#### **SPARTON**

#### SPARTON TECHNOLOGY

RECEIVED NOV 1 5 1988 HAZARDOUS WASTE SECTION

November 14, 1988

Mr. Guy Tidmore U.S. EPA Region VI 1445 Ross Avenue, Suite 1200 Dallas, TX 75202

RE: Monthly Report
Sparton Technology, Inc.

Dear Mr. Tidmore:

This is the monthly progress report for Sparton Technology, Inc.'s Coors Road Facility located in Albuquerque, New Mexico, as required in Section IV.C of the Consent Order. This report summarizes activities during the month of October 1988.

- 1. In accordance with Section IV.K of the Consent Order, Sparton provided notice of the Final Order to its officers, agents, servants, employees, and other persons in active concert or participation with them.
- 2. In accordance with Section IV.A.5 of the Consent Order, Sparton designated a Project Coordinator to oversee the implementation of the Final Order. Notice of this designation was provided to EPA in a letter dated October 6, 1988.
- 3. In accordance with Section IV.A.l of the Consent Order, Sparton submitted and Interim Measures (IM) Work Plan to EPA on October 27, 1988.
- 4. In accordance with Section IV.A.2 of the Consent Order, Sparton has begun work on the Corrective Action Plan. Sparton's consultant, Harding Lawson Associates (HLA), is currently compiling a description of the current situation (Task I).
- 5. In accordance with Section IV.A.l of the Consent Order, Sparton has completed pumping tests at each recovery well to determine aquifer characteristics and to estimate the volumes of groundwater to be treated and reused in the facility. A report describing the methodology and results of this testing is being prepared.

20.16

November 14, 1988 Mr. Guy Tidmore U.S. EPA Region VI Page 2

- 6. In accordance with Section IV.L of the Consent Order, Sparton has entered into agreements with its agents, consultants, and contractors to maintain and preserve during the pendancy of this Final Order and for five years after its termination, all records and documents within their respective possession which relate in any way to the Order or to hazardous waste disposal at the facility. Written confirmation of these agreements was provided to EPA in a letter dated November 3, 1988.
- 7. We have received verbal permission from the City of Albuquerque to install monitor wells in the right-of-way along Irving Boulevard. The formal permit agreement has been executed by Sparton, is currently being processed by the city, and we anticipate receipt of the signed permit by mid-November. The status of this access was reported to EPA in a letter dated November 3, 1988.
- 8. Sparton has completed the installation of all recovery and monitor wells required by the Consent Order. Boring Logs and well completion diagrams for each of these wells were in the IM Work Plan.
- Sparton has contracted with Lobo Construction, Inc. of Albuquerque to install the groundwater collection and treatment system. This work is currently in progress.
- 10. The two underground tanks associated with the groundwater collection and treatment system have been registered with the New Mexico EID. A copy of the registration is included in Attachment 1.
- 11. HLA has compiled a summary of historical groundwater monitoring data for the Coors Road facility. A copy of this summary is included in Attachment 2.

This concludes our progress report for the month of October 1988. If you have any questions, please contact the undersigned.

Sincerely,

1404

SPARTON TECHNOLOGY, INC.

W/Win

Richard D. Mico

Vice President and General Manager

cc: Hazardous Waste Bureau NM EID, Santa Fe, NM

- B. Thompson
- J. DeWitt
- J. Mabrey
- G. Richardson
- V. Samala

#### ATTACHMENT 1

#### **Notification for Underground Storage Tanks**

GW/HW Bureau UST Section P.O.Box 968; 2nd Floor S-2060 Santa Fe, NM 87501

| I D Number    | STATE USE ONLY |
|---------------|----------------|
| Date Received |                |

#### **GENERAL INFORMATION**

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA),

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated. State or local agencies of the existence of their tanks. Owner means— (a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1, gasoline. used oil, or diesel fuel, and 2, industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes:

2, tanks used for storing heating oil for consumptive use on the premises where stored: 3. septic tanks:

71.

When To Notify? I. Owners of underground storage tanks in use or that have been taken out of operation after January I, 1974, but still in the ground, must notify by

May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or

8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;

5. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the

What Substances Are Covered? The notification requirements apply to under-

ground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard

conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per

Where To Notify? Completed notification forms should be sent to the address

which is an intrastate pipeline facility regulated under State laws,

5. surface impoundments, pits, ponds, or lagnons, 6. storm water or waste water collection systems;

7. Ilow-through process tanks

urface of the floor

square inch absolute).

given at the top of this page.

|  |  | -1 |  |  |
|--|--|----|--|--|
|  |  |    |  |  |

Please type or print in ink all items except "signature" in Section V. This form must by completed for

Indicate number of [

| 0 |  |
|---|--|
|   |  |

| each location con<br>photocopy the rev | taining underground storage tank<br>erse side, and staple continuation   | s. If more than 5 tanks sheets to this form. | are owned at this location.  continuation sheets attached            |                         |              |  |  |  |  |
|--|--|--|--|-------------------------|--------------|--|--|--|--|
|  | I. OWNERSHIP OF TANK(S)  |  | II. LOCA   | TION OF TANK(S)         |              |  |  |  |  |
| Owner Name (Corp                       | poration, Individual, Public Agency, or  | Other Entity)                                | (If same as Sec  | tion 1, mark box her    | e 🔲 )        |  |  |  |  |
| Sparton Te                             | chnology, Inc.   |  | Facility Name or Company Sit   | le Identifier, as appli | cable ·      |  |  |  |  |
| Street Address                         | pl., cr  |  | Coope Dood Ford 14   |                         |              |  |  |  |  |
| County                                 | way Blvd., SE  |  | Coors Road Facili Street Address or State Road.                      |                         |              |  |  |  |  |
| Bernalillo                             |  | _  | 9621 Coors Road  |                         |              |  |  |  |  |
| City                                   | State  | ZIP Code                                     | County   |                         |              |  |  |  |  |
| Rio Rancho                             | NM   | 87124  | Bernalillo   |                         |              |  |  |  |  |
|  | hone Number  |  | City (nearest)   | State                   | ZIP Code     |  |  |  |  |
| (505) 892-                             |  |  | Albuquerque  | NM                      | 87114        |  |  |  |  |
| I                                      | ark all that apply 🖾 )   | Private or                                   | Indicate   | Mark box here if        | to ab to t   |  |  |  |  |
| Current                                | State or Local Gov't   | Corporate                                    | number of  | are located on la       | and within   |  |  |  |  |
| Former                                 | (GSA facility I.D. rio.  | Ownership uncertain                          | tanks at this 2  | an Indian reserve       |              |  |  |  |  |
| -                                      |  | <b>)</b>                                     |  | I                       |              |  |  |  |  |
|  |  | III. CONTACT PERSO                           | NAT TANK LOCATION  |                         |              |  |  |  |  |
| Name (If same as                       | Section I, mark box here )   | Job Title                                    |  | Area Code               | Phone Number |  |  |  |  |
| Richard D.                             | Mico   | Vice Pres                                    | ident/General Manage   | (505) 89                | 92-5300      |  |  |  |  |
| 2.                                     | the state of the s | IV. TYPE OF                                  | NOTIFICATION :   |                         |              |  |  |  |  |
|  | Mark box here o  | inly if this is an amend                     | ed or subsequent notification for thi                                | is location.            |              |  |  |  |  |
|  | V. CERT  | IFICATION (Read and                          | sign after completing Section VI.)                                   | 4                       |              |  |  |  |  |
| documents, and                         |  | hose individuals imr                         | d am familiar with the informati<br>nediately responsible for obtain |                         |              |  |  |  |  |
|  | title of owner or owner's authorize - Vice President/Ge  | 1  | Signature D. Wic   | Date Sign               | 7/88         |  |  |  |  |

CONTINUE ON REVERSE SIDE

EPA Form /530-1(11-85)

d. Unknown

(e.g., sand, concrete)

a. Estimated date last used (mo/yr)

EPA Form 7530-1 (11-85) Reverse

taken out of service)

9. Additional information (for tanks permanently

Estimated quantity of substance remaining (gal.)
 Mark box 2 if tank was filled with inert material

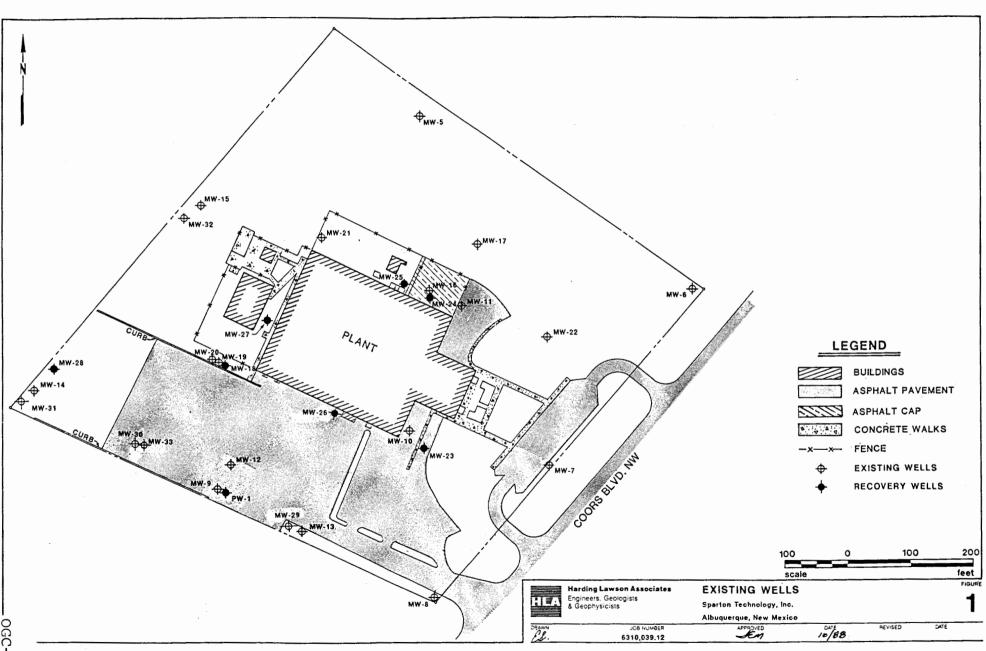
#### ATTACHMENT 2

SPARTON TECHNOLOGY, INC.

COORS ROAD FACILITY

**GROUNDWATER MONITORING SUMMARY** 

**OCTOBER 1988** 



\_\_ OGC-003032

#### SPARTON

#### **SPARTON TECHNOLOGY**

RECEIVED

DEC 2 2 1988

HAZARDOUS WASTE SECTION

December 19, 1988

State of New Mexico Environmental Improvement Division Harold Runnels Bldg. 1190 St. Francis Drive Santa Fe, NM 87503

Attention: Ms. V. Suzanne Moore-Mayne Water Resource Specialist II

RE: NMD083212332

Dear Ms. Moore-Mayne:

As requested in your letter of November 21, 1988, attached is the available historical water level data.

If you have any questions of a technical nature, please call Mr. Gary Richardson, Metric Corporation at 828-2801.

Sincerely,

SPARTON TECHNOLOGY, INC.

Re D Wici

Richard D. Mico Vice President and General Manager

cc: Mr. Blair Thompson

Mr. Jon DeWitt

Mr. Jay Mabrey

Mr. Gary Richardson

Mr. Ven Samala

Attach.

OGC-003034

|      |              |         |         | 1            |         |           |         | 7507 13  | FEET BAOK!   | SEE FEAT |         |          |         |         |          |          |       |      |         |               |
|------|--------------|---------|---------|--------------|---------|-----------|---------|----------|--------------|----------|---------|----------|---------|---------|----------|----------|-------|------|---------|---------------|
| 100  | QUANTER.     | B15     | ž.      | <b>M</b> 57  | E       | <b>15</b> | 14718   | 1164     | <b>MI</b> 12 | MIL.     | 1       | S128     | 314     | 1118    | #13#     | 615F     | 18728 | 1872 | 16172   | <b>36</b> 123 |
| t L  |              | -       |         |              |         | 1         |         |          |              |          | 1       |          |         |         |          |          |       |      |         |               |
| 1985 |              | 4940.57 |         | \$<br>3<br>1 | 1978.11 | 1976.52   | 1983.10 | 4975.66  | ļ            |          | 1       | 1        |         | 1       | ł        | 1.       | ì     |      | i       | 1             |
| 1985 | ĸ.           | •       |         |              | 4979.13 | 4977.22   | 4976.30 | 1976.21  | ļ            | 1        | ;       | ļ        |         |         | !        | ;        |       |      | ì       | i             |
| 1985 | w            | ì       | :       | Ī            | !       | -         | ţ       | 1        | 1            | 1        | i       |          | 1       | Ì       | i        |          |       | 1    | 1       | 1             |
| 1985 | <u>.</u>     | 1       |         | :            | ļ       |           | i       | 1        | ļ            | ŧ        | 1       | ;        |         | 1       | }        | ļ        |       |      | ì       | 1             |
| 1986 |              | 1       |         | į            |         |           | į       | į        | ł            | į        | •       | ł        |         | Ì       | í        | 1        |       |      | 1       | 1             |
| 1986 | 2            | !       |         | ŀ            | 1978.66 | 1576.95   | 1976.71 | 1975.99  | į            | i        | 1       | 1        | 1       | ł       | į        | 1        |       |      | ļ       | ,             |
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| 1881 | , <b>-</b> - | 1       |         | 1            | 4975.33 | 4977.88   | 1       | 4976.58  | -            | ŧ        | 4976.23 | 1976.40  | 1981.23 |         | 1977.96  | 1976.81  |       |      | 1588.04 | 1979.57       |
| 1987 | <b>-</b>     |         |         | ļ            | 4977.00 | 1976.76   | 1       | 1975. SI | 1            | į        | 1975.27 | 1975.58  | 1980.73 |         | 4977, 33 | 1975.11  |       |      | 10      | £978.79       |
| 1987 | 2            |         |         | i            | 4976_67 | 1976.27   | 1       | 1975.27  | 1            | 1        | 4974.94 | 1975.20  | 188.32  | 1       | 1976.53  | 1975.17  |       |      | 1975.62 | 1578.34       |
| 1887 | w            | 4991.05 |         | 1380.50      | 4579.71 | 1977.SC   | 4977.13 | 4976,22  | 1576.92      | 1978.21  | 1975.74 | 1975. 31 | 1980.75 | 1980.98 | 1977.43  | 1976. 17 |       |      | 1980.73 | 4979 12       |
| 1387 |              | ,       |         |              | 1978.90 | £977.4    |         | 4976,09  |              | ļ        | 1975.72 | 4975.84  | SEO. 53 | 1       | 1977.67  | 1976.32  |       |      | ×       | 4979.75       |
| 386  | ₩.           | •       | 1580.19 | 1            | 1976.67 | 1975.73   | 1       | 1874. 91 | •            | 1        | 1971 63 | 4976.87  | 1571 76 | 1       | 1976.41  | 1975 17  |       |      | 1979.50 | 4978.05       |
| 1986 | 2            | ;       | 1980.09 | 1            | 4976.30 | 4576.11   | ;       | 4975.45  | ;            | ţ        | 1573.34 | 1576.48  | 4579.43 | 1       | 1976.13  | 1975.26  |       |      | 1975.56 | 1978.29       |
| 1988 | w            | 9       | 1980.48 | ļ            | 1972.74 | 1976.30   | 1       | 1975.35  |              |          | 1974.39 | 1976.85  | (978.46 | ;       | 1976.58  | 1375.61  |       |      | 4976,28 | 4578.83       |
|      |              |         |         |              |         |           |         |          |              |          |         |          |         |         |          |          |       |      |         |               |

SPARTON TECHNOLOGY, INC.
COORS NOLD PACILITY
ALMORARDIT, HER HEXICO
HISTORICAL GROUNDALTER HOMITORING ELEPATIONS SUMMANI

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER WELL SUMMARY

ZONE SCREENED ZONE DATE SCREENED (upper; MONITORED INSTALLED DIAMETER WELL DEPTH INTERVAL(S) lower; (upper \* (mo/yr) (feet) COMMENTS NO. (inches) (feet) or both) or lower) PW-1 09/84 145 60-70/80-138 CASING PLUGGED FROM BOTTOM UP THRU AQUITARD BOTH UPPER 05/83 2 90 70-90 WELL PLUGGED AND ABANDONED 01 BOTH \_\_\_ 02 05/83 90 70-90 WELL PLUGGED AND ABANDONED BOTH 05/83 85 65-85 WELL PLUGGED AND ABANDONED 03 BOTH ---04 05/83 90 70-90 \_\_\_ WELL PLUGGED AND ABANDONED BOTH 11/83 83 05 68-73 UPPER UPPER 11/83 71.5 61.5-66.5 ---06 UPPER UPPER 07 11/83 73.5 63.5-68.5 UPPER 2 UPPER ---08 11/83 2 68 58-63 UPPER UPPER 09 11/83 72.5 62.5-67.5 UPPER UPPER ---10 11/83 145 135-140 LOWER LOWER 11 11/83 144 134-139 LOWER LOWER 12 08/84 140 64-133 BOTH UPPER CASING PLUGGED FROM BOTTOM UP THRU AQUITARD 13 CASING PLUGGED FROM BOTTOM UP THRU AQUITARD 08/84 140 60-139.5 BOTH UPPER 14 08/84 130 61-127 BOTH UPPER CASING PLUGGED FROM BOTTOM UP THRU AQUITARD 15 08/84 140 60-124.5 CASING PLUGGED FROM BOTTOM UP THRU AQUITARD BOTH UPPER 16 08/84 2 73 68-73 UPPER UPPER 17 08/84 72 67-72 UPPER UPPER ---05/86 18 81 68-78 UPPER UPPER ---19 09/86 110 97-107 LOWER LOWER 20 09/86 138 125-138 LOWER LOWER ---21 08/86 69.5 64.5-69.5 UPPER UPPER 22 08/86 78 72-77 UPPER UPPER ---23 08/86 2 78 72-77 UPPER UPPER 24 12/86 75 68.4-73.4 UPPER UPPER \_ \_ \_ 25 12/86 75 67.7~72.7 UPPER UFPER 05/88 78.5 73-78 UPPER 26 UPPER ---27 05/88 72 67-72 UPPER UPPER 28 05/88 70 65-70 UPPER UPPER ---29 + 06/88 115.5 103-113 LOWER LOWER 30 06/88 109.5 97-107 LOWER LOWER 31 06/88 109 96-106 LOWER LOWER ---32 06/88 120 108-118 LOWER LOWER \_ - -33 10/88 73 63-73 UPPER UPPER

<sup>\* =</sup> GROUNDWATER RECOVERY WELL

<sup>+ =</sup> CONSENT ORDER MONITOR WELL

<sup># =</sup> SCHEDULED TO BE PLUGGED AND ABANDONED

------

|            |              |                        |  | [              |  |               |                            |                                      |                                       |                             | - mg/l -                   |                             |       |                             |                 | ]      |
|------------|--------------|------------------------|--|----------------|--|---------------|----------------------------|--------------------------------------|---------------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|-----------------|--------|
| QI<br>YEAR | UARTE<br>NO. | pH<br>R units<br>(6-9) | SPECIFIC<br>CONDUC-<br>TANCE<br>umhos/cm | CHLORIDE (250) | NITRATE +<br>NITRITE<br>AS N<br>(10.0) | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL<br>KJELDAHL<br>NITROGEN<br>as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE (0.2) | NICKEL |
| *****      | ***          | WELL NO.               | 05 ( UPPER                               | FLOW ZONE      | ) ******                               | *             |                            |                                      |                                       |                             |                            |                             |       |                             |                 |        |
| 1983       | 4            | 8.00                   | 688                                      | 22             | 0.9                                    | 81            | 21                         |                                      |                                       |                             |                            | ND                          |       |                             | 0.37            |        |
| 1984       | 4            | 7.64                   | 721                                      |                | 1.8                                    | 112           | 3.8                        | 0.22                                 | 0.6                                   | ND                          | ND                         |                             | 0.12  | ND                          | 0.68            | ND     |
| 1985       | 1            | 8.09                   | 711                                      | ~              |  |               | 0.9                        | 0.21                                 |                                       |                             |                            |                             |       |                             |                 |        |
| 1985       | 2            |                        |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                 |        |
| 1985       | 3            |                        |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                 |        |
| 1985       | 4            |                        |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                 |        |
| 1986       | i            |                        |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                 |        |
| 1986       | 2            |                        |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                 |        |
| 1986       | 3            |                        |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                 |        |
| 1986       | 4            |                        |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                 |        |
| 1987       | 1            |                        |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                 |        |
| 1987       | 2            |                        |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                 |        |
| 1987       | 3            | 8.07                   | 640                                      | 27             | 0.8                                    | 91            | 2                          | 0.04                                 | 0.5                                   | ND                          | 0.01                       | 0.2                         | 0.14  | 0.01                        | 0.34            | ND     |
| 1987       | 4            |                        |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                 |        |
| 1988       | 1            |                        |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                 |        |
| 1988       | 2            |                        |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                 |        |
| 1988       | 3            |                        |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                 |        |

-----

ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

[-----mg/l -----]

| QI<br>YEAR<br> | UARTER<br>NO.<br><br>*** WE | pH<br>units<br>(6-9) | SPECIFIC CONDUCTANCE umhos/cm | CHLORIDE (250) | NITRATE + NITRITE AS N (10.0) | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL<br>KJELDAHL<br>NITROGEN<br>as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
|----------------|-----------------------------|----------------------|-------------------------------|----------------|-------------------------------|---------------|----------------------------|--------------------------------------|---------------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| 1983           | 4                           | 7.97                 | 821                           | 38             | 10                            | 95            | 7.8                        |                                      |                                       |                             |                            | ND                          |       |                             | 0.032              |        |
| 1984           | 4                           | 7.50                 | 866                           |                | 16                            | 120           | 6.1                        | 0.45                                 | 0.1                                   | ND                          | ND                         |                             | 0.25  | ИD                          | 0.34               | 0.005  |
| 1985           | 1                           |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985           | 2                           | 7.89                 | 871                           |                |                               |               | 1.7                        | 0.31                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1985           | 3                           | 7.46                 | 833                           | 38             | 15                            | 140           | 1.4                        | 0.4                                  | ND                                    | ND                          | ND                         |                             | 0.33  | ND                          | 0.23               | ND     |
| 1985           | 4                           |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 1                           | 7.43                 | 810                           |                |                               |               | 12                         | 0.32                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 2                           | 7.34                 | 821                           |                |                               |               | 1.9                        | 1.4                                  |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 3                           | 7.77                 | 831                           |                |                               |               | 6.3                        | 0.59                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 4                           | 7.72                 | 846                           | 28             | 14                            | 142           | 4.4                        | 0.421                                | ND                                    | ND                          | ИD                         |                             | 0.3   | ND                          |                    | ND     |
| 1987           | 1                           | 8.03                 | 886                           |                |                               |               | 3.7                        | 0.26                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1987           | 2                           | 7.61                 | 879                           |                |                               |               | 1.2                        | 0.18                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1987           | 3                           | 7.61                 | 784                           | 27             | 14                            | 12            | 3.3                        | 0.35                                 | ND                                    | ND                          | ND                         | 0.2                         | 0.34  | ND                          | 0.066              | ND     |
| 1987           | 4                           | 7.55                 | 832                           |                |                               |               | 0.4                        | 0.3                                  |                                       |                             |                            |                             |       |                             |                    |        |
| 1988           | 1                           | 7.62                 | 885                           |                |                               |               | 1.1                        | 0.19                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1988           | 2                           | 7.61                 | 880                           |                |                               |               | 1.5                        | 0.15                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1988           | 3                           | 7.60                 | 812                           | 23             | 20                            | 118           | 2.3                        | 0.120                                | ND                                    | 0.01                        | ND                         | ND                          | 0.31  | ND                          | 0.042              | ND     |

ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

[------ mg/l -----

| YEAR<br> |   | pH<br>units<br>(6-9) | SPECIFIC CONDUCTANCE umhos/cm | CHLORIDE<br>(250)<br> | NITRATE + NITRITE AS N (10.0) | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL<br>KJELDAHL<br>NITROGEN<br>as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
|----------|---|----------------------|-------------------------------|-----------------------|-------------------------------|---------------|----------------------------|--------------------------------------|---------------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| 1983     | 4 | 7.94                 | 507                           | 116                   | 0.4                           | 39            | 80                         |                                      |                                       |                             |                            | ND                          |       |                             | 0.089              |        |
| 1984     | 4 | 7.43                 | 692                           |                       | 3.3                           | 85            | 3.6                        | 0.85                                 | 0.2                                   | 0.02                        | ND                         |                             | 0.11  | 0.021                       | 0.03               | ND     |
| 1985     | ĺ |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985     | 2 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985     | 3 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985     | 4 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986     | 1 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986     | 2 |                      |                               | <b>-</b>              |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986     | 3 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986     | 4 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            | <b>-</b>                    |       |                             |                    |        |
| 1987     | 1 | ~                    |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1987     | 2 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1987     | 3 | 8.12                 | 693                           | 23                    | 3                             | 103           | 0.6                        | 0.21                                 | ND                                    | ND                          | ND                         | ND                          | 0.18  | ND                          | 0.032              | ND     |
| 1987     | 4 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1988     | 1 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1988     | 2 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1988     | 3 |                      |                               |                       |                               |               |                            |                                      | ~                                     |                             |                            |                             |       |                             |                    |        |

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ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

[----- mg/l -----]

| YEAR<br> |   | pH<br>units<br>(6-9) | SPECIFIC<br>CONDUC-<br>TANCE<br>umhos/cm | CHLORIDE (250) | NITRATE + NITRITE AS N (10.0) | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL<br>KJELDAHL<br>NITROGEN<br>as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
|----------|---|----------------------|--|----------------|-------------------------------|---------------|----------------------------|--------------------------------------|---------------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| 1983     | Δ | 8.05                 | 579                                      | 18             | 1.7                           | 65            | 15                         |                                      |                                       |                             |                            | ND                          |       |                             | 0.098              |        |
| 1984     | 4 | 7.50                 | 763                                      |                | 7.4                           | 80            | 5.5                        | 0.18                                 | 0.4                                   | ND                          | ND                         |                             | 0.37  | ND                          | ND                 | ND     |
| 1985     | 1 | 7.96                 | 735                                      |                |                               |               | 2.1                        | 0.088                                |                                       |                             |                            |                             |       |                             |                    |        |
| 1985     | 2 | 7.78                 | 741                                      |                |                               |               | 1.3                        | 0.15                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1985     | 3 | 7.42                 | 715                                      | 33             | 5.5                           | 69            | 1.8                        | 0.38                                 | ND                                    | ND                          | ND                         |                             | 0.31  | ND                          | ND                 | ND     |
| 1985     | 4 |                      |  |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986     | ì | 7.40                 | 708                                      |                |                               |               | 16                         | 0.098                                |                                       |                             |                            |                             |       |                             |                    |        |
| 1986     | 2 | 7.27                 | 764                                      |                |                               |               | 2                          | 0.18                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1986     | 3 | 7.68                 | 754                                      |                |                               |               | 14                         | 0.37                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1986     | 4 | 7.48                 | 784                                      | 37             | 2.1                           | 74            | 1.3                        | 0.233                                | ND                                    | ND                          | ND                         |                             | 0.52  | ND                          |                    | ND     |
| 1987     | 1 | 8.22                 | 754                                      |                |                               |               | 2                          | 0.069                                |                                       |                             |                            |                             |       |                             |                    |        |
| 1987     | 2 | 7.78                 | 772                                      |                |                               |               | 3.3                        | 0.054                                |                                       |                             |                            |                             |       |                             |                    |        |
| 1987     | 3 | 7.61                 | 705                                      | 37             | 3                             | 53            | 3.2                        | 0.15                                 | 0.2                                   | ND                          | ND                         | 0.1                         | 0.38  | ND                          | 0.22               | ND     |
| 1987     | 4 | 7.59                 | 703                                      |                |                               |               | 3                          | 0.07                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1988     | 1 | 7.82                 | 782                                      |                |                               |               | 3.7                        | 0.042                                |                                       |                             |                            |                             |       |                             |                    |        |
| 1988     | 2 | 7.56                 | 799                                      |                |                               |               | 1.5                        | 0.052                                |                                       |                             |                            |                             |       |                             |                    |        |
| 1988     | 3 | 7.60                 | 737                                      | 23             | 1.7                           | 71-           | 2.5                        | 0.070                                | 0.1                                   | ND                          | 0.01                       | ND                          | 0.57  | 0.01                        | 0.18               | ND     |

ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

[-----mg/l ------]

| QU<br>YEAR | JARTER<br>NO. | pH<br>units<br>(6-9) | SPECIFIC<br>CONDUC-<br>TANCE<br>umhos/cm | CHLORIDE (250) | NITRATE +<br>NITRITE<br>AS N<br>(10.0) | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL KJELDAHL NITROGEN as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
|------------|---------------|----------------------|--|----------------|--|---------------|----------------------------|--------------------------------------|------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| *****      | *** WE        | LL NO.               | 09 ( UPPER                               | PLOW ZONE      | ) ******                               | *             |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1983       | 4             | 7.36                 | 2320                                     | 400            | ND                                     | 340           | 29                         |                                      |                              |                             |                            | ND                          |       |                             | 3.4                |        |
| 1984       | 4             | 6.70                 | 2350                                     |                | ND                                     | 372           | 14                         | 21                                   | 1.7                          | ND                          | ND                         |                             | 13    | ND                          | 1.9                | 0.19   |
| 1985       | 1             | 7.00                 | 2040                                     |                |  |               | 6.1                        | 15                                   |                              |                             |                            |                             |       |                             |                    |        |
| 1985       | 2             | 7.31                 | 1770                                     |                |  |               | 7.2                        | 9.1                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1985       | 3             | 6.92                 | 1590                                     | 210            | ND                                     | 300           | 4.6                        | 6.9                                  | 0.9                          | ND                          | ND                         |                             | 7.9   | ND                          | 1.1                | 0.11   |
| 1985       | 4             |                      |  |                |  |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1986       | 1             | 6.96                 | 1340                                     |                |  |               | 20                         | 6.7                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1986       | 2             | 7.02                 | 1380                                     |                |  |               | 3                          | 5                                    |                              |                             |                            |                             |       |                             |                    |        |
| 1986       | 3             | 7.46                 | 1480                                     |                |  |               | 3.1                        | 6.3                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1986       | 4             | 7.71                 | 1470                                     | 138            | ND                                     | 226           | 1.4                        | 5.08                                 | 5.1                          | ND                          | ND                         |                             | 5.5   | ND                          |                    | 0.081  |
| 1987       | 1             | 8.03                 | 1440                                     |                |  |               | 3                          | 3.2                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1987       | 2             | 7.66                 | 1370                                     |                |  |               | 2.1                        | 4.0                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1987       | 3             | 7.87                 | 1300                                     | 116            | ND                                     | 203           | 2                          | 4.4                                  | 2.6                          | ND                          | ND                         | 2.2                         | 4     | ND                          | 0.24               | 0.06   |
| 1987       | 4             | 7.39                 | 1220                                     |                |  |               | 2.8                        | 2.6                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1988       | 1             | 8.29                 | 1210                                     |                |  |               | 1.7                        | 2.5                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1988       | 2             | 7.26                 | 1130                                     |                |  |               | 2.7                        | 3.6                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1988       | 3             | 7.30                 | 1040                                     | 66             | ND                                     | 182           | 3.8                        | 2.870                                | 1.7                          | ND                          | 0.01                       | 1.1                         | 3.5   | 0.01                        | 1.3                | ND     |

ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

[------ mg/l ------]

| Q(<br>YEAR<br> | JARTER<br>NO.<br> | pH<br>units<br>(6-9) | SPECIFIC CONDUCTANCE umhos/cm | CHLORIDE<br>(250)<br> | NITRATE + NITRITE AS N (10.0) | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL<br>KJELDAHL<br>NITROGEN<br>as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
|----------------|-------------------|----------------------|-------------------------------|-----------------------|-------------------------------|---------------|----------------------------|--------------------------------------|---------------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| 1983           | 4                 | 8.03                 | 694                           | 26                    | 0.1                           | 95            | 7.6                        |                                      |                                       |                             |                            | 0.1                         |       |                             | 0.75               |        |
| 1984           | 4                 | 7.74                 | 702                           |                       | 0.2                           | 119           | 3                          | 0.04                                 | 0.4                                   | ND                          | ND                         |                             | ND    | 0.01                        | 0.93               | 0.02   |
| 1985           | i                 | 7.73                 | 689                           |                       |                               |               | 1.7                        | 0.013                                |                                       |                             |                            |                             |       |                             |                    |        |
| 1985           | 2                 | 7.94                 | 702                           |                       |                               |               | 1.6                        | 0.013                                |                                       |                             |                            |                             |       |                             |                    |        |
| 1985           | 3                 | 7.39                 | 694                           | 28                    | ND                            | 125           | 9                          | 0.05                                 | ND                                    | ND                          | ND                         |                             | 0.15  | ND                          | 1                  | ND     |
| 1985           | 4                 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 1                 | 7.49                 | 678                           |                       |                               |               | 8.8                        | 0.076                                |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 2                 | 7.30                 | 673                           |                       |                               |               | 10                         | 0.14                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 3                 | 7.86                 | 681                           |                       |                               |               | 2.1                        | 0.13                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 4                 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1987           | 1                 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1987           | 2                 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1987           | 3                 | 7.71                 | 679                           | 44                    | ND                            | 102           | 4.7                        | 1.8                                  | 0.1                                   | ND                          | ND                         | 0.1                         | 0.5   | ND                          | 1.2                | ND     |
| 1987           | 4                 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1988           | 1                 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1988           | 2                 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1988           | 3                 |                      |                               |                       |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |

ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

| [    | NICKEL                                   |
|------|--|
|      | MANGANESE<br>(0.2)                       |
|      | TOTAL<br>CHROMIUM<br>(0.05)              |
|      | BORON                                    |
| 1    | AMMONIA<br>NITROGEN<br>as N              |
| mg/1 | TRI-<br>VALENT<br>CHROMIUM               |
|      | HEXA-<br>VALENT<br>CHROMIUM              |
|      | TOTAL KJELDAHL NITROGEN as N             |
|      | TOTAL ORGANIC HALOGEN as Cl              |
|      | TOTAL<br>ORGANIC<br>CARBON               |
|      | SULFATE<br>(600)                         |
|      | NITRATE + NITRITE AS N (10.0)            |
|      | CHLORIDE<br>(250)                        |
|      | SPECIFIC<br>CONDUC-<br>TANCE<br>umhos/cm |
|      | pH<br>units<br>(6-9)                     |
| 2    | QUARTER<br>YEAR NO.                      |

\*\*\*\*\*\* WELL NO. 11 ( LOWER FLOW ZONE ) \*\*\*\*\*\*

0.006

0.76

0.98

N GN CN

0.12

0.006 0.032 0.01 0.01 0.01 0.018 0.058 0.0096 0.038 0.038 0.038

118

| NOTES : WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME. | BDL = BELOW DETECTION LIMITS ; = NOT TESTED. |
|---|--|
| <br>S STANDARDS EX  | ND = NOT DETECTED ; BDL                      |
| <br>: WHERE STATE   | ND = NOT DETECTED ;                          |
| <br>SETON.  |  |

[------ mg/l ------]

| QI<br>YEAR<br> | JARTER<br>NO.<br><br>*** WE | pH<br>units<br>(6-9) | SPECIFIC CONDUCTANCE umhos/cm | CHLORIDE<br>(250)<br><br>FLOW ZONE | NITRATE + NITRITE AS N (10.0) | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL<br>KJELDAHL<br>NITROGEN<br>as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON    | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
|----------------|-----------------------------|----------------------|-------------------------------|------------------------------------|-------------------------------|---------------|----------------------------|--------------------------------------|---------------------------------------|-----------------------------|----------------------------|-----------------------------|----------|-----------------------------|--------------------|--------|
| 1983           | 4                           |                      |                               |                                    |                               |               |                            |                                      |                                       |                             |                            |                             |          |                             |                    |        |
| 1984           | 3                           | 7.65                 | 769                           | 23                                 | 1.32                          | 136           | 1.7                        | 0.074                                |                                       | ИD                          | ND                         | ND                          | 0.12     | ND                          | 0.98               | ND     |
| 1985           | 1                           |                      |                               |                                    |                               |               |                            |                                      |                                       |                             |                            |                             | <b>-</b> |                             |                    |        |
| 1985           | 2                           |                      |                               |                                    |                               |               |                            |                                      |                                       |                             |                            |                             |          |                             |                    |        |
| 1985           | 3                           |                      |                               |                                    |                               |               | /                          |                                      |                                       |                             |                            |                             |          |                             |                    |        |
| 1985           | 4                           |                      |                               |                                    |                               |               |                            |                                      |                                       |                             |                            |                             |          |                             |                    |        |
| 1986           | 1                           |                      |                               |                                    |                               |               |                            |                                      |                                       |                             |                            |                             |          |                             |                    |        |
| 1986           | 2                           |                      |                               |                                    |                               |               |                            |                                      |                                       |                             |                            |                             |          |                             |                    |        |
| 1986           | 3                           |                      | ~~~                           |                                    |                               |               |                            |                                      |                                       |                             |                            |                             |          |                             |                    |        |
| 1986           | 4                           |                      |                               |                                    |                               |               |                            |                                      |                                       |                             |                            |                             |          |                             |                    |        |
| 1987           | 1                           |                      |                               |                                    |                               |               |                            |                                      |                                       |                             |                            |                             |          |                             |                    |        |
| 1987           | 2                           |                      |                               |                                    |                               |               |                            |                                      |                                       |                             |                            |                             |          |                             |                    |        |
| 1987           | 3                           | 7.91                 | 1050                          | 139                                | 1.7                           | 195           | 6.3                        | 3.6                                  | 0.5                                   | ND                          | ND                         | 0.4                         | 2.7      | ND                          | 0.82               | ND     |
| 1987           | 4                           |                      |                               |                                    |                               |               |                            |                                      |                                       |                             |                            |                             |          |                             |                    |        |
| 1988           | 1                           |                      |                               |                                    |                               |               |                            |                                      |                                       |                             |                            |                             |          |                             |                    |        |
| 1988           | 2                           |                      |                               |                                    |                               |               |                            |                                      |                                       |                             |                            |                             |          |                             |                    |        |
| 1988           | 3                           |                      |                               |                                    |                               |               |                            |                                      |                                       |                             |                            |                             |          |                             |                    |        |

ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

[------ mg/l ------

| Q'<br>YEAR<br> | UARTER<br>NO.<br><br>*** WE | pH<br>units<br>(6-9) | SPECIFIC CONDUCTANCE umhos/cm | CHLORIDE<br>(250)<br><br>FLOW ZONE | NITRATE + NITRITE AS N (10.0) ) ********* | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL<br>KJELDAHL<br>NITROGEN<br>as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
|----------------|-----------------------------|----------------------|-------------------------------|------------------------------------|---|---------------|----------------------------|--------------------------------------|---------------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| 1983           | 4                           |                      |                               |                                    |   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1984           | 4                           | 7.43                 | 1090                          |                                    | 0.6                                       | 148           | 5.2                        | 3.6                                  | 3.1                                   | ND                          |                            |                             | 2.6   |                             | 2                  | 0.04   |
| 1985           | 1                           |                      |                               |                                    |   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985           | 2                           |                      |                               |                                    |   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985           | 3                           |                      |                               |                                    |   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985           | 4                           |                      |                               |                                    |   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 1                           |                      |                               |                                    |   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 2                           |                      |                               |                                    |   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 3                           |                      |                               |                                    |   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 4                           |                      |                               |                                    |   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1987           | 1                           |                      |                               | <b>-</b>                           |   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1987           | 2                           |                      |                               |                                    | ~   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1987           | 3                           | 7.73                 | 955                           | 35                                 | 4.1                                       | 128           | 3.7                        | 0.79                                 | ND                                    | ND                          | ND                         | ND                          | 0.8   | ND                          | 0.37               | ND     |
| 1987           | 4                           |                      |                               |                                    |   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1988           | 1                           |                      |                               |                                    |   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1988           | 2                           |                      |                               |                                    |   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1988           | 3                           |                      |                               |                                    |   |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |

ND = NOT DETECTED ; EDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

[------ mg/l ------]

| YEAR  | QUARTER<br>NO. | pH<br>units<br>(6-9) | SPECIFIC<br>CONDUC-<br>TANCE<br>umhos/cm | CHLORIDE (250) | NITRATE + NITRITE AS N (10.0) | SULFATE<br>(600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL ORGANIC HALOGEN as Cl | TOTAL KJELDAHL NITROGEN as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
|-------|----------------|----------------------|--|----------------|-------------------------------|------------------|----------------------------|-----------------------------|------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| ***** | **** WE        | ELL NO.              | 14 ( UPPER                               | FLOW ZONE      | ) ******                      | *                |                            |                             |                              |                             |                            |                             |       |                             |                    |        |
| 1983  | 4              |                      |  |                |                               |                  |                            |                             |                              |                             |                            |                             |       |                             |                    |        |
| 1984  | 4              | 7.61                 | 1290                                     |                | 1                             | 192              | 5.9                        | 3.7                         | 1                            | 0.6                         |                            |                             | 2     |                             | 0.76               | 0.04   |
| 1985  | 1              |                      |  |                |                               |                  |                            |                             |                              |                             |                            |                             |       |                             |                    |        |
| 1985  | 2              |                      |  |                |                               |                  |                            |                             |                              |                             |                            |                             |       |                             |                    |        |
| 1985  | 3              |                      |  |                |                               |                  |                            |                             |                              |                             |                            | ~~~                         |       |                             |                    |        |
| 1985  | 4              |                      |  |                |                               |                  |                            |                             |                              |                             |                            |                             |       |                             |                    |        |
| 1986  | 1              |                      |  |                |                               |                  |                            |                             |                              |                             |                            |                             |       |                             |                    |        |
| 1986  | 2              |                      |  |                |                               |                  |                            |                             |                              |                             |                            |                             |       |                             |                    |        |
| 1986  | 3              |                      |  |                |                               |                  |                            |                             |                              |                             |                            |                             |       |                             |                    |        |
| 1986  | 4              | 7.76                 | 1200                                     | 34             | 3.1                           | 175              | 3.8                        | 2.3                         | ND                           | 1.1                         | ND                         |                             | 1.8   | 1.1                         |                    | 0.03   |
| 1987  | 1              | 7.89                 | 1190                                     |                |                               |                  | 2.6                        | 3.5                         |                              |                             |                            |                             |       |                             |                    |        |
| 1987  | 2              | 7.43                 | 995                                      |                |                               |                  | 1.7                        | 0.53                        |                              |                             |                            |                             |       |                             |                    |        |
| 1987  | 3              | 7.58                 | 877                                      | 64             | 2.7                           | 132              | 2.7                        | 1                           | 0.1                          | 0.41                        | 0.54                       | ND                          | 0.82  | 0.95                        | 0.017              | ND     |
| 1987  | 4              | 7.52                 | 991                                      |                |                               |                  | 0.8                        | 1.7                         |                              |                             |                            |                             |       |                             |                    |        |
| 1988  | 1              | 12.17                | 500 <b>0</b>                             |                |                               |                  | 3.1                        | 2.6                         |                              | ~                           |                            |                             |       |                             |                    |        |
| 1988  | 2              | 7.40                 | 3030                                     |                |                               |                  | 3.2                        | 3.8                         |                              |                             |                            |                             |       |                             |                    |        |
| 1988  | 3              | 11.9                 | 3410                                     | 97             | 10                            | 66               | 3.5                        | 3.50 <b>0</b>               | ND                           | 0.70                        | ND                         | ND                          | 0.30  | 0.55                        | 0.014              | ND     |

ND = NOT DETECTED; BDL = BELOW DETECTION LIMITS; --- = NOT TESTED.

[------ mg/l ------]

| YEAR |   | pH<br>units<br>(6-9) | SPECIFIC CONDUCTANCE umhos/cm | CHLORIDE (250) | NITRATE + NITRITE AS N (10.0) | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL<br>KJELDAHL<br>NITROGEN<br>as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
|------|---|----------------------|-------------------------------|----------------|-------------------------------|---------------|----------------------------|--------------------------------------|---------------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| 1983 | 4 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1984 | 4 | 7.68                 | 885                           |                | 4.4                           | 146           | 2.7                        | 1.1                                  | 0.5                                   | ND                          |                            |                             | 0.16  |                             | 0.06               | ND     |
| 1985 | 1 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985 | 2 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985 | 3 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985 | 4 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986 | 1 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986 | 2 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986 | 3 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986 | 4 | 7.99                 | 853                           | 53             | 5.6                           | 126           | 1.3                        | 1.1                                  | ND                                    | ND                          | ND                         |                             | 0.13  | ND                          |                    | ND     |
| 1987 | 1 | 8.32                 | 801                           |                |                               |               | 1.3                        | 0.42                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1987 | 2 | 7.60                 | 764                           |                |                               |               | 1.1                        | 0.43                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1987 | 3 | 8.01                 | 812                           | 41             | 4.7                           | 135           | 2.4                        | 0.49                                 | ND                                    | ND                          | ND                         | ND                          | 0.14  | ND                          | ND                 | ND     |
| 1987 | 4 | 7.65                 | 790                           |                |                               |               | 0.9                        | 0.45                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1988 | 1 | 8.20                 | 819                           |                |                               |               | 1.1                        | 0.29                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1988 | 2 | 7.78                 | 871                           |                |                               |               | 2.7                        | 0.28                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1988 | 3 | 7.70                 | 827                           | 63             | 6.2                           | 122           | 2.5                        | 0.290                                | ND                                    | ND                          | ND                         | ND                          | 0.12  | ND                          | 0.034              | ND     |

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ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

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| _                                       |                                      |                                      |      |      |      |      |      |      |         |      |        |          |        |      |      |       |      |      |        |
|---|--------------------------------------|--------------------------------------|------|------|------|------|------|------|---------|------|--------|----------|--------|------|------|-------|------|------|--------|
| 1 | NICKEL                               |                                      | ;    | 0.4  | ;    | :    | !    | !    | !       | :    |        | 6.35     | :      | (    | 67.0 | :     | ;    | : :  | 0.73   |
|   | MANGANESE<br>(0.2)                   |                                      | ;    | 17   | !    |      | :    | ŧ    | !       | •    | !      | :        | :      | : ;  | ٠٠   | :     | :    | , ,  | ۹٠٦    |
|   | TOTAL<br>CHROMIUM<br>(0.05)          |                                      | ;    | ;    | :    | ;    | :    | :    | 1       | :    | 1 6    | 0.017    | }      | ; ;  | O K  | ;     | ;    |      | 6.0    |
|   | BORON                                |                                      | :    | 14   | :    | :    | :    | :    | :       | ;    | : :    | <b>∞</b> | :      | : :  | 12   | :     | ;    | ; ,  | 1.6    |
|   | AMMONIA<br>NITROGEN<br>as N          |                                      | ;    | ;    | !    | !    | ;    | :    | \$<br>1 | ;    | 1      | !        | i<br>i | 1 :  | 230  |       | :    | 1 :  | 06     |
| - mg/l -                                | TRI-<br>VALENT<br>CHROMIUM           |                                      | ;    |      | 1    | :    | :    | ;    | :       | ;    | !<br>! | g        | }      | :    | 2    | !     | 1    | 4    | 0.04   |
|   | HEXA-<br>VALENT<br>CHROMIUM          |                                      | ;    | S    | !    | :    | ;    | ;    | }       | !    | 1      | 2        | ł      | :    | 2    | :     | :    | :    | Q.     |
|   | TOTAL KJELDAHL NITROGEN as N         |                                      |      | 310  | :    | •    | :    | :    | !!!     | :    |        | 390      | :      | 1    | 250  | 1     | :    | :    | 101    |
|   | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl |                                      | :    | 15   | :    | ;    | :    | 1    | :       | :    | 23.3   | 29.3     | 31     | 27   | 1.7  | 25    | 12   | 27   | 29.000 |
| 1                                       | TOTAL<br>ORGANIC<br>CARBON           |                                      | 1    | 54   | ;    | ;    | }    | ;    | :       | !    | 140    | 25       | 0.019  | 14   | 14   | 17    | 01   | 13   | 192    |
| 1                                       | SULFATE<br>(600)                     | *                                    | ì    | 2180 | :    | ;    | ;    | ;    | :       | ;    | 1      | 1610     | 1      | :    | 1370 | ł     | 1    | 1    | 200    |
|   | NITRATE + NITRITE AS N (10.0)        | *******                              | }    | Q    | -    | 1 1  | 1    | ;    | !       | !    | 1      | 1.4      | :      | :    | 3.5  | !!!   | !    | !    | 6.6    |
|   | CHLORIDE<br>(250)                    | FLOW ZONE                            | ì    | ;    | !    | ;    | ;    | :    | 1       | ;    | ;      | 364      | 1      | -    | 231  | 1 - 1 | 1    | 1    | 239    |
|   | SPECIFIC CONDUCTANCE umhos/cm        | ****** WELL NO. 16 ( UPPER FLOW ZONE | }    | 5300 | :    | :    | :    | ł    | 1<br>1  | ;    | 2930   | 4920     | 4530   | 4040 | 3330 | 3700  | 3800 | 611  | 2510   |
|   | pH<br>units<br>(6-9)                 | ELL NO. 1                            | ì    | 7.17 | : ;  | ;    | :    | ;    | ;       | ;    | 7.30   | 7.02     | 7.61   | 7,15 | 7.24 | 7.27  | 7.52 | 7.70 | 7.30   |
|   | QUARTER<br>R NO.                     | i≊:<br>*                             | -    | r =  | . ,  | . ~  | m    | 7    |         | 7    | m      | 4        | _      | 7    | m    | 4     | 4    | 7    | 3      |
| 7                                       | QUI<br>YEAR                          | ***                                  | 1002 | 1984 | 1985 | 1985 | 1985 | 1985 | 1986    | 1986 | 1986   | 3861     | 1987   | 1987 | 1987 | 1987  | 1988 | 368  | 886    |
|   |                                      |                                      |      |      |      |      |      |      |         |      |        |          |        |      |      |       |      |      |        |

NOTES : WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

OGC-003047

[------ mg/l -------

| QU<br>YEAR<br>                          | JARTER<br>NO. | pH<br>units<br>(6-9) | SPECIFIC<br>CONDUCTANCE<br>umhos/cm | CHLORIDE (250) | NITRATE + NITRITE AS N (10.0) | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL<br>KJELDAHL<br>NITROGEN<br>as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
|---|---------------|----------------------|-------------------------------------|----------------|-------------------------------|---------------|----------------------------|--------------------------------------|---------------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ME            | טא ענ                | 17 ( UPPER                          | LTON TOVE      | ,                             | -             |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1983                                    | 4             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1984                                    | 4             | 7.90                 | 695                                 |                | ND                            | 98            | 5.1                        | 3.1                                  | 1.5                                   | ND                          |                            |                             | 0.19  |                             | 4.1                | 0.11   |
| 1985                                    | 1             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985                                    | 2             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985                                    | 3             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985                                    | 4             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986                                    | 1             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986                                    | 2             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986                                    | 3             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986                                    | 4             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1987                                    | 1             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1987                                    | 2             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1987                                    | 3             | 7.37                 | 743                                 | 32             | 2.7                           | 116           | 4.7                        | 2.9                                  | 0.8                                   | ND                          | 0.32                       | 0.2                         | 0.12  | 0.32                        | 2.8                | 0.13   |
| 1987                                    | 4             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1988                                    | 1             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1988                                    | 2             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1988                                    | 3             |                      |                                     |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |

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NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

[----- mg/l ------]

|           |                |                      |  | -              |  |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
|-----------|----------------|----------------------|--|----------------|--|---------------|----------------------------|--------------------------------------|------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| Q<br>YEAR | QUARTER<br>NO. | pH<br>units<br>(6-9) | SPECIFIC<br>CONDUC-<br>TANCE<br>umhos/cm | CHLORIDE (250) | NITRATE +<br>NITRITE<br>AS N<br>(10.0) | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL KJELDAHL NITROGEN as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
| *****     | *** WE         | LL NO.               | 18 ( UPPER                               | FLOW ZONE      | ) *****                                | *             |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1983      | 4              |                      |  |                |  |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1984      | 4              |                      |  |                |  |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1985      | 1              |                      |  |                |  |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1985      | 2              |                      |  |                |  |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1985      | 3              |                      |  |                |  |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1985      | 4              |                      |  |                |  |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1986      | 1              |                      |  |                |  |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1986      | 2              |                      |  |                |  |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1986      | 3              | 7.54                 | 760                                      |                |  |               | 6.2                        | 4.9                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1986      | 4              | 7.25                 | 782                                      | 31             | 2.7                                    | 129           | 0.5                        | 6.02                                 | ND                           | ND                          | ND                         |                             | 0.13  | ND                          |                    | ND     |
| 1987      | 1              | 8.24                 | 793                                      |                |  |               | 2.4                        | 4.4                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1987      | 2              | 7.36                 | 798                                      |                |  |               | 1.1                        | 1.8                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1987      | 3              | 7.37                 | 79 <b>7</b>                              | 33             | 2.6                                    | 108           | 50                         | 1.9                                  | 0.4                          | ND                          | 0.01                       | ND                          | 0.15  | ND                          | ND                 | ND     |
| 1987      | 4              | 7.50                 | 740                                      |                |  |               | 2.1                        | 3.2                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1988      | 1              | 7.55                 | 739                                      |                |  |               | 0.8                        | 2.4                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1988      | 2              | 12.03                | 7440                                     |                |  |               | 2.7                        | 3.6                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1988      | 3              | 7.50                 | 774                                      | 31             | 3.1                                    | 122           | 3.4                        | 3.78                                 | ND                           | ND                          | ND                         | ND                          | 0.12  | ND                          | 0.009              | ND     |
|           |                |                      |  |                |  |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |

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ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

| QU<br>YEAR<br> | VARTER<br>NO.<br> | pH<br>units<br>(6-9) | SPECIFIC CONDUCTANCE umhos/cm | CHLORIDE (250) | NITRATE + NITRITE AS N (10.0) | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL<br>KJELDAHL<br>NITROGEN<br>as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
|----------------|-------------------|----------------------|-------------------------------|----------------|-------------------------------|---------------|----------------------------|--------------------------------------|---------------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| 1983           | 4                 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1984           | 4                 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985           | 1                 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985           | 2                 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985           | 3                 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985           | 4                 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 1                 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 2                 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 3                 |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986           | 4                 | 7.20                 | 934                           | 58             | 2.2                           | 145           | 1.1                        | 3.4                                  | ND                                    | ND                          | 0.043                      |                             | 0.3   | 0.043                       |                    | 0.01   |
| 1987           | 1                 | 8.18                 | 915                           |                |                               |               | 1.7                        | 2.6                                  |                                       |                             |                            |                             |       |                             |                    |        |
| 1987           | 2                 | 7.40                 | 884                           |                |                               |               | 1.2                        | 1.1                                  |                                       |                             |                            |                             |       |                             |                    |        |
| 1987           | 3                 | 7.45                 | 842                           | 54             | 0.9                           | 110           | 1.9                        | 2.7                                  | 0.2                                   | 0.02                        | 0.01                       | ND                          | 0.33  | 0.03                        | 0.11               | ND     |
| 1987           | 4                 | 7.48                 | 870                           |                |                               |               | 2                          | 2.7                                  |                                       |                             |                            |                             |       |                             |                    |        |
| 1988           | 1                 | 7.56                 | 946                           |                |                               |               | 1                          | 1.6                                  |                                       |                             |                            |                             |       |                             |                    |        |
| 1988           | 2                 | 7.71                 | 902                           |                |                               |               | 1.7                        | 2.7                                  |                                       |                             |                            |                             |       |                             |                    |        |
| 1988           | 3                 | 7.50                 | 869                           | 65             | 1.1                           | 131           | 3.4                        | 3.830                                | 0.4                                   | 0.02                        | ND                         | ND                          | 0.33  | 0.02                        | 0.11               | ND     |

NOTES: WHERE STATE STANDARDS SXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

[-----mg/] ------

| Q<br>YEAR<br> | UARTER<br>NO.<br><br>*** WE | pH<br>units<br>(6-9) | SPECIFIC CONDUCTANCE umhos/cm | CHLORIDE (250) | NITRATE + NITRITE AS N (10.0) | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL<br>KJELDAHL<br>NITROGEN<br>as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
|---------------|-----------------------------|----------------------|-------------------------------|----------------|-------------------------------|---------------|----------------------------|--------------------------------------|---------------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| 1983          | 4                           |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1984          | 4                           |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985          | 1                           |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985          | 2                           |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985          | 3                           |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985          | 4                           |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986          | 1                           |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986          | 2                           |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986          | 3                           |                      |                               |                |                               |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986          | 4                           | 7.48                 | 804                           | 30             | 0.3                           | 144           | 1.3                        | 0.19                                 | ND                                    | ND                          | ND                         |                             | 0.15  | ND                          |                    | ND     |
| 1987          | 1                           | 8.33                 | 789                           |                |                               |               | 2.7                        | 0.02                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1987          | 2                           | 7.63                 | 770                           |                |                               |               | 1.5                        | 0.43                                 |                                       |                             |                            |                             |       |                             | <b>-</b>           |        |
| 1987          | 3                           | 7.76                 | 687                           | 27             | 0.5                           | 11            | 1.8                        | 0.04                                 | 0.1                                   | ND                          | ND                         | ND                          | 0.16  | ND                          | 0.35               | ND     |
| 1987          | 4                           | 7.74                 | 720                           |                |                               |               | 1.9                        | ND                                   |                                       |                             |                            |                             |       |                             |                    |        |
| 1988          | 1                           | 7.77                 | 784                           |                |                               |               | 1.1                        | 0.02                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1988          | 2                           | 7.76                 | 753                           |                |                               |               | 1.5                        | 0.023                                |                                       |                             |                            |                             |       |                             |                    |        |
| 1988          | 3                           | 7.70                 | 704                           | 24             | 0.4                           | 116           | 2.6                        | 0.026                                | ND                                    | ND                          | ND                         | ND                          | 0.13  | ND                          | 0.31               | ND     |

NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

[------ mg/l ------

| YEAR<br> |   | pH<br>units<br>(6-9) | SPECIFIC CONDUCTANCE umhos/cm | CHLORIDE (250) | NITRATE + NITRITE AS N (10.0) | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL KJELDAHL NITROGEN as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
|----------|---|----------------------|-------------------------------|----------------|-------------------------------|---------------|----------------------------|--------------------------------------|------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| 1983     | 4 |                      |                               |                |                               |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1984     | 4 |                      |                               |                |                               |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1985     | 1 |                      |                               |                |                               |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1985     | 2 |                      |                               |                |                               |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1985     | 3 |                      |                               |                |                               |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1985     | 4 |                      |                               |                |                               |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1986     | l |                      |                               |                |                               |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1986     | 2 |                      |                               |                |                               |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1986     | 3 |                      |                               |                |                               |               |                            |                                      |                              |                             |                            |                             |       |                             |                    |        |
| 1986     | 4 | 7.26                 | 796                           | 30             | 2.2                           | 141           | 1                          | 3.5                                  | ND                           | ND                          | ND                         |                             | 0.12  | 0.006                       |                    | ND     |
| 1987     | 1 | 8.05                 | 753                           |                |                               |               | 1.1                        | 1.8                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1987     | 2 | 7.56                 | 744                           |                |                               |               | 0.9                        | 1.4                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1987     | 3 | 7.80                 | 746                           | 19             | 2.8                           | 106           | 3.2                        | 1.9                                  | ND                           | ND                          | ND                         | 0.1                         | 0.14  | ND                          | 0.15               | ND     |
| 1987     | 4 | 7.61                 | 753                           |                |                               |               | 0.2                        | 1.9                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1988     | 1 | 7.67                 | 729                           |                |                               |               | 0.9                        | 1.4                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1988     | 2 | 7.65                 | 749                           |                |                               |               | 0.7                        | 1.3                                  |                              |                             |                            |                             |       |                             |                    |        |
| 1988     | 3 | 7.60                 | 666                           | 22             | 2.6                           | 110           | 2.1                        | 0.910                                | ND                           | ND                          | ND                         | ND                          | 0.12  | ND                          | 0.14               | ND     |

NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

# OGC-003053

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 1 of 3

|           |               |                      |  | [              |  |               |                            |                                      |                                       |                             | - mg/l -                   |                             |       |                             |                    | ]      |
|-----------|---------------|----------------------|--|----------------|--|---------------|----------------------------|--------------------------------------|---------------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| Q<br>YEAR | UARTER<br>NO. | pH<br>units<br>(6-9) | SPECIFIC<br>CONDUC-<br>TANCE<br>umhos/cm | CHLORIDE (250) | NITRATE +<br>NITRITE<br>AS N<br>(10.0) | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL<br>KJELDAHL<br>NITROGEN<br>as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
| ******    | *** W         | ELL NO.              | 22 ( UPPER                               | FLOW ZONE      | ) ******                               | *             |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1983      | 4             |                      |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1984      | 4             |                      |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985      | 1             |                      |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985      | 2             |                      |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985      | 3             |                      |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985      | 4             |                      |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986      | 1             |                      |  | ~              |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986      | 2             |                      |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986      | 3             |                      |  |                |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986      | 4             | 7.79                 | 741                                      | 30             | 2.1                                    | 114           | 1.6                        | 0.773                                | 0.1                                   | ND                          | ND                         |                             | 0.17  | ND                          |                    | 0.01   |
| 1987      | 1             | 8.26                 | 743                                      |                |  |               | 2.6                        | 0.68                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1987      | 2             | 7.71                 | 736                                      |                |  |               | 1                          | 0.44                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1987      | 3             | 7.69                 | 678                                      | 31             | 2.4                                    | 89            | 3                          | 0.22                                 | 0.2                                   | ND                          | ND                         | ND                          | 0.16  | ND                          | 0.2                | ND     |
| 1987      | 4             | 7.75                 | 718                                      |                |  |               | 1.2                        | 0.37                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1988      | 1             | 7.83                 | 783                                      |                |  |               | 0.9                        | 0.43                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1988      | 2             | 7.65                 | 750                                      |                |  |               | 1.3                        | 0.36                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1988      | 3             | 7 70                 | 702                                      | 30             | 2.9                                    | 96            | 1 7                        | 0 310                                | 0.3                                   | מא                          | 0.04                       | ND                          | 0.33  | 0.04                        | 1.9                | 0.08   |

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ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

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|  | [ | mg/l | ] |  |
|--|---|------|---|--|
|--|---|------|---|--|

| Q<br>YEAR<br> | UARTER<br>NO.<br><br>*** WE | pH<br>units<br>(6-9) | SPECIFIC CONDUCTANCE umhos/cm | CHLORIDE<br>(250)<br><br>FLOW ZONE | NITRATE + NITRITE AS N (10.6) ) ******** | SULFATE (600) | TOTAL<br>ORGANIC<br>CARBON | TOTAL<br>ORGANIC<br>HALOGEN<br>as Cl | TOTAL<br>KJELDAHL<br>NITROGEN<br>as N | HEXA-<br>VALENT<br>CHROMIUM | TRI-<br>VALENT<br>CHROMIUM | AMMONIA<br>NITROGEN<br>as N | BORON | TOTAL<br>CHROMIUM<br>(0.05) | MANGANESE<br>(0.2) | NICKEL |
|---------------|-----------------------------|----------------------|-------------------------------|------------------------------------|--|---------------|----------------------------|--------------------------------------|---------------------------------------|-----------------------------|----------------------------|-----------------------------|-------|-----------------------------|--------------------|--------|
| 1983          | 4                           |                      |                               |                                    |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1984          | 4                           |                      |                               |                                    |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985          | 1                           |                      |                               |                                    |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985          | 2                           |                      |                               |                                    |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985          | 3                           |                      |                               |                                    |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1985          | 4                           |                      |                               |                                    |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986          | 1                           |                      |                               |                                    |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986          | 2                           |                      |                               |                                    |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986          | 3                           |                      |                               |                                    |  |               |                            |                                      |                                       |                             |                            |                             |       |                             |                    |        |
| 1986          | 4                           | 6.96                 | 1030                          | 56                                 | 2.8                                      | 132           | 1.3                        | 9.3                                  | 0.2                                   | 0.07                        | ND                         |                             | 0.65  | 0.072                       |                    | 0.03   |
| 1987          | 1                           | 7.92                 | 994                           |                                    |  |               | 11                         | 3.6                                  |                                       |                             |                            |                             |       |                             |                    |        |
| 1987          | 2                           | 7.45                 | 860                           |                                    |  |               | 1                          | 4.2                                  |                                       |                             |                            |                             |       |                             |                    |        |
| 1987          | 3                           | 7.53                 | 792                           | 40                                 | 2.8                                      | 98            | 2.1                        | 0.74                                 | 0.4                                   | ND                          | ND                         | 0.2                         | 0.58  | 0.02                        | 0.015              | ND     |
| 1987          | 4                           | 7.42                 | 1440                          |                                    |  |               | 4.9                        | 12                                   |                                       |                             |                            |                             |       |                             |                    |        |
| 1988          | 1                           | 7.39                 | 1480                          |                                    |  |               | 2                          | 9.8                                  |                                       |                             |                            |                             |       |                             |                    |        |
| 1988          | 2                           | 7.37                 | 1220                          |                                    |  |               | 2.7                        | 4.03                                 |                                       |                             |                            |                             |       |                             |                    |        |
| 1988          | 3                           | 7.50                 | 1080                          | 110                                | 2.6                                      | 115           | 6.7                        | 8.420                                | 0.5                                   | 0.06                        | 0.55                       | ND                          | 1.5   | 0.61                        | 0.097              | 0.23   |

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ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

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| 5    |               |          |                    |          |                                      |                |  |                    |                               |    |  | my/ 1                    |                                |  |   |  |   |                              | ]                               |
|------|---------------|----------|--------------------|----------|--------------------------------------|----------------|--|--------------------|-------------------------------|----|--|--------------------------|--------------------------------|--|---|--|---|------------------------------|---------------------------------|
| YEAR | QUARTI<br>NO. |          | Acrylo-<br>nitrile | Benzene  | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane |    | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | Chloro-<br>form<br>(0.1) | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di-<br>chloro-<br>ethylene<br>(0.005) | 1,2-Di-<br>chloro<br>propane | 1,3-Di-<br>chloro-<br>propylene |
| **** | ****          | WELL NO. | 05 ( UPPER         | FLOW ZON | E ) *****                            | ***            |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |
| 1983 | 4             | ND       | ND                 | ND       | ND                                   | ND             | ND                                     | ND                 | ND                            | ND | ND                                     | ND                       | ND                             | ND                                     | 0.007                                   | ND                                     | 0.018                                     | ND                           | ND                              |
| 1984 | 4             | ND       | ND                 | ND       | ND                                   | ND             | ND                                     | ND                 | ND                            | ND | ND                                     | ND                       | ND                             | ND                                     | ND                                      | ND                                     | 0.007                                     | ND                           | ND                              |
| 1985 | 1             |          |                    |          |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |
| 1985 | 2             |          |                    |          |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |
| 1985 | 3             |          |                    |          |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |
| 1985 | 4             |          |                    |          |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |
| 1986 | 1             |          |                    |          |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |
| 1986 | 2             |          |                    |          |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |
| 1986 | 3             |          |                    |          |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |
| 1986 | 4             |          |                    |          |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |
| 1987 | 1             |          |                    |          |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |
| 1987 | 2             |          |                    |          |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |
| 1987 | 3             |          |                    | ND       |                                      | ND             | ND                                     | ND                 | ND                            | ND | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | ND  | ND                           | ND                              |
| 1987 | 4             |          |                    |          |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |
| 1988 | 1             |          |                    |          |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |
| 1988 | 2             |          |                    |          |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |
| 1988 | 3             |          |                    |          |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |                              |                                 |

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ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

## OGC-003056

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 2 of 3

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| 9     |  | [             |                    |         |                                      |                |  |                    |                               |                   |  | mg/l -                   |                                |  |   |  |        |     | ]                               |
|-------|--|---------------|--------------------|---------|--------------------------------------|----------------|--|--------------------|-------------------------------|-------------------|--|--------------------------|--------------------------------|--|---|--|--------|-----|---------------------------------|
| YEAR  | QUARTE<br>NO.  | R<br>Acrolein | Acrylo-<br>nitrile | Benzene | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane | Chloro-<br>ethane | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | Chloro-<br>form<br>(0.1) | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) |        |     | 1,3-Di-<br>chloro-<br>propylene |
| ***** | ******** WELL NO. 06 ( UPPER FLOW ZONE ) *********************************** |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |        |     |                                 |
| 1983  | 4  | ND            | ND                 | ND      | ND                                   | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             | ND                                     | ND                                      | ND                                     | ND     | ND  | ND                              |
| 1984  | 4  | ND            | ND                 | ND      | ND                                   | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             | ND                                     | ND                                      | ND                                     | 0.028  | ND  | ND                              |
| 1985  | 1  |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |        |     |                                 |
| 1985  | 2  |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |        |     |                                 |
| 1985  | 3  | BDL           | BDL                | BDL     | BDL                                  | BDL            | BDL                                    | BDL                | BDL                           | BDL               | BDL                                    | BDL                      | BDL                            | BDL                                    | BDL                                     | BDL                                    | 0.027  | BDL | BDL                             |
| 1985  | 4  |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |        |     |                                 |
| 1986  | 1  |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.035  |     |                                 |
| 1986  | 2  |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.014  |     |                                 |
| 1986  | 3  |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.046  |     |                                 |
| 1986  | 4  | BDL           | BDL                | BDL     |                                      | BDL            | BDL                                    | BDL                | BDL                           | BDL               | BDL                                    | BDL                      | BDL                            |  | BDL                                     | BDL                                    | 0.033  | BDL | BDL                             |
| 1987  | 1  |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.027  |     |                                 |
| 1987  | 2  |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.028  |     |                                 |
| 1987  | 3  |               |                    | ND      |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.04   | ND  | ND                              |
| 1987  | 4  |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.04   |     |                                 |
| 1988  | 1  |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.021  |     |                                 |
| 1988  | 2  |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.011  |     |                                 |
| 1988  | 3  |               |                    | ND      |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.0079 | ND  | ND                              |
|       |  |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |        |     |                                 |

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NOTES : WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

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| 7     |   | [              |                    |         |                                      |                |  |                    |                               |    |  | mg/i ~                   |                                |  |   |  |   |    | ]                               |
|-------|---|----------------|--------------------|---------|--------------------------------------|----------------|--|--------------------|-------------------------------|----|--|--------------------------|--------------------------------|--|---|--|---|----|---------------------------------|
| YEAR  | QUARTE<br>NO.   | ER<br>Acrolein | Acrylo-<br>nitrile | Benzene | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane |    | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | Chloro-<br>form<br>(0.1) | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di-<br>chloro-<br>ethylene<br>(0.005) |    | 1,3-Di-<br>chloro-<br>propylene |
| ***** | ******* WELL NO. 07 ( UPPER PLOW ZONE ) *********************************** |                |                    |         |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |    |                                 |
| 1983  | 4   | ND             | ND                 | ND      | ND                                   | ND             | ND                                     | ND                 | ND                            | ND | ND                                     | ND                       | ND                             | ND                                     | ND                                      | ND                                     | 0.017                                     | ND | ND                              |
| 1984  | 4   | ND             | ND                 | ND      | ND                                   | ND             | ND                                     | ND                 | ND                            | ND | ND                                     | ND                       | ND                             | ND                                     | ND                                      | ND                                     | 0.11                                      | ND | ND                              |
| 1985  | 1   |                |                    |         |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |    |                                 |
| 1985  | 2   |                |                    |         |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |    |                                 |
| 1985  | 3   |                |                    |         |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |    |                                 |
| 1985  | 4   |                |                    |         |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |    |                                 |
| 1986  | 1   |                |                    |         |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |    |                                 |
| 1986  | 2   |                |                    |         |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |    |                                 |
| 1986  | 3   |                |                    |         |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |    |                                 |
| 1986  | 4   |                |                    |         |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |    |                                 |
| 1987  | 1   |                |                    |         |                                      |                |  |                    |                               |    | ~                                      |                          |                                |  |   |  |   |    |                                 |
| 1987  | 2   |                |                    |         |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |    |                                 |
| 1987  | 3   |                |                    | ND      |                                      | ND             | ND                                     | ND                 | ND                            | ND | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.034                                     | ND | ND                              |
| 1987  | 4   |                |                    |         |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |    |                                 |
| 1988  | 1   |                |                    |         |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |    |                                 |
| 1988  | 2   |                |                    |         |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |    |                                 |
| 1988  | 3   |                |                    |         |                                      |                |  |                    |                               |    |  |                          |                                |  |   |  |   |    |                                 |

NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

## <sub>'GC</sub>-003058

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 2 of 3

| 058   |   | [              |                    |         |                                      |                |  |                    |                               |                   |  | mg/l -                   |                                |  |   |  |   |                              | ]                               |
|-------|---|----------------|--------------------|---------|--------------------------------------|----------------|--|--------------------|-------------------------------|-------------------|--|--------------------------|--------------------------------|--|---|--|---|------------------------------|---------------------------------|
| YEAR  | QUARTE<br>NO.                                       | R<br>Acrolein  | Acrylo-<br>nitrile | Benzene | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane | Chloro-<br>ethane | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | Chloro-<br>form<br>(0.1) | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di-<br>chloro-<br>ethylene<br>(0.005) | 1,2-Di-<br>chloro<br>propane | 1,3-Di-<br>chloro-<br>propylene |
| ***** | ********* WELL NO. 08 ( UPPER FLOW ZONE ) ********* |                |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1983  | 4   | ND             | ND                 | ND      | ND                                   | מא             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             | ND                                     | ND                                      | ND                                     | ND  | ND                           | ND                              |
| 1984  | 4   | ND             | ND                 | ND      | ND                                   | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             | ND                                     | ND                                      | ND                                     | 22  | ND                           | ND                              |
| 1985  | 1   |                |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | 2   |                |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | 3   | BDL            | BDL                | EDL     | BDL                                  | BDL            | BDL                                    | BDL                | BDL                           | BDL               | BDL                                    | BDL                      | BDL                            | BDL                                    | BDL                                     | BDL                                    | 0.013                                     | BDL                          | BDL                             |
| 1985  | 4   |                |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986  | 1   |                |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.0084                                    |                              |                                 |
| 1986  | 2   |                |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.013                                     |                              |                                 |
| 1986  | 3   |                |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.01                                      |                              |                                 |
| 1986  | 4   | $\mathtt{BDL}$ | BDL                | BDL     |                                      | BDL            | BDL                                    | BDL                | BDL                           | BDL               | BDL                                    | BDL                      | BDL                            |  | BDL                                     | BDL                                    | 0.009                                     | BDL                          | BDL                             |
| 1987  | 1   |                |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.002                                     |                              |                                 |
| 1987  | 2   |                |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.0042                                    |                              |                                 |
| 1987  | 3   |                |                    | ND      |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ИD                             |  | ND                                      | ND                                     | ND  | ND                           | ND                              |
| 1987  | 4   |                |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | ND  |                              |                                 |
| 1988  | 1   |                |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | ND  |                              |                                 |
| 1988  | 2   |                |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | ND  |                              |                                 |
| 1988  | 3   |                |                    | ND      |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.011                                     | ND                           | ND                              |
|       |   |                |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |

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NOTES : WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

[-----mg/l ------

|       |               | •             |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              | •                               |
|-------|---------------|---------------|--------------------|---------|--------------------------------------|----------------|--|--------------------|-------------------------------|-------------------|--|--------------------------|--------------------------------|--|---|--|---|------------------------------|---------------------------------|
| YEAR  | QUARTE<br>NO. | R<br>Acrolein | Acrylo-<br>nitrile | Benzene | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane | Chloro-<br>ethane | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | Chloro-<br>form<br>(0.1) | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di-<br>chloro-<br>ethylene<br>(0.005) | 1,2-Di-<br>chloro<br>propane | 1,3-Di-<br>chloro-<br>propylene |
| ***** |               |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1983  | 4             | ND            | ND                 | 0.02    | ND                                   | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             | ND                                     | 0.13                                    | ND                                     | 2.5                                       | מא                           | ND                              |
| 1984  | 4             | ND            | ND                 | 0.016   | ND                                   | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | 0.057                    | ND                             | ND                                     | 0.12                                    | ND                                     | 1.2                                       | ND                           | ND                              |
| 1985  | 1             |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | 2             |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | 3             | BDL           | BDL                | 0.007   | BDL                                  | BDL            | BDL                                    | EDL                | BDL                           | BDL               | BDL                                    | 0.028                    | BDL                            | BDL                                    | 0.035                                   | BDL                                    | 1.3                                       | BDL                          | BDL                             |
| 1985  | 4             |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986  | 1             |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 1.3                                       |                              |                                 |
| 1986  | 2             |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 1.2                                       |                              |                                 |
| 1986  | 3             |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.74                                      |                              |                                 |
| 1986  | 4             | BDL           | BDL                | BDL     |                                      | BDL            | BDL                                    | BDL                | BDL                           | BDL               | BDL                                    | BDL                      | BDL                            |  | BDL                                     | BDL                                    | 0.4                                       | BDL                          | BDL                             |
| 1987  | 1             |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.31                                      |                              |                                 |
| 1987  | 2             |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.260                                     |                              |                                 |
| 1987  | 3             |               |                    | ND      |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.60                                      | ND                           | ND                              |
| 1987  | 4             |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.59                                      |                              |                                 |
| 1988  | 1             |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.49                                      |                              |                                 |
| 1988  | 2             |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.35                                      |                              |                                 |
| 1988  | 3             |               |                    | ND      |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.660                                     | ND                           | ND                              |
|       |               |               |                    |         |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |

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NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

## OGC-003060

SPARTON TECHNOLOGY, INC.
COORS ROAD FACILITY
GROUNDWATER MONITORING RESULTS

PART 2 of 3

[------ mg/l ------

| $\sim$ |  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  |   |         |                    |
|--------|--|----------|--------------------|---------|--------------------------------------|----------------|--|--------------------|-------------------------------|--------|--|--------------------------|--------------------------------|--|---|--|---|---------|--------------------|
|        | QUARTER<br>YEAR NO. Acrolein                     |          | Acrylo-<br>nitrile | Benzene | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane |        | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | Chloro-<br>form<br>(0.1) | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di-<br>chloro-<br>ethylene<br>(0.005) |         | 1,3-Di-<br>chloro- |
| ILAK   | NO.  | ACTOTETH | HILLITE            | benzene | ether                                | LOIM           | (0.01)                                 | penzene            | methane                       | ethane | ether                                  | (0.1)                    | methane                        | mechane                                | (0.023)                                 | (0.01)                                 | (0.003)                                   | propane | propylene          |
|        |  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  |   |         |                    |
| ****   | ******* WELL NO. 10 ( LOWER FLOW ZONE ) ******** |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  |   |         |                    |
| 1983   | 4  | ND       | ND                 | ND      | ND                                   | ND             | ND                                     | ND                 | ND                            | ND     | ND                                     | ND                       | ND                             | ND                                     | ND                                      | ND                                     | ND  | ND      | ND                 |
| 1984   | 4  | ND       | ND                 | ND      | ND                                   | ND             | ND                                     | ND                 | ND                            | ND     | ND                                     | ND                       | ND                             | ND                                     | ND                                      | ND                                     | ND  | ND      | ND                 |
| 1985   | 1  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  |   |         |                    |
| 1985   | 2  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  |   |         |                    |
| 1985   | 3  | BDL      | BDL                | BDL     | BDL                                  | BDL            | BDL                                    | BDL                | BDL                           | BDL    | BDL                                    | BDL                      | BDL                            | BDL                                    | BDL                                     | BDL                                    | 0.005                                     | BDL     | BDL                |
| 1985   | 4  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  |   |         |                    |
| 1986   | 1  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  | 0.007                                     |         |                    |
| 1986   | 2  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  | 0.046                                     |         |                    |
| 1986   | 3  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  | 0.0093                                    |         |                    |
| 1986   | 4  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  |   |         |                    |
| 1987   | 1  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  |   |         |                    |
| 1987   | 2  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  |   |         |                    |
| 1987   | 3  |          |                    | ND      |                                      | ND             | ND                                     | ND                 | ND                            | ND     | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.19                                      | ND      | ND                 |
| 1987   | 4  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  |   |         |                    |
| 1988   | 1  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  |   |         |                    |
| 1988   | 2  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  |   |         |                    |
| 1988   | 3  |          |                    |         |                                      |                |  |                    |                               |        |  |                          |                                |  |   |  |   |         |                    |

NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 2 of 3

| 3061<br>YEAR | QUAR' |            | Acrylo-<br>nitrile | Benzene   | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane | Chloro- | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | 9/ 1 | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di-<br>chloro-<br>ethylene<br>(0.005) | 1,2-Di-<br>chloro<br>propane | 1,3-Di-<br>chloro-<br>propylene |
|--------------|-------|------------|--------------------|-----------|--------------------------------------|----------------|--|--------------------|-------------------------------|---------|--|------|--------------------------------|--|---|--|---|------------------------------|---------------------------------|
| *****        | ****  | WELL NO. 1 | ll ( LOWER         | FLOW ZONE | E ) *****                            | ***            |  |                    |                               |         |  |      |                                |  |   |  |   |                              |                                 |
| 1983         | 4     | ND         | ND                 | ND        | ND                                   | ND             | ND                                     | ND                 | ND                            | ND      | ND                                     | ND   | ND                             | ND                                     | ND                                      | ND                                     | ND  | ND                           | ND                              |
| 1984         | 4     | ND         | ND                 | ND        | ND                                   | ND             | ND                                     | ND                 | ND                            | ND      | ND                                     | ND   | ND                             | ND                                     | ND                                      | ND                                     | ND  | ND                           | ND                              |
| 1985         | 1     |            |                    |           |                                      |                |  |                    |                               |         |  |      |                                |  |   |  |   |                              |                                 |
| 1985         | 2     |            |                    |           |                                      |                |  |                    |                               |         |  |      |                                |  |   |  |   |                              |                                 |
| 1985         | 3     | BDL        | BDL                | BDL       | BDL                                  | BDL            | BDL                                    | BDL                | BDL                           | BDL     | BDL                                    | BDL  | BDL                            | BDL                                    | BDL                                     | BDL                                    | BDL                                       | BDL                          | BDL                             |
| 1985         | 4     |            |                    |           |                                      |                |  |                    |                               |         |  |      |                                |  |   |  |   |                              |                                 |
| 1986         | 1     |            |                    |           |                                      |                |  |                    |                               |         |  |      |                                |  |   |  | ND  |                              |                                 |
| 1986         | 2     |            |                    |           |                                      |                |  |                    |                               |         |  |      |                                |  |   |  | ND  |                              |                                 |
| 1986         | 3     |            |                    |           |                                      |                |  |                    |                               |         |  |      |                                |  |   |  | ND  |                              |                                 |
| 1986         | 4     | BDL        | BDL                | BDL       |                                      | BDL            | BDL                                    | BDL                | BDL                           | BDL     | BDL                                    | BDL  | BDL                            |  | BDL                                     | BDL                                    | BDL                                       | BDL                          | BDL                             |
| 1987         | 1     |            |                    |           |                                      |                |  |                    |                               |         |  |      |                                |  |   |  | ND  |                              |                                 |
| 1987         | 2     |            |                    |           |                                      |                |  |                    |                               |         |  |      |                                |  |   |  | ND  |                              |                                 |
| 1987         | 3     |            |                    | ND        |                                      | ND             | ND                                     | ND                 | ND                            | ND      | ND                                     | ND   | ND                             |  | ND                                      | ND                                     | ND  | ND                           | ND                              |
| 1987         | 4     |            |                    |           |                                      |                |  |                    |                               |         |  |      |                                |  |   |  | ND  |                              |                                 |
| 1988         | 1     |            |                    |           |                                      |                |  |                    |                               |         |  |      |                                |  |   |  | ND  |                              |                                 |
| 1988         | 2     |            |                    |           |                                      |                |  |                    |                               |         |  |      |                                |  |   |  | ND  |                              |                                 |
| 1988         | 3     |            |                    | ND        |                                      | ND             | ND                                     | ND                 | ND                            | ND      | ND                                     | ND   | ND                             |  | ND                                      | ND                                     | ND  | ND                           | ND                              |

NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

ND = NOT DETECTED; BDL = BELOW DETECTION LIMITS; --- = NOT TESTED.

SPARTON TECHNOLOGY, INC.
COORS ROAD PACILITY
GROUNDWATER MONITORING RESULTS
PART 2 of 3

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| )62  |            | [                  |                    |           |                                      |                |  | · <b></b>          |                               |                   |  | - mg/l -                 |                                |  |   |  |   |    | ]                               |
|------|------------|--------------------|--------------------|-----------|--------------------------------------|----------------|--|--------------------|-------------------------------|-------------------|--|--------------------------|--------------------------------|--|---|--|---|----|---------------------------------|
|      | QUAR<br>NC | TER<br>). Acrolein | Acrylo-<br>nitrile | Benzene   | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane | Chloro-<br>ethane | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | Chloro-<br>form<br>(0.1) | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di-<br>chloro-<br>ethylene<br>(0.005) |    | 1,3-Di-<br>chloro-<br>propylene |
| **** | ****       | WELL NO.           | 12 ( UPPER         | FLOW ZONE | E ) *****                            | ***            |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1983 | 4          |                    |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1984 | 3          | ND                 | ND                 | ND        | ND                                   | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             | ND                                     | ND                                      | ND                                     | ND  | ND | ND                              |
| 1985 | 1          |                    |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1985 | 2          |                    |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1985 | 3          |                    |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1985 | 4          |                    |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1986 | 1          |                    |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1986 |            |                    |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1986 |            | }                  |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1986 | 4          |                    |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1987 | 1          |                    |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1987 | 2          |                    |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1987 | 3          |                    |                    | ND        |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.38                                      | ND | ND                              |
| 1987 | 4          |                    |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1988 | 1          |                    |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1988 | 2          |                    |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |
| 1988 | 3          |                    |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |    |                                 |

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NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

| OGC-003      |        |          |         |         |                             |        |                              |         | CC<br>GROUNDW | OORS ROAD<br>NATER MONI<br>PART 2 o | TORING RES                    | ULTS            |                     |                                       |                              |                              |          |         |                    |
|--------------|--------|----------|---------|---------|-----------------------------|--------|------------------------------|---------|---------------|-------------------------------------|-------------------------------|-----------------|---------------------|---------------------------------------|------------------------------|------------------------------|----------|---------|--------------------|
| 90           |        | [        |         |         |                             |        |                              |         |               |                                     |                               | mg/l -          |                     | · · · · · · · · · · · · · · · · · · · |                              |                              |          |         | ]                  |
| ω            | QUARTE |          | Acrylo- |         | Bis-<br>(chloro-<br>methyl) | Bromo- | Carbon<br>tetra-<br>chloride | Chloro- |               | Chloro-                             | 2-Chloro-<br>ethyl-<br>vinyl- | Chloro-<br>form | Dichloro-<br>bromo- | difluoro-                             | 1,1-Di-<br>chloro-<br>ethane | 1,2-Di-<br>chloro-<br>ethane | ethylene |         | 1,3-Di-<br>chloro- |
| YEAR         | NO.    | Acrolein | nitrile | Benzene | ether                       | form   | (0.01)                       | benzene | methane       | ethane                              | ether                         | (0.1)           | methane             | methane                               | (0.025)                      | (0.01)                       | (0.005)  | propane | propylene          |
| 1983<br>1984 | 4      | nd       | nd      | nd      | л <b>о</b>                  | nd     | <br>ND                       | nd      | ND            | nd                                  | nd                            | 0.015           | <br>ND              | ND                                    | 0.013                        | ND                           | 0.82     | ND      | ND                 |
| 1985<br>1985 | 1      |          |         |         |                             |        |                              |         |               |                                     |                               |                 |                     |                                       |                              |                              |          |         |                    |
| 1985         | 3      |          |         |         |                             |        |                              |         |               |                                     |                               |                 |                     |                                       |                              |                              |          |         |                    |
| 1985         | 4      |          |         |         |                             |        |                              |         |               |                                     |                               |                 |                     |                                       |                              |                              |          |         |                    |
| 1986         | 1      |          |         |         |                             |        |                              |         |               |                                     |                               |                 |                     |                                       |                              |                              |          |         |                    |
| 1986         | 2      |          |         |         |                             |        |                              |         |               |                                     |                               |                 |                     |                                       |                              |                              |          |         |                    |
| 1986         | 3      |          |         |         |                             |        |                              |         |               |                                     |                               |                 |                     |                                       |                              |                              |          |         |                    |
| 1986         | 4      |          |         |         |                             |        |                              |         |               |                                     |                               |                 |                     |                                       |                              |                              |          |         |                    |
| 1987         | 1      |          |         |         |                             |        |                              |         |               |                                     |                               |                 |                     |                                       |                              |                              |          |         |                    |
| 1987         | 2      |          |         |         |                             | ND.    | ND.                          | ND.     |               | wn.                                 | ND.                           | ND.             | ND                  |                                       | ND.                          | ND                           | 0.12     | ND.     | ND.                |
| 1987         | 3      |          |         | ND      |                             | ND     | ND                           | ND      | ND            | ND<br>                              | ND                            | ND              | ND                  |                                       | ND                           | עא                           | 0.12     | ND      | ND                 |
| 1987<br>1988 | 1      |          |         |         |                             |        |                              |         |               |                                     |                               |                 |                     |                                       |                              |                              |          |         |                    |
| 1988         | 2      |          |         |         |                             |        |                              |         |               |                                     |                               |                 |                     |                                       |                              |                              |          |         |                    |
| 1988         | 3      |          |         |         |                             |        |                              |         |               |                                     |                               |                 |                     |                                       |                              |                              |          |         |                    |

NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 2 of 3

| 030        |               | [          |            |           |                             |                |  |                    |         |         |  | mg/l - |                                |     |   |  |         |         |                    |
|------------|---------------|------------|------------|-----------|-----------------------------|----------------|--|--------------------|---------|---------|--|--------|--------------------------------|-----|---|--|---------|---------|--------------------|
| 64<br>YEAR | QUARTI<br>NO. |            | Acrylo-    | Benzene   | Bis-<br>(chloro-<br>methyl) | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro- | Chloro- | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether |        | Dichloro-<br>bromo-<br>methane | Di- | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di- | 1,2-Di- | 1,3-Di-<br>chloro- |
| *****      | ****          | WELL NO. 3 | .4 ( UPPER | FLOW ZONE | E ) *****                   | ***            |  |                    |         |         |  |        |                                |     |   |  |         |         |                    |
| 1983       | 4             |            |            |           |                             |                |  |                    |         |         |  |        |                                |     |   |  |         |         |                    |
| 1984       | 4             | ND         | ND         | 0.009     | ND                          | ND             | ND                                     | ND                 | ND      | ND      | ND                                     | 0.034  | ND                             | ND  | 0.017                                   | ND                                     | 1       | ND      | ND                 |
| 1985       | 1             |            |            |           |                             |                |  |                    |         |         |  |        |                                |     |   |  |         |         |                    |
| 1985       | 2             |            |            |           |                             |                |  |                    |         |         |  |        |                                |     |   |  |         |         |                    |
| 1985       | 3             |            |            |           |                             |                |  |                    |         |         |  |        |                                |     |   |  |         |         |                    |
| 1985       | 4             |            |            |           |                             |                |  |                    |         |         |  |        |                                |     |   |  |         |         |                    |
| 1986       | 1             |            |            |           |                             |                |  |                    |         |         |  |        |                                |     |   |  |         |         |                    |
| 1986       | 2             |            |            |           |                             |                |  |                    |         |         |  |        |                                |     |   |  |         |         |                    |
| 1986       | 3             |            |            |           |                             |                |  |                    |         |         |  |        |                                |     |   |  |         |         |                    |
| 1986       | 4             | BDL        | BDL        | BDL       |                             | BDL            | BDL                                    | BDL                | BDL     | BDL     | BDL                                    | BDL    | BDL                            |     | BDL                                     | $\mathtt{BDL}$                         | 0.31    | BDL     | BDL                |
| 1987       | 1             |            |            |           |                             |                |  |                    |         |         |  |        |                                |     |   |  | 0.23    |         |                    |
| 1987       | 2             |            |            |           |                             |                |  |                    |         |         |  |        |                                |     |   |  | 0.065   |         |                    |
| 1987       | 3             |            |            | ND        |                             | ND             | ND                                     | ND                 | ND      | ND      | ND                                     | ND     | ND                             |     | ND                                      | ND                                     | ND      | ND      | ND                 |
| 1987       | 4             |            |            |           |                             |                |  |                    |         |         |  |        |                                |     |   |  | 0.13    |         |                    |
| 1988       | 1             |            |            |           |                             |                |  |                    |         |         |  |        |                                |     |   |  | ND      |         |                    |
| 1988       | 2             |            |            |           |                             |                |  |                    |         |         |  |        |                                |     |   |  | ND      |         |                    |
| 1988       | 3             |            |            | ND        |                             | ND             | ND                                     | ND                 | ND      | ND      | ND                                     | ND     | ND                             |     | ND                                      | ND                                     | ND      | ND      | ND                 |
|            |               |            |            |           |                             |                |  |                    |         |         |  |        |                                |     |   |  |         |         |                    |

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SPARTON TECHNOLOGY, INC.
COORS ROAD FACILITY
GROUNDWATER MONITORING RESULTS
PART 2 of 3

| G     |           |            |            |          |                  |        | - 1              |         |         |         |                     |         |           | <b>n</b> ! |                    | 1 0 2              | 1 1 5    |         |           |
|-------|-----------|------------|------------|----------|------------------|--------|------------------|---------|---------|---------|---------------------|---------|-----------|------------|--------------------|--------------------|----------|---------|-----------|
|       |           |            |            |          | Bis-<br>(chloro- |        | Carbon<br>tetra- |         | Chloro- |         | 2-Chloro-<br>ethyl- | Chloro- | Dichloro- |            | 1,1-Di-<br>chloro- | 1,2-Di-<br>chloro- |          | 1,2-Di- | 1,3-Di-   |
|       | QUARTI    |            | Acrylo-    |          | methyl)          | Bromo- | chloride         | Chloro- |         | Chloro- | vinyl-              | form    | bromo-    | difluoro-  | ethane             | ethane             | ethylene |         | chloro-   |
| YEAR  | NO.       | Acrolein   | nitrile    | Benzene  | ether            | form   | (0.01)           | benzene | methane | ethane  | ether               | (0.1)   | methane   | methane    | (0.025)            | (0.01)             | (0.005)  | propane | propylene |
|       |           |            |            |          |                  |        |                  |         |         |         |                     |         |           |            |                    |                    |          |         |           |
| ***** | . 4 4 4 4 |            | r / HDDED  | DIOU TON | - 1 +++++        | ****   |                  |         |         |         |                     |         |           |            |                    |                    |          |         |           |
| ***** |           | WELL NO. 1 | .5 ( UPPER | LPOM TOW | <u> </u>         |        |                  |         |         |         |                     |         |           |            |                    |                    |          |         |           |
| 1983  | 4         |            |            |          |                  |        |                  |         |         |         |                     |         |           |            |                    |                    |          |         |           |
| 1984  | 4         | ND         | ND         | ND       | ND               | ND     | ND               | ND      | ND      | ND      | ND                  | ND      | ND        | ND         | ND                 | ND                 | 0.085    | ND      | ND        |
| 1985  | i         |            |            |          |                  |        |                  |         |         |         |                     |         |           |            |                    |                    |          |         |           |
| 1985  | 2         |            |            |          |                  |        |                  |         |         |         |                     |         |           |            |                    |                    |          |         |           |
| 1985  | 3         |            |            |          |                  |        |                  |         |         |         |                     |         |           |            |                    |                    |          |         |           |
| 1985  | A         |            |            |          |                  |        |                  |         |         |         |                     |         |           |            |                    |                    |          |         |           |
| 1986  | 1         |            |            |          |                  |        |                  |         |         |         |                     |         |           |            |                    |                    |          |         |           |
| 1986  | 2         |            |            |          |                  |        |                  |         |         |         |                     |         |           |            |                    |                    |          |         |           |
| 1986  | 3         |            |            |          |                  |        |                  |         |         |         |                     |         |           |            |                    |                    |          |         |           |
| 1986  | 1         | BDL        | BDL        | BDL      |                  | BDL    | BDL              | BDL     | BDL     | BDL     | BDL                 | BDL     | BDL       |            | BDL                | BDL                | 0.046    | BDL     | BDL       |
| 1987  | 1         | 506        |            |          |                  |        |                  |         |         |         |                     |         |           |            |                    |                    | ND       |         |           |
| 1987  | 2         |            |            |          |                  |        |                  |         |         |         |                     |         |           |            |                    |                    | 0.021    |         |           |
| 1987  | 2         |            |            | ND       |                  | ND     | ND               | ND      | ND      | ND      | ND                  | ND      | ND        |            | ND                 | ND                 | 0.03     | ND      | ND        |
|       | 3         |            |            |          |                  | ND     | MD               | ND      | MD.     | ND      | מת                  | 112     |           |            |                    |                    | 0.028    |         |           |
| 1987  | 4         |            |            |          |                  |        |                  |         |         |         |                     |         |           |            |                    |                    | 0.016    |         |           |
| 1988  | Ţ         |            |            |          |                  |        |                  |         |         |         |                     |         |           |            |                    |                    | ND       |         |           |
| 1988  | 2         |            |            |          |                  |        |                  |         |         |         |                     |         |           |            |                    |                    |          |         |           |
| 1988  | 3         |            |            | ND       |                  | ND     | ND               | ND      | ND      | ND      | ND                  | ND      | ND        |            | ND                 | ND                 | ND       | ND      | ND        |

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#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 2 of 3

| 99(   |               | [              |                    |           |                                      |                |  |                    |                               |                   |  | mg/l -                   |                                |  |   |  |   |                              | ]                               |
|-------|---------------|----------------|--------------------|-----------|--------------------------------------|----------------|--|--------------------|-------------------------------|-------------------|--|--------------------------|--------------------------------|--|---|--|---|------------------------------|---------------------------------|
| YEAR  | QUARTI<br>NO. | ER<br>Acrolein | Acrylo-<br>nitrile | Benzene   | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane | Chloro-<br>ethane | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | Chloro-<br>form<br>(0.1) | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di-<br>chloro-<br>ethylene<br>(0.005) | 1,2-Di-<br>chloro<br>propane | 1,3-Di-<br>chloro-<br>propylene |
| ***** | ****          | WELL NO. 1     | 6 ( UPPER          | FLOW ZONE | E ) *****                            | ***            |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1983  | 4             |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1984  | 4             | ND             | ND                 | 0.058     | ND                                   | ND             | ND                                     | 0.016              | ND                            | 0.045             | ND                                     | 0.025                    | ND                             | ND                                     | 3.2                                     | ND                                     | 3.1                                       | ND                           | ND                              |
| 1985  | 1             |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | 2             |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | 3             |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | 4             |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986  | i             |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986  | 2             |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986  | 3             |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 2.2                                       |                              |                                 |
| 1986  | 4             | BDL            | BDL                | BDL       |                                      | BDL            | BDL                                    | BDL                | BDL                           | BDL               | BDL                                    | BDL                      | BDL                            |  | BDL                                     | BDL                                    | 3.5                                       | BDL                          | BDL                             |
| 1987  | i             |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 2.2                                       |                              |                                 |
| 1987  | 2             |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 1.9                                       |                              |                                 |
| 1987  | 3             |                |                    | ND        |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 2.2                                       | ND                           | ND                              |
| 1987  | 4             |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 1.6                                       |                              |                                 |
| 1988  | i             |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 1.4                                       |                              |                                 |
| 1988  | 2             |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 1.4                                       |                              |                                 |
| 1988  | 3             |                |                    | ND        |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 1.900                                     | ND                           | ND                              |

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COORS ROAD FACILITY
GROUNDWATER MONITORING RESULTS
PART 2 of 3

| 9    |               | ι              |                    |          |                                      |                |  |                    |                               |                   |  | mg/ 1                    |                                |  |   |  |   |                              | ,                               |
|------|---------------|----------------|--------------------|----------|--------------------------------------|----------------|--|--------------------|-------------------------------|-------------------|--|--------------------------|--------------------------------|--|---|--|---|------------------------------|---------------------------------|
| YEAR | QUARTE<br>NO. | ER<br>Acrolein | Acrylo-<br>nitrile | Benzene  | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane | Chloro-<br>ethane | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | Chloro-<br>form<br>(0.1) | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di-<br>chloro-<br>ethylene<br>(0.005) | 1,2-Di-<br>chloro<br>propane | 1,3-Di-<br>chloro-<br>propylene |
| **** | ***           | WELL NO.       | 17 ( UPPER         | FLOW ZON | E ) *****                            | ***            |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1983 | 4             |                |                    |          |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1984 | 4             | ND             | ND                 | ND       | ND                                   | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             | ND                                     | 1.9                                     | ND                                     | 0.26                                      | ND                           | מא                              |
| 1985 | 1             |                |                    |          |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985 | 2             |                |                    |          |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985 | 3             |                |                    |          |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985 | 4             |                |                    |          |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986 | 1             |                |                    |          |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986 | 2             |                |                    |          |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986 | 3             |                |                    |          |                                      |                |  |                    | ~~~                           |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986 | 4             |                |                    |          |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1987 | 1             |                |                    |          |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1987 | 2             |                |                    |          |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1987 | 3             |                |                    | ND       |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ИD                                     | 0.43                                      | ND                           | ND                              |
| 1987 | 4             |                |                    |          |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1988 | 1             |                |                    |          |                                      | -~-            |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1988 | 2             |                |                    |          |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1988 | 3             |                |                    |          |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |

NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 2 of 3

[------ mg/]

|       |        | [             |                    |           |                                      |                |  |                    |                               |                   |  | mg/1 -                   |                                |  |   |  |   |     |                                 |
|-------|--------|---------------|--------------------|-----------|--------------------------------------|----------------|--|--------------------|-------------------------------|-------------------|--|--------------------------|--------------------------------|--|---|--|---|-----|---------------------------------|
| YEAR  | QUARTE | R<br>Acrolein | Acrylo-<br>nitrile | Benzene   | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane | Chloro-<br>ethane | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | Chloro-<br>form<br>(0.1) | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di-<br>chloro-<br>ethylene<br>(0.005) |     | 1,3-Di-<br>chloro-<br>propylene |
| ***** | ****   | WELL NO. 3    | L8 ( UPPER         | FLOW ZONE | E ) *****                            | ***            |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1983  | 4      |               |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1984  | 4      |               |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1985  | i      |               |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1985  | 2      |               |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1985  | 3      |               |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1985  | 4      |               |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1986  | 1      |               |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1986  | 2      |               |                    |           | ~                                    |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1986  | 3      |               |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.65                                      |     |                                 |
| 1986  | 4      | BDL           | BDL                | BDL       |                                      | BDL            | BDL                                    | BDL                | BDL                           | BDL               | BDL                                    | BDL                      | BDL                            |  | $\mathtt{BDL}$                          | BDL                                    | 0.39                                      | BDL | BDL                             |
| 1987  | 1      |               |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.4                                       |     |                                 |
| 1987  | 2      |               |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.29                                      |     |                                 |
| 1987  | 3      |               |                    | ND        |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.48                                      | ND  | ND                              |
| 1987  | 4      |               |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.34                                      |     |                                 |
| 1988  | 1      |               |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.32                                      |     |                                 |
| 1988  | 2      |               |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | ND  |     |                                 |
| 1988  | 3      |               |                    | ND        |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.77                                      | ND  | ND                              |

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NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 2 of 3

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| 9(    |              | [              |                    |           |                                      |                |  |                    | <b></b>                       |                   |  | mg/l -                   |                                |  |   |  |   |                              | ]                               |
|-------|--------------|----------------|--------------------|-----------|--------------------------------------|----------------|--|--------------------|-------------------------------|-------------------|--|--------------------------|--------------------------------|--|---|--|---|------------------------------|---------------------------------|
| YEAR  | QUART<br>NO. | ER<br>Acrolein | Acrylo-<br>nitrile | Benzene   | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane | Chloro-<br>ethane | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | Chloro-<br>form<br>(0.1) | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di-<br>chloro-<br>ethylene<br>(0.005) | 1,2-Di-<br>chloro<br>propane | 1,3-Di-<br>chloro-<br>propylene |
| ***** | ****         | WELL NO. 1     | 19 ( LOWER         | FLOW ZONE | E ) *****                            | ***            |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1983  | 4            |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1984  | 4            |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | 1            |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | 2            |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | 3            |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | 4            |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986  | 1            |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986  | 2            |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986  | 3            |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986  | 4            | BDL            | BDL                | BDL       |                                      | BDL            | BDL                                    | BDL                | BDL                           | BDL               | BDL                                    | BDL                      | BDL                            |  | BDL                                     | BDL                                    | 0.32                                      | BDL                          | BDL                             |
| 1987  | 1            |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.2                                       |                              |                                 |
| 1987  | 2            |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.19                                      |                              |                                 |
| 1987  | 3            |                |                    | ND        |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.36                                      | ND                           | ND                              |
| 1987  | 4            |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.33                                      |                              |                                 |
| 1988  | 1            |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.26                                      |                              |                                 |
| 1988  | 2            |                |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | ND  |                              |                                 |
| 1988  | 3            |                |                    | ND        |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.790                                     | ND                           | ND                              |

NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME. ND = NOT DETECTED; BDL = BELOW DETECTION LIMITS; --- = NOT TESTED.

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 2 of 3

| )<br>0.30 |              | [              |                    |           |                                      |                |  |                    |                               |                   |  | mg/l - |                                |  |   |  |   |     |                                 |
|-----------|--------------|----------------|--------------------|-----------|--------------------------------------|----------------|--|--------------------|-------------------------------|-------------------|--|--------|--------------------------------|--|---|--|---|-----|---------------------------------|
| 70        | QUART<br>NO. | ER<br>Acrolein | Acrylo-<br>nitrile | Benzene   | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane | Chloro-<br>ethane | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether |        | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di-<br>chloro-<br>ethylene<br>(0.005) |     | 1,3-Di-<br>chloro-<br>propylene |
|           |              |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  |   |     |                                 |
| *****     | ****         | WELL NO. 2     | 0 ( LOWER          | FLOW ZONE | 2 ) *****                            | ***            |  |                    |                               |                   |  |        |                                |  |   |  |   |     |                                 |
| 1983      | 4            |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  |   |     |                                 |
| 1984      | 4            |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  |   |     |                                 |
| 1985      | 1            |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  |   |     |                                 |
| 1985      | 2            |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  |   |     |                                 |
| 1985      | 3            |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  |   |     |                                 |
| 1985      | 4            |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  |   |     |                                 |
| 1986      | 1            |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  |   |     |                                 |
| 1986      | 2            |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  |   |     |                                 |
| 1986      | 3            |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  |   |     |                                 |
| 1986      | 4            | BDL            | BDL                | BDL       |                                      | BDL            | BDL                                    | BDL                | BDL                           | BDL               | BDL                                    | BDL    | BDL                            |  | BDL                                     | BDL                                    | BDL                                       | BDL | BDL                             |
| 1987      | 1            |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  | ND  |     |                                 |
| 1987      | 2            |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  | 0.0018                                    |     |                                 |
| 1987      | 3            |                |                    | ND        |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND     | ND                             |  | ND                                      | ND                                     | ND  | ND  | ИD                              |
| 1987      | 4            |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  | ND  |     |                                 |
| 1988      | 1            |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  | ND  |     |                                 |
| 1988      | 2            |                |                    |           |                                      |                |  |                    |                               |                   |  |        |                                |  |   |  | ND  |     |                                 |
| 1988      | 3            |                |                    | ND        |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND     | ND                             |  | ND                                      | ND                                     | ND  | ND  | ND                              |

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ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED.

#### SPARTON TECHNOLOGY, INC. COORS ROAD PACILITY GROUNDWATER MONITORING RESULTS PART 2 of 3

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| 71    |              | [          |                    |           |                                      |                |  |                    |                               |                   |  | mg/l -                   |                                |  |   |  |   |                              | ]                               |
|-------|--------------|------------|--------------------|-----------|--------------------------------------|----------------|--|--------------------|-------------------------------|-------------------|--|--------------------------|--------------------------------|--|---|--|---|------------------------------|---------------------------------|
| YEAR  | QUART<br>NO. |            | Acrylo-<br>nitrile | Benzene   | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane | Chloro-<br>ethane | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | Chloro-<br>form<br>(0.1) | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di-<br>chloro-<br>ethylene<br>(0.005) | 1,2-Di-<br>chloro<br>propane | 1,3-Di-<br>chloro-<br>propylene |
| ***** | ****         | WELL NO. 2 | 1 ( UPPER          | FLOW ZONE | 2 ) *****                            | ***            |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1983  | 4            |            |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1984  | 4            |            |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | ì            |            |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | 2            |            |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | 3            |            |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1985  | 4            |            |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986  | 1            |            |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986  | 2            |            |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986  | 3            |            |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |                              |                                 |
| 1986  | 4            | BDL        | BDL                | BDL       |                                      | BDL            | BDL                                    | BDL                | BDL                           | BDL               | BDL                                    | BDL                      | BDL                            |  | BDL                                     | BDL                                    | 0.3                                       | BDL                          | BDL                             |
| 1987  | 1            |            |                    | ~~-       |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.13                                      |                              |                                 |
| 1987  | 2            |            |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.084                                     |                              |                                 |
| 1987  | 3            |            |                    | ND        |                                      | ND             | ND                                     | ИD                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.25                                      | ND                           | ND                              |
| 1987  | 4            |            |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.2                                       |                              |                                 |
| 1988  | 1            |            |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.15                                      |                              |                                 |
| 1983  | 2            |            |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.088                                     |                              |                                 |
| 1988  | 3            |            |                    | ND        |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.100                                     | ND                           | ND                              |

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NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 2 of 3

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| 2     |            | [                 |                    |           |                                      |                |  |                    |                               |                   |  | - mg/l -                 |                                |  |   |  |   |     | ]                               |
|-------|------------|-------------------|--------------------|-----------|--------------------------------------|----------------|--|--------------------|-------------------------------|-------------------|--|--------------------------|--------------------------------|--|---|--|---|-----|---------------------------------|
| YEAR  | QUAR<br>NO | TER<br>. Acrolein | Acrylo-<br>nitrile | Benzene   | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro-<br>dibromo<br>methane | Chloro-<br>ethane | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | Chloro-<br>form<br>(0.1) | Dichloro-<br>bromo-<br>methane | Di-<br>chloro-<br>difluoro-<br>methane | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di-<br>chloro-<br>ethylene<br>(0.005) |     | 1,3-Di-<br>chloro-<br>propylene |
| ***** | ****       | WELL NO.          | 22 ( UPPER         | FLOW ZONI | E ) *****                            | ***            |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1983  | 4          |                   |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1984  | 4          |                   |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1985  | 1          |                   |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1985  | 2          |                   |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1985  | 3          |                   |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1985  | 4          |                   |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1986  | 1          |                   |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1986  | 2          |                   |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1986  | 3          |                   |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  |   |     |                                 |
| 1986  | 4          | BDL               | BDL                | BDL       |                                      | BDL            | BDL                                    | BDL                | BDL                           | BDL               | BDL                                    | BDL                      | BDL                            |  | BDL                                     | BDL                                    | 0.2                                       | BDL | BDL                             |
| 1987  | 1          |                   |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.11                                      |     |                                 |
| 1987  | 2          |                   |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.1                                       |     |                                 |
| 1987  | 3          |                   |                    | ND        |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.078                                     | ND  | ND                              |
| 1987  | 4          |                   | ~                  |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.12                                      |     |                                 |
| 1988  | 1          |                   |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.098                                     |     |                                 |
| 1988  | 2          |                   |                    |           |                                      |                |  |                    |                               |                   |  |                          |                                |  |   |  | 0.067                                     |     |                                 |
| 1988  | 3          |                   |                    | ND        |                                      | ND             | ND                                     | ND                 | ND                            | ND                | ND                                     | ND                       | ND                             |  | ND                                      | ND                                     | 0.110                                     | ND  | ND                              |

NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

## )GC-003073

SPARTON TECHNOLOGY, INC.
COORS ROAD FACILITY
GROUNDWATER MONITORING RESULTS

PART 2 of 3

| 003         |              | r            |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  |         |         | 1                               |
|-------------|--------------|--------------|--------------------|----------|--------------------------------------|----------------|--|--------------------|---------|---------|--|---------|--------------------------------|-----|---|--|---------|---------|---------------------------------|
| 073<br>YEAR | PARUQ<br>NO. | PER Acrolein | Acrylo-<br>nitrile | Benzene  | Bis-<br>(chloro-<br>methyl)<br>ether | Bromo-<br>form | Carbon<br>tetra-<br>chloride<br>(0.01) | Chloro-<br>benzene | Chloro- | Chloro- | 2-Chloro-<br>ethyl-<br>vinyl-<br>ether | 1119/ 1 | Dichloro-<br>bromo-<br>methane | Di- | 1,1-Di-<br>chloro-<br>ethane<br>(0.025) | 1,2-Di-<br>chloro-<br>ethane<br>(0.01) | 1,1-Di- | 1,2-Di- | 1,3-Di-<br>chloro-<br>propylene |
| *****       | ****         | WELL NO.     | 23 ( UPPER         | FLOW ZON | E ) *****                            | ***            |  |                    |         |         |  |         |                                |     |   |  |         |         |                                 |
| 1983        | 4            |              |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  |         |         |                                 |
| 1984        | 4            |              |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  |         |         |                                 |
| 1985        | i            |              |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  |         |         |                                 |
| 1985        | 2            |              |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  |         |         |                                 |
| 1985        | 3            |              |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  |         |         |                                 |
| 1985        | 4            |              |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  |         |         |                                 |
| 1986        | 1            |              |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  |         |         |                                 |
| 1986        | 2            |              |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  |         |         |                                 |
| 1986        | 3            |              |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  |         |         |                                 |
| 1986        | 4            | BDL          | BDL                | BDL      |                                      | BDL            | BDL                                    | BDL                | BDL     | BDL     | BDL                                    | BDL     | BDL                            |     | BDL                                     | BDL                                    | 1.2     | BDL     | BDL                             |
| 1987        | 1            |              |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  | 1       |         |                                 |
| 1987        | 2            |              |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  | 0.62    |         |                                 |
| 1987        | 3            |              | <b>-</b>           | ND       |                                      | ND             | ND                                     | ND                 | ND      | ND      | ND                                     | ND      | ND                             |     | ND                                      | ND                                     | 0.61    | ND      | ND                              |
| 1987        | 4            |              |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  | 1.4     |         |                                 |
| 1988        | 1            |              |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  | 1.8     |         |                                 |
| 1988        | 2            |              |                    |          |                                      |                |  |                    |         |         |  |         |                                |     |   |  | 1.6     |         |                                 |
| 1999        | 3            |              |                    | ИD       |                                      | ND             | ND                                     | ND                 | ND      | ND      | ND                                     | ND      | ND                             |     | מא                                      | ND                                     | 2.400   | ND      | ND                              |

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#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 3 of 3

|       |               | ,                   |                    |                     |                       |   |   | (2             |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    | 1                         |
|-------|---------------|---------------------|--------------------|---------------------|-----------------------|---|---|----------------|---|-------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|------------------------------|---------|--------------------------------------|----------------|------------------------------------|---------------------------|
|       |               | [                   |                    |                     |                       |   |   | mg/l           |   | 1,1,1-                              | 1,1,2-                              |                                      |                                       |                              |         |                                      | -Priority F    |                                    |                           |
|       | UARTER<br>NO. | R Ethyl-<br>benzene | Methyl-<br>bromide | Methyl-<br>chloride | Methylene<br>Chloride | 1,1,2,2-<br>Tetra-<br>chloro-<br>ethane | Tetra-<br>chloro-<br>ethylene<br>(0.02) | Toluene (0.75) | 1,2-<br>trans-<br>Dichloro-<br>ethylene | Tri-<br>chloro-<br>ethane<br>(0.06) | Tri-<br>chloro-<br>ethane<br>(0.01) | Tri-<br>chloro-<br>ethylene<br>(0.1) | Tri-<br>chloro-<br>fluoro-<br>methane | Vinyl<br>chloride<br>(0.001) | Acetone | chloro-<br>tri-<br>fluoro-<br>ethane | 2-<br>Hexanone | Di-<br>methyl<br>benzene<br>(0.62) | Methyl<br>ethyl<br>ketone |
| ***** | ****          | WELL NO. 0          | 5 ( UPPER          | FLOW ZONE           | ) ******              | <b>*</b> *                              |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1983  | 4             | ND                  | ND                 | ND                  | ND                    | ND                                      | ND                                      | 0.045          | ND                                      | 0.079                               | ND                                  | 0.17                                 | ND                                    | ND                           | 0.16    | ND                                   | ND             | ND                                 | ND                        |
| 1984  | 4             | ND                  | ND                 | ND                  | ND                    | ND                                      | ND                                      | ND             | ND                                      | 0.07                                | ND                                  | 0.14                                 | ND                                    | ND                           | ND      | ND                                   | ND             |                                    |                           |
| 1985  | i             |                     |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1985  | 2             |                     |                    |                     |                       |   |   |                |   |                                     |                                     |                                      | ~                                     |                              |         |                                      |                |                                    |                           |
| 1985  | 3             |                     |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1985  | 4             |                     |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986  | 1             |                     |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986  | 2             |                     |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986  | 3             |                     |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986  | 4             |                     |                    |                     |                       |   |   |                |   |                                     |                                     | <b>-</b>                             |                                       |                              |         |                                      |                |                                    |                           |
| 1987  | 1             |                     |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1987  | 2             |                     |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1987  | 3             | ND                  | ND                 | ND                  | ND                    | ND                                      | ND                                      | ND             | ND                                      | 0.015                               | ND                                  | 0.039                                |                                       | ND                           | ND      |                                      | ND             | ND                                 | ND                        |
| 1987  | 4             |                     |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1988  | 1             |                     |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1988  | 2             |                     |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1988  | 3             |                     |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |

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ND = NOT DETECTED; BDL = BELOW DETECTION LIMITS; --- = NOT TESTED

1988 3

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 3 of 3

[------] [----- Non-Priority Polluntants ----] 1,1,1-1,1,2-Tri-Trichloro-1,1,2,2-Tetra-1.2-Tri-Tritri-Methylene Tetrachlorotranschlorochlorochlorochloro-Vinyl methyl Methyl chloride fluoro-2-Methyl- Chloride chloro- ethylene Toluene Dichloroethane ethan<del>e</del> ethylene fluorobenzene ethyl QUARTER Ethyl-Methylethane (0.02)(0.75)ethylene (0.06)(0.01)(0.1)methane (0.001)Acetone ethane Hexanone (0.62) ketone YEAR NO. benzene bromide chloride (0.1) ----\*\*\*\*\*\*\* WELL NO. 06 ( UPPER PLOW ZONE ) \*\*\*\*\*\*\*\* ND ND ND ND ND ND 0.56 ND ND ND ND ND ND ND 1983 4 ND ND 0.061 ND 1984 4 ND ND ND ND ND ND 0.081 0.31 ND ND ND 1985 1 1985 2 BDL BDL 0.062 BDL 0.3 BDL BDL BDL BDL 1985 3 BDL 1985 4 ---0.31 ---1986 1 0.11 1986 0.42 ---1986 ---BDL BDL BDL 0.39 BDL 1986 0.3 ---1987 0.32 1987 2 ---------0.54 ND ND ND ND ND ND ND ND 0.13 ---1987 3 ND ND ND ND 0.36 1987 4 0.28 ------1988 0.17 1988 2 ------

0.021

0.052

ND

ND

ND

ND

ND

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ND

ND

ND

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 3 of 3

| 01    |               | _                 |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
|-------|---------------|-------------------|--------------------|---------------------|-----------------------|---|---|----------------|---|-------------------------------------|---|--------------------------------------|---------------------------------------|------------------------------|---------|----------------------------------|----------------|------------------------------------|---------------------------|
|       |               | [                 |                    |                     |                       |   |   | mg/l           |   | 1 1 1                               |   |                                      |                                       |                              |         | Non-                             | -Priority E    |                                    | s}                        |
|       | UARTER<br>NO. | Ethyl-<br>benzene | Methyl-<br>bromide | Methyl-<br>chloride | Methylene<br>Chloride | 1,1,2,2-<br>Tetra-<br>chloro-<br>ethane | Tetra-<br>chloro-<br>ethylene<br>(0.02) | Toluene (0.75) | 1,2-<br>trans-<br>Dichloro-<br>ethylene | Tri-<br>chloro-<br>ethane<br>(0.06) | 1,1,2-<br>Tri-<br>chloro-<br>ethane<br>(0.01) | Tri-<br>chloro-<br>ethylene<br>(0.1) | Tri-<br>chloro-<br>fluoro-<br>methane | Vinyl<br>chloride<br>(0.001) | Acetone | Tri- chloro- tri- fluoro- ethane | 2~<br>Hexanone | Di-<br>methyl<br>benzene<br>(0.62) | Methyl<br>ethyl<br>ketone |
| ***** | ****          | WELL NO. 0        | 7 ( UPPER          | PLOW ZONE           | ) ******              | **                                      |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1983  | 4             | ND                | ND                 | ND                  | ND                    | ND                                      | ND                                      | 0.005          | ND                                      | 0.014                               | ND  | 0.083                                | ND                                    | ND                           | ND      | ND                               | ND             | ND                                 | ND                        |
| 1984  | 4             | ND                | ND                 | ND                  | ND                    | ND                                      | ND                                      | ND             | ND                                      | 0.18                                | ND  | 0.53                                 | ND                                    | ND                           | ND      | 0.073                            | ND             |                                    |                           |
| 1985  | 1             |                   |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1985  | 2             |                   |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1985  | 3             |                   |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1985  | 4             |                   |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1986  | 1             |                   |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1986  | 2             |                   |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1986  | 3             |                   |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1986  | 4             |                   |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1987  | 1             |                   |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1987  | 2             |                   |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1987  | 3             | ND                | ND                 | ND                  | ND                    | ND                                      | ND                                      | ND             | ND                                      | 0.11                                | ND  | 0.37                                 |                                       | ND                           | ND      |                                  | ND             | ND                                 | ND                        |
| 1987  | 4             |                   |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1988  | 1             |                   |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1988  | 2             |                   |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1988  | 3             |                   |                    |                     |                       |   |   |                |   |                                     |   |                                      |                                       |                              |         |                                  |                |                                    |                           |

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GC-00307

SPARTON TECHNOLOGY, INC.
COORS ROAD FACILITY
GROUNDWATER MONITORING RESULTS
PART 3 of 3

| YEAR  | UARTER<br>NO. | R Ethyl-<br>benzene | Methyl-<br>bromide | Methyl-<br>chloride | Methylene<br>Chloride | 1,1,2,2-<br>Tetra-<br>chloro-<br>ethane | Tetra-<br>chloro-<br>ethylene<br>(0.02) | Toluene<br>(0.75) | 1,2-<br>trans-<br>Dichloro-<br>ethylene | 1,1,1-<br>Tri-<br>chloro-<br>ethane<br>(0.06) | 1,1,2-<br>Tri-<br>chloro-<br>ethane<br>(0.01) | Tri-<br>chloro-<br>ethylene<br>(0.1) | Tri-<br>chloro-<br>fluoro-<br>methane | Vinyl<br>chloride<br>(0.001) | Acetone | Tri-<br>chloro-<br>tri-<br>fluoro-<br>ethane | 2-<br>Hexanone | Di-<br>methyl<br>benzene<br>(0.62) | Methyl<br>ethyl<br>ketone |
|-------|---------------|---------------------|--------------------|---------------------|-----------------------|---|---|-------------------|---|---|---|--------------------------------------|---------------------------------------|------------------------------|---------|--|----------------|------------------------------------|---------------------------|
| ***** | ***           | WELL NO. 0          | 8 ( UPPER E        | LOW ZONE            | ) ******              | <b>*</b> *                              |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                                    |                           |
| 1983  | 4             | ND                  | ND                 | ND                  | ИD                    | ND                                      | ND                                      | ND                | ND                                      | 0.007   | ND  | 0.042                                | ND                                    | ND                           | ND      | ND   | ND             | ND                                 | ND                        |
| 1984  | 4             | ND                  | ND                 | ND                  | ND                    | ND                                      | ND                                      | ND                | ND                                      | 0.082   | ND  | 0.25                                 | ND                                    | ND                           | ND      | ND   | ND             |                                    |                           |
| 1985  | 1             |                     |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                                    |                           |
| 1985  | 2             |                     |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                                    |                           |
| 1985  | 3             | BDL                 | BDL                | BDL                 | BDL                   | BDL                                     | BDL                                     | BDL               | BDL                                     | 0.039   | BDL   | 0.19                                 |                                       | BDL                          |         |  |                |                                    |                           |
| 1985  | 4             |                     |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                                    |                           |
| 1986  | 1             |                     |                    |                     |                       |   |   |                   |   |   |   | 0.1                                  |                                       |                              |         |  |                |                                    |                           |
| 1986  | 2             |                     |                    |                     |                       |   |   |                   |   |   |   | 0.16                                 |                                       |                              |         |  |                |                                    |                           |
| 1986  | 3             |                     |                    |                     |                       |   |   |                   |   |   |   | 0.15                                 |                                       |                              |         |  |                |                                    |                           |
| 1986  | 4             | BDL                 | BDL                | BDL                 | BDL                   | $\mathtt{BDL}$                          | BDL                                     | BDL               | BDL                                     | 0.039   | BDL   | 0.19                                 |                                       | BDL                          |         |  |                |                                    |                           |
| 1987  | 1             |                     |                    |                     |                       |   |   |                   |   |   |   | 0.084                                |                                       |                              |         |  |                |                                    |                           |
| 1987  | 2             |                     |                    |                     |                       |   |   |                   |   |   |   | 0.069                                |                                       |                              |         |  |                |                                    |                           |
| 1987  | 3             | ND                  | ИD                 | ND                  | ND                    | ND                                      | ND                                      | ND                | ND                                      | 0.033   | ND  | 0.3                                  |                                       | ND                           | ND      |  | ND             | ND                                 | ND                        |
| 1987  | 4             |                     |                    |                     |                       |   |   |                   |   |   |   | 0.15                                 |                                       |                              |         |  |                |                                    |                           |
| 1988  | 1             |                     |                    |                     |                       |   |   |                   |   |   |   | 0.045                                |                                       |                              |         |  |                |                                    |                           |
| 1988  | 2             |                     |                    |                     |                       |   |   |                   |   |   |   | 0.093                                |                                       |                              |         |  |                |                                    |                           |
| 1988  | 3             | ND                  | ND                 | ND                  | ND                    | ND                                      | ND                                      | ND                | ND                                      | 0.0068  | ND  | 0.066                                |                                       | ND                           | ND      |  | ND             | ND                                 | ND                        |

ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED

1988 3

### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 3 of 3

[------] [----- Non-Priority Polluntants ----] Tri-1.1.1-1.1.2-1,1,2,2- Tetra-1,2-Tri-Tri-Tri-Trichloro-Di-Vinyl tri-Methylene Tetrachlorotranschlorochlorochlorochloromethyl Methyl Methyl- Chloride chloro- ethylene Toluene Dichloro- ethane ethane ethylene fluorochloride fluoro-2benzene ethyl QUARTER Ethyl- | Methyl-YEAR NO. benzene bromide chloride (0.1) ethane (0.02)(0.75)ethylene (0.06)(0.01)(0.1)methane (0.001) Acetone ethane Hexanone (0.62) -----------------------------\*\*\*\*\*\* WELL NO. 09 ( UPPER FLOW ZONE ) \*\*\*\*\*\*\* 2.3 ND ND 0.17 ND ND 1983 4 0.013 ND ND 9.1 ND 0.054 1.2 ND 15 ND 21 ND ND 5.2 0.06 0.29 0.011 6.9 0.11 9.6 ИD ND 0.033 0.2 ND 1984 4 0.013 ND ND 1985 1985 2 ---------------BDL 0.028 0.049 7.3 1985 3 BDL BDL BDL 1.2 0.023 BDL 6.3 1985 ------4 ---6.1 ---1986 1 1986 2 8.3 ---5 ---1986 3 BDL BDL ---1986 4.5 1987 1 1987 2 ---------------------3,600 ---6.400 ND ND ND ND 1987 3 ND ND ND ND ND ND ND 3.3 ---1987 4 7.100 ------5.500 1988 ---1 ---1988 2 ------4.800 ---------

1.800

ND

3.300

ND

ND

ND

ND

ND

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ND

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ND

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 3 of 3

| 79    |               | 1                 |                    |                     |                       |   |   | mg/l           |   |   |   |                                      |                                       |                              |      |                                  |    |  |                           |
|-------|---------------|-------------------|--------------------|---------------------|-----------------------|---|---|----------------|---|---|---|--------------------------------------|---------------------------------------|------------------------------|------|----------------------------------|----|--|---------------------------|
| Q     | JARTER<br>NO. | Ethyl-<br>benzene | Methyl-<br>bromide | Methyl-<br>chloride | Methylene<br>Chloride | 1,1,2,2-<br>Tetra-<br>chloro-<br>ethane | Tetra-<br>chloro-<br>ethylene<br>(0.02) | Toluene (0.75) | l,2-<br>trans-<br>Dichloro-<br>ethylene | 1,1,1-<br>Tri-<br>chloro-<br>ethane<br>(0.06) | 1,1,2-<br>Tri-<br>chloro-<br>ethane<br>(0.01) | Tri-<br>chloro-<br>ethylene<br>(0.1) | Tri-<br>chloro-<br>fluoro-<br>methane | Vinyl<br>chloride<br>(0.001) |      | Tri- chloro- tri- fluoro- ethane |    | Polluntant<br>Di-<br>methyl<br>benzene | Methyl<br>ethyl<br>ketone |
| ***** | t***          | WELL NO. 1        | 0 ( LOWER          | FLOW ZONE           | ) ******              | * <b>*</b>                              |   |                |   |   |   |                                      |                                       |                              |      |                                  |    |  |                           |
| 1983  | 4             | ND                | ND                 | ND                  | ND                    | ND                                      | ND                                      | ND             | ND                                      | 0.008   | ND  | 0.027                                | ND                                    | ND                           | ND   | ND                               | ND | ND                                     | ND                        |
| 1984  | 4             | ND                | ND                 | 16                  | ND                    | ND                                      | ND                                      | ND             | ND                                      | 0.005   | ND  | 0.012                                | ND                                    | ND                           | ND   | ND                               | ND |  |                           |
| 1985  | 1             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |      |                                  |    |  |                           |
| 1985  | 2             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |      |                                  |    |  |                           |
| 1985  | 3             | BDL               | BDL                | BDL                 | BDL                   | BDL                                     | BDL                                     | BDL            | BDL                                     | 0.013   | BDL   | 0.041                                |                                       | BDL                          |      |                                  |    |  |                           |
| 1985  | 4             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |      |                                  |    |  |                           |
| 1986  | 1             |                   |                    |                     |                       |   |   |                |   |   |   | 0.042                                |                                       |                              |      |                                  |    |  |                           |
| 1986  | 2             |                   |                    |                     |                       |   |   |                |   |   |   | 0.19                                 |                                       |                              |      |                                  |    |  |                           |
| 1986  | 3             |                   |                    |                     |                       |   |   |                |   |   |   | 0.054                                |                                       |                              |      |                                  |    |  |                           |
| 1986  | 4             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |      |                                  |    |  |                           |
| 1987  | 1             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |      |                                  |    |  |                           |
| 1987  | 2             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |      |                                  |    |  |                           |
| 1987  | 3             | ND                | ND                 | ND                  | 1.9                   | ND                                      | ND                                      | ND             | ND                                      | 0.25  | ND  | 1.4                                  |                                       | ND                           | 0.59 |                                  | ND | ND                                     | ND                        |
| 1987  | 4             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |      |                                  |    |  |                           |
| 1988  | 1             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |      |                                  |    |  |                           |
| 1988  | 2             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |      |                                  |    |  |                           |
| 1988  | 3             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |      |                                  |    |  |                           |

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NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 3 of 3

| 80    |               | _          |                    |                     |                       |          |   |         |   |   |   |                                      |                                       |                              |    |                                  |    |                                    |                     |
|-------|---------------|------------|--------------------|---------------------|-----------------------|----------|---|---------|---|---|---|--------------------------------------|---------------------------------------|------------------------------|----|----------------------------------|----|------------------------------------|---------------------|
|       | UARTER<br>NO. |            | Methyl-<br>bromide | Methyl-<br>chloride | Methylene<br>Chloride | 1,1,2,2- | Tetra-<br>chloro-<br>ethylene<br>(0.02) | Toluene | 1,2-<br>trans-<br>Dichloro-<br>ethylene | 1,1,1-<br>Tri-<br>chloro-<br>ethane<br>(0.06) | 1,1,2-<br>Tri-<br>chloro-<br>ethane<br>(0.01) | Tri-<br>chloro-<br>ethylene<br>(0.1) | Tri-<br>chloro-<br>fluoro-<br>methane | Vinyl<br>chloride<br>(0.001) |    | Tri- chloro- tri- fluoro- ethane |    | Di-<br>methyl<br>benzene<br>(0.62) | Methyl ethyl ketone |
| ***** | ***           | WELL NO. 1 | l ( LOWER          | FLOW ZONE           | ) *****               | **       |   |         |   |   |   |                                      |                                       |                              |    |                                  |    |                                    |                     |
| 1983  | 4             | ND         | ND                 | ND                  | 0.42                  | ND       | ND                                      | 0.091   | ND                                      | 0.13  | ND  | 0.84                                 | ND                                    | ND                           | ND | ND                               | ND | ND                                 | ND                  |
| 1984  | 4             | ND         | ND                 | ND                  | ND                    | ND       | ND                                      | ND      | ND                                      | ND  | ND  | ND                                   | ИД                                    | ND                           | ND | ND                               | ND |                                    |                     |
| 1985  | 1             |            |                    |                     |                       |          |   |         |   |   |   |                                      |                                       |                              |    |                                  |    |                                    |                     |
| 1985  | 2             |            |                    |                     |                       |          |   |         |   |   |   |                                      |                                       |                              |    |                                  |    |                                    |                     |
| 1985  | 3             | BDL        | BDL                | BDL                 | $\mathtt{BDL}$        | BDL      | BDL                                     | BDL     | BDL                                     | BDL   | BDL   | 0.007                                |                                       | BDL                          |    |                                  |    |                                    |                     |
| 1985  | 4             |            |                    |                     |                       |          |   |         |   |   |   |                                      |                                       |                              |    |                                  |    |                                    |                     |
| 1986  | 1             |            |                    |                     |                       |          |   |         |   |   |   | 0.0099                               |                                       |                              |    |                                  |    |                                    |                     |
| 1986  | 2             |            |                    |                     |                       |          |   |         |   |   |   | 0.012                                |                                       |                              |    |                                  |    |                                    |                     |
| 1986  | 3             |            |                    |                     |                       |          |   |         |   |   |   | 0.0069                               |                                       |                              |    |                                  |    |                                    |                     |
| 1986  | 4             | BDL        | BDL                | BDL                 | BDL                   | BDL      | BDL                                     | BDL     | BDL                                     | BDL   | BDL   | BDL                                  |                                       | BDL                          |    |                                  |    |                                    |                     |
| 1987  | 1             |            |                    |                     |                       |          |   |         |   |   |   | 0.0012                               |                                       |                              |    |                                  |    |                                    |                     |
| 1987  | 2             |            |                    |                     |                       |          |   |         |   |   |   | ND                                   |                                       |                              |    |                                  |    |                                    |                     |
| 1987  | 3             | ND         | ND                 | ND                  | ND                    | ND       | ND                                      | ND      | ND                                      | ND  | ND  | ND                                   |                                       | ND                           | ND |                                  | ND | ND                                 | ND                  |
| 1987  | 4             |            |                    |                     |                       |          |   |         |   |   |   | ND                                   |                                       |                              |    |                                  |    |                                    |                     |
| 1988  | 1             |            |                    |                     |                       |          |   |         |   |   |   | ND                                   |                                       |                              |    |                                  |    |                                    |                     |
| 1988  | 2             |            |                    |                     |                       |          |   |         |   |   |   | ND                                   |                                       |                              |    |                                  |    |                                    |                     |
| 1988  | 3             | ND         | ND                 | ND                  | ND                    | ND       | ND                                      | ND      | ND                                      | ND  | ND  | ND                                   |                                       | ND                           | ND |                                  | ИD | ND                                 | ND                  |

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#### SPARTON TECHNOLOGY, INC. COORS ROAD PACILITY GROUNDWATER MONITORING RESULTS PART 3 of 3

PART 3 OF 3

| _    |               |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
|------|---------------|-------------------|--------------------|---------------------|-----------------------|---|---|-------------------|---|---|---|--------------------------------------|---------------------------------------|------------------------------|---------|--|----------------|--------------------------|-------------------------|
|      |               | [                 |                    |                     |                       |   |   | mg/l              |   |   |   |                                      |                                       |                              |         |  | -Priority I    | olluntant                | s                       |
|      | JARTER<br>NO. | Ethyl-<br>benzene | Methyl-<br>bromide | Methyl-<br>chloride | Methylene<br>Chloride | 1,1,2,2-<br>Tetra-<br>chloro-<br>ethane | Tetra-<br>chloro-<br>ethylene<br>(0.02) | Toluene<br>(0.75) | 1,2-<br>trans-<br>Dichloro-<br>ethylene | 1,1,1-<br>Tri-<br>chloro-<br>ethane<br>(0.06) | 1,1,2-<br>Tri-<br>chloro-<br>ethane<br>(0.01) | Tri-<br>chloro-<br>ethylene<br>(0.1) | Tri-<br>chloro-<br>fluoro-<br>methane | Vinyl<br>chloride<br>(0.001) | Acetone | Tri-<br>chloro-<br>tri-<br>fluoro-<br>ethane | 2-<br>Hexanone | Di-<br>methyl<br>benzene | Methy<br>ethyl<br>keton |
| **** | **** ;        | WELL NO. 1        | 2 ( UPPER          | FLOW ZONE           | ) *****               | **                                      |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1983 | 4             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1984 | 3             | ND                | ND                 | ND                  | 0.02                  | ND                                      | ND                                      | ND                | ND                                      | ND  | ND  | 0.061                                | ND                                    | ND                           | ND      | ND   | ND             | ND                       | ND                      |
| 1985 | 1             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1985 | 2             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1985 | 3             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1985 | 4             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1986 | 1             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1986 | 2             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1986 | 3             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1986 | 4             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1987 | 1             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1987 | 2             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1987 | 3             | ND                | ND                 | ND                  | 0.85                  | ND                                      | ND                                      | ND                | ND                                      | 1.7   | ИD  | 3.7                                  |                                       | ND                           | ND      |  | ND             | ND                       | ND                      |
| 1987 | 4             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1988 | 1             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1988 | 2             |                   |                    |                     | ~                     |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |
| 1988 | 3             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |  |                |                          |                         |

ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED

| 060-00       |               |                   |                    |                     |                                |   | COORS (                                 | T 3 of 3          | ITY<br>IG RESULTS                       |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
|--------------|---------------|-------------------|--------------------|---------------------|--------------------------------|---|---|-------------------|---|-------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|------------------------------|---------|--------------------------------------|----------------|------------------------------------|---------------------------|
| 3082         |               | [                 |                    |                     |                                |   |   | mg/l              |   | 1,1,1-                              | 1,1,2-                              |                                      |                                       |                              |         |                                      |                |                                    | ,                         |
| YEAR         | UARTER<br>NO. | Ethyl-<br>benzene | Methyl-<br>bromide | Methyl-<br>chloride | Methylene<br>Chloride<br>(0.1) | 1,1,2,2-<br>Tetra-<br>chloro-<br>ethane | Tetra-<br>chloro-<br>ethylene<br>(0.02) | Toluene<br>(0.75) | 1,2-<br>trans-<br>Dichloro-<br>ethylene | Tri-<br>chloro-<br>ethane<br>(0.06) | Tri-<br>chloro-<br>ethane<br>(0.01) | Tri-<br>chloro-<br>ethylene<br>(0.1) | Tri-<br>chloro-<br>fluoro-<br>methane | Vinyl<br>chloride<br>(0.001) | Acetone | chloro-<br>tri-<br>fluoro-<br>ethane | 2-<br>Hexanone | Di-<br>methyl<br>benzene<br>(0.62) | Methyl<br>ethyl<br>ketone |
| *****        | **** ;        | WELL NO. 1        | 3 ( UPPER          | FLOW ZONE           | ) *****                        | **                                      |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1983         | 4             |                   |                    |                     |                                |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1984         | 4             | ND                | ND                 | ND                  | 1.7                            | ND                                      | 0.017                                   | 0.045             | ND                                      | 4.6                                 | ND                                  | 6.9                                  | ND                                    | ND                           | ND      | 0.024                                | ND             |                                    |                           |
| 1985         | 1             |                   |                    | +                   |                                |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1985         | 2             |                   |                    |                     |                                |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1985         | 3             |                   |                    |                     |                                |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1985         | 4             |                   |                    |                     |                                |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986         | 1             |                   |                    |                     |                                |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986         | 2             |                   |                    |                     |                                |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986<br>1986 | 3             |                   |                    |                     |                                |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986         | 4             |                   |                    |                     |                                |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1987         | 2             |                   |                    |                     |                                |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1987         | 3             | ND                | ND                 | ND                  | ND                             | ND                                      | ND                                      | ND                | ND                                      | 0.52                                | ND                                  | 1.3                                  |                                       | ND                           | ND      |                                      | ND             | ND                                 | ND                        |
| 1987         | 4             | ND                |                    |                     |                                |   | 7.0                                     |                   |   | 0.32                                | <br>MD                              |                                      |                                       |                              |         |                                      | ND             |                                    |                           |
| 1988         | 1             |                   |                    |                     |                                |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1988         | 2             |                   |                    |                     |                                |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1500         | -             |                   |                    |                     |                                |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |

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## SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 3 of 3

[------mg/] [----- Non-Priority Polluntants ----] 1,1,2-1,1,1-1,1,2,2-Tri-Tri-Trichloro-Tetra-1,2-Tri-Di-Methylene Tetrachlorotranschlorochlorochlorochloro-Vinyl trimethyl Methyl Methyl- Chloride chloro- ethylene fluoro- chloride fluoro-OUARTER Ethyl-Methyl-Toluene Dichloro- ethane ethane ethylene benzene ethyl chloride (0.1) ethane (0.02)(0.75)ethylene (0.06)(0.01)(0.1)methane (0.001) Acetone ethane Hexanone (0.62) YEAR NO. benzene bromide ketone \*\*\*\*\*\* WELL NO. 14 ( UPPER FLOW ZONE ) \*\*\*\*\*\*\*\* 1983 ND 0.009 ND 1984 4 ND ND ND 3.6 ND 0.025 0.006 ND 4.1 ND 12 ND ND 1985 1985 1985 1985 ---1986 1986 1986 3 BDL BDL 4.9 1986 BDL 1987 5 1987 ---------------1.8 ---1987 3 ND ND ND ND 2.1 ND ND ND ND ND ND 0.17 1987 2.7 ---1988 6.2 ---------1988 2 5 ------1988 3 ND ND 5.200 ND ND ND ND ND ND ND ND ND

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### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 3 of 3

[-------mg/] [----- Non-Priority Polluntants -----] 1,1,1-1,1,2-Tri-1,1,2,2-Tetra-1,2-Tri-Tri-Tri-Trichloro-Di-Methylene Tetra-Vinyl chlorotranschlorochlorochlorochlorotrimethyl Methyl Methyl- Chloride chloroethylene ethylene fluorochloride fluoro-OUARTER Ethyl-Methyl-Toluene Dichloro- ethane ethane benzene ethyl benzene bromide chloride (0.1) ethane (0.02)(0.75)ethylene (0.06)(0.01)(0.1)methane (0.001) Acetone ethane Hexanone (0.62) YEAR NO. ketone ---------------\*\*\*\*\*\* WELL NO. 15 ( UPPER FLOW ZONE ) \*\*\*\*\*\*\*\* 1983 ND 0.011 ND ND ND ND ND 0.048 ND 1984 4 ND ND 0.034 ND 2.2 ND 4.4 1985 1985 1985 ---1985 1986 1986 ---1986 1986 BDL BDL BDL BDL BDL 0.39 0.94 ---BDL ---1987 0.63 1987 ---------------0.58 ------1987 ND ND ND ND ND ND ND ND 0.25 ND 0.65 ND ND ND ND ND 1987 0.48 ------1988 0.37 1988 ND ------------------

0.150

0.380

ND

ND

ND

ND

ND

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ND

ND

NOTES: WHERE STATE STANDARDS EXIST, THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME.

ND

ND

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SPARTON TECHNOLOGY, INC.
COORS ROAD FACILITY
GROUNDWATER MONITORING RESULTS
PART 3 of 3

[-----1 [----- Non-Priority Polluntants ----] 1.1.1-1.1.2-Tri-1,1,2,2chloro-Tetra-1,2~ Tri-Tri-Tri-Tri-Di-Methylene Tetrachlorotranschlorochlorochlorochloro-Vinyl trimethyl Methyl QUARTER Ethyl-Methyl-Methyl- Chloride chloroethylene Toluene Dichloro- ethane ethane ethylene fluorochloride fluorobenzene ethyl YEAR NO. benzene bromide chloride (0.1) ethane (0.02)(0.75)ethylene (0.06) (0.01)(0.1)methane (0.001) Acetone ethane Hexanone (0.62) \*\*\*\*\*\* WELL NO. 16 ( UPPER FLOW ZONE ) \*\*\*\*\*\*\*\* 1983 49 1984 4 0.063 ND 0.07 ND 0.14 1.6 0.2 37 ND ND 17 0.073 1985 1 1985 2 ---1985 1985 1986 1986 1986 20 3 1986 BDL BDL BDL 16 BDL BDL BDL. BDI. 36 BDL 30 21 1987 ------1987 23 2 1987 25 3 ND ND ND ND ND ND 1987 28 1988 26 ---25 1988

24.000

ND

26.000

ND

ND

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ND

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1988

### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 3 of 3

[------] [----- Non-Priority Polluntants ----] 1,1,1-1,1,2-Tri-Trichloro-1.1.2.2-Tetra-1.2-Tri-Tri-Tri-Methylene Tetrachlorochlorochlorochloro-Vinyl trimethyl Methyl transchloro-Methyl- Chloride chloroethylene fluorochloride fluorobenzene ethyl OUARTER Ethyl-Methylethylene Toluene Dichloro- ethane ethane ethane (0.06)(0.01)(0.1)methane (0.001) Acetone ethane Hexanone (0.62) YEAR NO. chloride (0.1) (0.02)(0.75)ethylene benzene bromide \*\*\*\*\*\*\* WELL NO. 17 ( UPPER FLOW ZONE ) \*\*\*\*\*\*\*\* 1983 ND 0.017 ND 0.053 0.05 0.019 2.3 ND 4.3 ND ND 0.028 0.035 ND 1984 ND ND 1985 1985 1985 1985 1986 1986 1986 1986 1987 1987 ND 1987 ND ND ND ND ND ND 4.2 ND ND ND 1987 1988 1988

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SPARTON TECHNOLOGY, INC.
COORS ROAD FACILITY
GROUNDWATER MONITORING RESULTS
PART 3 of 3

| 7                   | ٢                 |                    |                     |                       |   |   | mg/l              |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
|---------------------|-------------------|--------------------|---------------------|-----------------------|---|---|-------------------|---|-------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|------------------------------|---------|--------------------------------------|----------------|------------------------------------|---------------------------|
|                     | L                 |                    |                     |                       |   |   | mg/ I             |   | 1,1,1-                              | 1,1,2-                              |                                      |                                       |                              |         | Non-<br>Tri-                         |                | Polluntant                         | s                         |
| QUARTER<br>YEAR NO. | Ethyl-<br>benzene | Methyl-<br>bromide | Methyl-<br>chloride | Methylene<br>Chloride | 1,1,2,2-<br>Tetra-<br>chloro-<br>ethane | Tetra-<br>chloro-<br>ethylene<br>(0.02) | Toluene<br>(0.75) | 1,2-<br>trans-<br>Dichloro-<br>ethylene | Tri-<br>chloro-<br>ethane<br>(0.06) | Tri-<br>chloro-<br>ethane<br>(0.01) | Tri-<br>chloro-<br>ethylene<br>(0.1) | Tri-<br>chloro-<br>fluoro-<br>methane | Vinyl<br>chloride<br>(0.001) | Acetone | chloro-<br>tri-<br>fluoro-<br>ethane | 2-<br>Hexanone | Di-<br>methyl<br>benzene<br>(0.62) | Methyl<br>ethyl<br>ketone |
| *****               | WELL NO. 1        | 8 ( UPFER :        | PLOW ZONE           | ) ******              | **                                      |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1983 4              |                   |                    |                     |                       |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1984 4              |                   |                    |                     |                       |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1985 1              |                   |                    |                     |                       |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1985 2              |                   |                    |                     |                       |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1985 3              |                   |                    |                     |                       |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1985 4              |                   |                    |                     |                       |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986 1              |                   |                    |                     |                       |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986 2              |                   |                    |                     |                       |   |   |                   |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986 3              |                   |                    |                     |                       |   |   |                   |   |                                     |                                     | 5.4                                  |                                       |                              |         |                                      |                |                                    |                           |
| 1986 4              | BDL               | BDL                | BDL                 | BDL                   | BDL                                     | BDL                                     | BDL               | BDL                                     | 3.4                                 | BDL                                 | 3.6                                  |                                       | BDL                          |         |                                      |                |                                    |                           |
| 1987 1              |                   |                    |                     |                       |   |   |                   |   |                                     |                                     | 4                                    |                                       | ~~-                          |         |                                      |                |                                    |                           |
| 1987 2              |                   |                    |                     |                       |   |   |                   |   |                                     |                                     | 3                                    |                                       |                              |         |                                      |                |                                    |                           |
| 1987 3              | ND                | ND                 | ND                  | ND                    | ND                                      | ND                                      | ND                | ND                                      | 2.9                                 | ND                                  | 4.8                                  |                                       | ND                           | ND      |                                      | ND             | ND                                 | ND                        |
| 1987 4              |                   |                    |                     |                       |   |   |                   |   |                                     |                                     | 4.3                                  |                                       |                              |         |                                      |                |                                    |                           |
| 1988 1              |                   |                    |                     |                       |   |   |                   |   |                                     |                                     | 3.5                                  |                                       |                              |         |                                      |                |                                    |                           |
| 1988 2              |                   |                    |                     |                       |   |   |                   |   |                                     |                                     | 3.1                                  |                                       |                              |         |                                      |                |                                    |                           |
| 1988 3              | ND                | ND                 | ND                  | ND                    | ND                                      | ND                                      | ND                | ND                                      | 2.200                               | ND                                  | 3.800                                | <b>-</b>                              | ND                           | ND      |                                      | ND             | ND                                 | ND                        |

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ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED

SPARTON TECHNOLOGY, INC.
COORS ROAD FACILITY
GROUNDWATER MONITORING RESULTS
PART 3 of 3

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| 03088 |               | [                 |                    |                     |                       |   | *****                                   | mg/l           |   |   |   |                                      |                                       |                              |         |                                  |                |                                    | 1                         |
|-------|---------------|-------------------|--------------------|---------------------|-----------------------|---|---|----------------|---|---|---|--------------------------------------|---------------------------------------|------------------------------|---------|----------------------------------|----------------|------------------------------------|---------------------------|
| Q     | JARTER<br>NO. | Ethyl-<br>benzene | Methyl-<br>bromide | Methyl-<br>chloride | Methylene<br>Chloride | 1,1,2,2-<br>Tetra-<br>chloro-<br>ethane | Tetra-<br>chloro-<br>ethylene<br>(0.02) | Toluene (0.75) | 1,2-<br>trans-<br>Dichloro-<br>ethylene | 1,1,1-<br>Tri-<br>chloro-<br>ethane<br>(0.06) | 1,1,2-<br>Tri-<br>chloro-<br>ethane<br>(0.01) | Tri-<br>chloro-<br>ethylene<br>(0.1) | Tri-<br>chloro-<br>fluoro-<br>methane | Vinyl<br>chloride<br>(0.001) | Acetone | Tri- chloro- tri- fluoro- ethane | 2-<br>Hexanone | Di-<br>methyl<br>benzene<br>(0.62) | Methyl<br>ethyl<br>ketone |
| ***** | ***           | WELL NO. 1        | 9 ( LOWER          | FLOW ZONE           | ) ******              | **                                      |   |                |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1983  | 4             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1984  | 4             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1985  | 1             | ~~~               |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1985  | 2             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1985  | 3             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1985  | 4             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1986  | 1             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1986  | 2             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1986  | 3             |                   |                    |                     |                       |   |   |                |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1986  | 4             | BDL               | BDL                | BDL                 | 5                     | BDL                                     | BDL                                     | BDL            | $\mathtt{BDL}$                          | 0.28  | BDL   | 3.6                                  |                                       | BDL                          |         |                                  |                |                                    |                           |
| 1987  | 1             |                   |                    |                     |                       |   |   |                |   |   |   | 2.7                                  |                                       |                              |         |                                  |                |                                    |                           |
| 1987  | 2             |                   |                    |                     |                       |   |   |                |   |   |   | 2.9                                  |                                       |                              |         |                                  |                |                                    |                           |
| 1987  | 3             | ND                | ND                 | ND                  | 3.1                   | ND                                      | ND                                      | ND             | ND                                      | 0.34  | ND  | 4.6                                  |                                       | ND                           | ND      |                                  | ND             | ND                                 | ND                        |
| 1987  | 4             |                   |                    |                     |                       |   |   |                |   |   |   | 3.4                                  |                                       |                              |         |                                  |                |                                    |                           |
| 1988  | 1             |                   |                    |                     |                       |   |   |                |   |   |   | 2.9                                  |                                       |                              |         |                                  |                |                                    |                           |
| 1988  | 2             |                   |                    |                     |                       |   |   |                |   |   |   | ND                                   |                                       |                              |         |                                  |                | ~                                  |                           |
| 1988  | 3             | ND                | ND                 | ND                  | 2.700                 | ND                                      | ND                                      | ND             | ND                                      | 0.180   | ND  | 1.800                                |                                       | ND                           | ND      |                                  | ND             | ND                                 | ND                        |

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ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED

1988

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 3 of 3

[----- Non-Priority Polluntants ----] 1,1,2-1.1.1-Tri-1,1,2,2-Tetra-1,2-Tri-Tri-Tri-Trichloro-Di-Methylene Tetrachlorochlorochlorochloro-Vinyl tri-Methyl transchloromethyl QUARTER Ethyl-Methyl- Chloride chloro- ethylene Toluene Dichloro- ethane ethylene fluorochloride fluorobenzene Methylethane ethvl chloride (0.1) ethane (0.02)(0.75) ethylene (0.06)(0.01)(0.1)methane (0.001) Acetone ethane YEAR NO. benzene \*\*\*\*\*\*\* WELL NO. 20 ( LOWER FLOW ZONE ) \*\*\*\*\*\*\*\* 1983 1984 4 1985 ---1985 1985 1985 1986 ---1986 1986 0.017 RDI. 1986 BDL BDL BDL BDL BDL 0.012 ---1987 ---1987 0.032 0.035 ND ND ND 1987 ND ---1987 0.025 ---0.01 ------------1988 1988 0.028 ---------ND ND

0.019

ND

ND

ND

ND

NOTES: WHERE STATE STANDARDS EXIST. THEY ARE SHOWN IN PARENTHESES IMMEDIATELY BELOW THE CHEMICAL NAME. ND = NOT DETECTED ; BDL = BELOW DETECTION LIMITS ; --- = NOT TESTED

ND

#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 3 of 3

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| 0     |               | []                |                    |                     |                       |   |   | mg/l              |   |   |   |                                      |                                       |                              |         |                                  |                |                                    | ,                         |
|-------|---------------|-------------------|--------------------|---------------------|-----------------------|---|---|-------------------|---|---|---|--------------------------------------|---------------------------------------|------------------------------|---------|----------------------------------|----------------|------------------------------------|---------------------------|
|       | UARTER<br>NO. | Ethyl-<br>benzene | Methyl-<br>bromide | Methyl-<br>chloride | Methylene<br>Chloride | 1,1,2,2-<br>Tetra-<br>chloro-<br>ethane | Tetra-<br>chloro-<br>ethylene<br>(0.02) | Toluene<br>(0.75) | 1,2-<br>trans-<br>Dichloro-<br>ethylene | 1,1,1-<br>Tri-<br>chloro-<br>ethane<br>(0.06) | 1,1,2-<br>Tri-<br>chloro-<br>ethane<br>(0.01) | Tri-<br>chloro-<br>ethylene<br>(0.1) | Tri-<br>chloro-<br>fluoro-<br>methane | Vinyl<br>chloride<br>(0.001) | Acetone | Tri- chloro- tri- fluoro- ethane | 2-<br>Hexanone | Di-<br>methyl<br>benzene<br>(0.62) | Methyl<br>ethyl<br>ketone |
| ***** | ***           | WELL NO. 2        | l ( UPPER          | PLOW ZONE           | ) ******              | <b>*</b> *                              |   |                   |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1983  | 4             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1984  | 4             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1985  | 1             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1985  | 2             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1985  | 3             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1985  | 4             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1986  | 1             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1986  | 2             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1986  | 3             |                   |                    |                     |                       |   |   |                   |   |   |   |                                      |                                       |                              |         |                                  |                |                                    |                           |
| 1986  | 4             | BDL               | BDL                | BDL                 | BDL                   | BDL                                     | BDL                                     | BDL               | BDL                                     | 3.3   | BDL   | 2.3                                  |                                       | BDL                          |         |                                  |                |                                    |                           |
| 1987  | 1             |                   |                    |                     |                       |   |   |                   |   |   |   | 1.7                                  |                                       |                              |         |                                  |                |                                    |                           |
| 1987  | 2             |                   |                    |                     |                       |   |   |                   |   |   |   | 1.4                                  |                                       |                              |         |                                  |                | •••                                |                           |
| 1987  | 3             | ND                | ND                 | ИD                  | ND                    | ND                                      | ND                                      | ИD                | ND                                      | 2.8   | ND  | 2.1                                  |                                       | ND                           | ND      |                                  | ND             | ND                                 | ND                        |
| 1987  | 4             |                   |                    |                     |                       |   |   |                   |   |   |   | 2                                    |                                       |                              |         |                                  |                |                                    |                           |
| 1988  | 1             |                   |                    |                     |                       |   |   |                   |   |   |   | 1.8                                  |                                       |                              |         |                                  |                |                                    |                           |
| 1988  | 2             |                   |                    |                     |                       |   |   |                   |   |   |   | 1.1                                  |                                       |                              |         |                                  |                |                                    |                           |
| 1988  | 3             | ND                | ND                 | ND                  | ND                    | ND                                      | ND                                      | ND                | ND                                      | 1.900   | KD  | 1.500                                |                                       | ND                           | ND      |                                  | ND             | ND                                 | ND                        |

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#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 3 of 3

PART 5 01 5

| _    |               | -                 |                    |                     |                       |   |   | mg/l           |   | 1,1,1-                              | 1,1,2-                              |                                      |                                       |                              | [       | Non<br>Tri-                          | -Priority F    | olluntant                          | s                         |
|------|---------------|-------------------|--------------------|---------------------|-----------------------|---|---|----------------|---|-------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|------------------------------|---------|--------------------------------------|----------------|------------------------------------|---------------------------|
|      | UARTER<br>NO. | Ethyl-<br>benzene | Methyl-<br>bromide | Methyl-<br>chloride | Methylene<br>Chloride | 1,1,2,2-<br>Tetra-<br>chloro-<br>ethane | Tetra-<br>chloro-<br>ethylene<br>(0.02) | Toluene (0.75) | 1,2-<br>trans-<br>Dichloro-<br>ethylene | Tri-<br>chloro-<br>ethane<br>(0.06) | Tri-<br>chloro-<br>ethane<br>(0.01) | Tri-<br>chloro-<br>ethylene<br>(0.1) | Tri-<br>chloro-<br>fluoro-<br>methane | Vinyl<br>chloride<br>(0.001) | Acetone | chloro-<br>tri-<br>fluoro-<br>ethane | 2-<br>Hexanone | Di-<br>methyl<br>benzene<br>(0.62) | Methyl<br>ethyl<br>ketone |
| **** | ****          | ELL NO. 2         | 2 ( UPPER          | FLOW ZONE           | ) ******              | *                                       |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1983 | 4             |                   |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1984 | 4             |                   |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1985 | 1             |                   |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1985 | 2             |                   |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1985 | 3             |                   |                    |                     | ~                     |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1985 | 4             |                   |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986 | 1             |                   |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986 | 2             |                   |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986 | 3             |                   |                    |                     |                       |   |   |                |   |                                     |                                     |                                      |                                       |                              |         |                                      |                |                                    |                           |
| 1986 | 4             | BDL               | BDL                | BDL                 | BDL                   | BDL                                     | BDL                                     | BDL            | BDL                                     | 0.95                                | BDL                                 | 0.23                                 |                                       | BDL                          |         |                                      |                |                                    |                           |
| 1987 | 1             |                   |                    |                     |                       |   |   |                |   |                                     |                                     | 0.17                                 |                                       |                              |         |                                      |                |                                    |                           |
| 1987 | 2             |                   |                    |                     |                       |   |   |                |   |                                     |                                     | 0.27                                 |                                       |                              |         |                                      |                |                                    |                           |
| 1987 | 3             | ND                | ND                 | ND                  | ND                    | ND                                      | ND                                      | ND             | ND                                      | 0.51                                | ND                                  | 0.37                                 |                                       | ND                           | ND      |                                      | ND             | ND                                 | ND                        |
| 1987 | 4             |                   |                    |                     |                       |   |   |                |   |                                     |                                     | 0.24                                 |                                       |                              |         |                                      |                |                                    |                           |
| 1988 | 1             |                   |                    |                     |                       |   |   |                |   |                                     |                                     | 0.15                                 |                                       |                              |         |                                      |                |                                    |                           |
| 1988 | 2             |                   |                    |                     |                       |   |   |                |   |                                     |                                     | 0.23                                 |                                       |                              |         |                                      |                |                                    |                           |
| 1988 | 3             | ND                | ND                 | ND                  | ND                    | ND                                      | ND                                      | ND             | ND                                      | 0.140                               | ND                                  | 0.063                                |                                       | ND                           | ИD      |                                      | ND             | ND                                 | ND                        |

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#### SPARTON TECHNOLOGY, INC. COORS ROAD FACILITY GROUNDWATER MONITORING RESULTS PART 3 of 3

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[----- Non-Priority Polluntants ----] 1,1,1-1,1,2-Tri-1,1,2,2chloro-Tetra-1,2-Tri-Tri-Tri-Tri-Di-Methylene Tetrachlorochlorochlorochlorochloro-Vinyl trimethyl trans-Methyl QUARTER Ethyl-Methyl-Methyl- Chloride chloro- ethylene Toluene Dichloro- ethane ethylene fluorochloride fluoroethane benzene ethyl YEAR NO. chloride (0.1) ethane (0.02)(0.75)ethylene (0.06)(0.01)(0.1)methane (0.001) Acetone ethane Hexanone (0.62) bromide WELL NO. 23 ( UPPER FLOW ZONE ) \*\*\*\*\*\*\*\* 1983 1984 1985 1985 1985 1985 1986 1986 1986 RDI. 1986 BDL BDL BDL BDL 7.5 1987 1987 3.7 1987 ND ND ND ND 3.9 1987 13 1988 13 ---1988 ---11

3,200

3.900

ND

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