SPARTON

SPARTON TECHNOLOGY

Ron H
Barbara

Return to Technical

JUL - 6 1994

July 1, 1994

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Benito Garcia
Bureau Chief
Hazardous and Radioactive Materials Bureau
New Mexico Environment Department
525 Camino de los Marquez
Santa Fe, New Mexico 87502

Dear Mr. Garcia:

Enclosed is Sparton Technology's Quarterly Report for the Second Quarter 1994 as required by the Alternate Ground Water Monitoring Program. Included in the report are copies of the lab data sheets. Ground water samples were collected by Sparton Technology, Inc. and Metric Corp. personnel on April 6, 1994.

MW-15 was not sampled in the 2nd Quarter as the well was dry. This information was forwarded to Mr. Steven M. Alexander of NMED via letter, dated April 11, 1994

If you have any questions please contact John Wakefield or myself at (505) 892-5300. Thank you for your attention to this matter.

Sincerely,
SPARTON TECHNOLOGY, INC.

R D Mico

Richard D. Mico
Vice President and General Manager

Enclosure:

cc: Mr. J. Appel (wo./encl.)
Mr. P. Chandler
Mr. G. Richardson
Mr. J. Wakefield

006282

Sparton Technology, Inc. □ 4901 Rockaway Blvd., SE □ Rio Rancho, NM 87124-4469 □ (505) 892-5300 □ FAX (505) 892-5515

## INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

## ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d)(4), (5), and (7)(e), and (f), and Section 265.94(b).]

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY, INC. SECOND QUARTER 1994

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-9 SAMPLE COLLECTION BY Peter H. Metzner

WELL DEPTH* 78.35 LABORATORY NAME Analytical Tech. Inc.

DATE SAMPLED 04/06/94 LABORATORY SAMPLE I.D. # 404324-01

TIME SAMPLED 1138 DATE RECEIVED BY LAB. 04/06/94

| PARAMETERS | STORET CODE | UNITS | VALUE | DATE ANALYZED |
|---|---|---|---|---|
| Elevation of G. Water | 71993 | ft. | 4974.30 | 04/06/94 |
| Well Casing Volume | ----- | gal. | 1.39 | 04/06/94 |
| Pump Rate | ----- | gal/min | 0.06 | 04/06/94 |
| Pump Period | 74004 | min. | 71 | 04/06/94 |
| Volume Evacuated | 73675 | gal. | 4.2 | 04/06/94 |
| Well Sampling Method | 84077 | --- | BRDLP | 04/06/94 |
| Sampler Material | | --- | TEFLN | N/A |

Well Sampling Method: BLDRP

* Well Depth = Total depth elevation subtracted from the surveyed elevation on the outer protective casing.

INDICATOR PARAMETERS
MW-9
PAGE 2

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| pH | 00400 | S.U. | 7.90 | N/A | 04/07/94 | |
| | 00400 | S.U. | | | | 150.1 |
| | 00400 | S.U. | | | | |
| | 00400 | S.U. | | | | |
| Specific Conductivity | 00095 | umhos/cm | 769 | N/A | 04/07/94 | |
| | 00095 | umhos/cm | | | | 120.1 |
| | 00095 | umhos/cm | | | | |
| | 00095 | umhos/cm | | | | |
| T.O.X. | 70354 | ug/1 | 590 | 20 | 04/19/94 | |
| | 70354 | ug/1 | | | | 9020M |
| | 70354 | ug/1 | | | | |
| | 70354 | ug/1 | | | | |
| T.O.C. | 00680 | mg/1 | 1 | 1.0 | 04/11/94 | |
| | 00680 | mg/1 | | | | 415.2 |
| | 00680 | mg/1 | | | | |
| | 00680 | mg/1 | | | | |

GROUND WATER QUALITY PARAMETERS
MW-9
PAGE 3

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| Chloride | 00940 | mg/1 | N/A | | | |
| Iron | 01045 | ug/1 | N/A | | | |
| Manganese | 71883 | ug/1 | N/A | | | |
| Phenols | 32730 | ug/1 | N/A | | | |
| Sodium | 00929 | mg/1 | N/A | | | |
| Sulfate | 00945 | mg/1 | N/A | | | |
| Turbidity | | NTU | N/A | | | |

DATE OF THIS REPORT: 06/10/94

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

N/A = Not Applicable

MONITORING WELL APPENDIX VI OR IX DATA FOR FACILITIES IN ASSESSMENT

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d)(4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

| PARAMETER | STORET CODE | UNIT | VALUE | DETECTION LIMIT | DATE EXTRACTED | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|---|
| 1,1,-DICHLOROETHENE | | UG/L | 22 | 5.0 | N/A | 04/19/94 | 8010 |
| TRICHLOROETHENE | | UG/L | 740 | 5.0 | N/A | 04/19/94 | 8010 |

N/A = Not Applicable

006286

INTERIM STATUS MONITORING WELL
SAMPLING AND DATA SHEETS

ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d)(4), (5), and (7)(e), and (f), and Section 265.94(b).]

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY, INC. SECOND QUARTER 1994

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-14 SAMPLE COLLECTION BY John M. Wakefield

WELL DEPTH* 71.95 LABORATORY NAME Analytical Tech. Inc.

DATE SAMPLED 04/06/94 LABORATORY SAMPLE I.D. # 404324-03

TIME SAMPLED 1010 DATE RECEIVED BY LAB. 04/06/94

| PARAMETERS | STORET CODE | UNITS | VALUE | DATE ANALYZED |
|---|---|---|---|---|
| Elevation of G. Water | 71993 | ft. | 4973.26 | 04/06/94 |
| Well Casing Volume | ----- | gal. | 0.54 | 04/06/94 |
| Pump Rate | ----- | gal/min | 0.08 | 04/06/94 |
| Pump Period | 74004 | min. | 24 | 04/06/94 |
| Volume Evacuated | 73675 | gal. | 1.8 | 04/06/94 |
| Well Sampling Method | 84077 | --- | BRDLP | 04/06/94 |
| Sampler Material | | --- | TEFLN | N/A |
| Well Sampling Method: | | | BLDRP | |

* Well Depth = Total depth elevation subtracted from the surveyed elevation on the outer protective casing.

INDICATOR PARAMETERS
MW-14
PAGE 2

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| pH | 00400 | S.U. | 8.82 | N/A | 04/07/94 | |
| | 00400 | S.U. | | | | 150.1 |
| | 00400 | S.U. | | | | |
| | 00400 | S.U. | | | | |
| Specific Conductivity | 00095 | umhos/cm | 706 | N/A | 04/07/94 | |
| | 00095 | umhos/cm | | | | 120.1 |
| | 00095 | umhos/cm | | | | |
| | 00095 | umhos/cm | | | | |
| T.O.X. | 70354 | ug/1 | 520 | 20 | 04/19/94 | |
| | 70354 | ug/1 | | | | 9020M |
| | 70354 | ug/1 | | | | |
| | 70354 | ug/1 | | | | |
| T.O.C. | 00680 | mg/1 | <1.0 | 1.0 | 04/11/94 | |
| | 00680 | mg/1 | | | | 415.2 |
| | 00680 | mg/1 | | | | |
| | 00680 | mg/1 | | | | |

GROUND WATER QUALITY PARAMETERS
MW-14
PAGE 3

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| Chloride | 00940 | mg/1 | N/A | | | |
| Iron | 01045 | ug/1 | N/A | | | |
| Manganese | 71883 | ug/1 | N/A | | | |
| Phenols | 32730 | ug/1 | N/A | | | |
| Sodium | 00929 | mg/1 | N/A | | | |
| Sulfate | 00945 | mg/1 | N/A | | | |
| Turbidity | | NTU | N/A | | | |

DATE OF THIS REPORT: 06/10/94

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

N/A = Not Applicable

MONITORING WELL APPENDIX VI OR IX DATA FOR FACILITIES IN ASSESSMENT

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d)(4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

| PARAMETER | STORET CODE | UNIT | VALUE | DETECTION LIMIT | DATE EXTRACTED | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|---|
| 1,1,-DICHLOROETHENE | | UG/L | 19 | 5.0 | N/A | 04/19/94 | 8010 |
| TRICHLOROETHENE | | UG/L | 730 | 5.0 | N/A | 04/19/94 | 8010 |

N/A = Not Applicable

062900

## INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

## ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d)(4), (5), and (7)(e), and (f), and Section 265.94(b).]

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY, INC. SECOND QUARTER 1994

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-15*1 SAMPLE COLLECTION BY N/A

WELL DEPTH*2 73.17 LABORATORY NAME N/A

DATE SAMPLED N/A LABORATORY SAMPLE I.D. # N/A

TIME SAMPLED N/A DATE RECEIVED BY LAB. N/A

| PARAMETERS | STORET CODE | UNITS | VALUE | DATE ANALYZED |
|---|---|---|---|---|
| Elevation of G. Water | 71993 | ft. | N/A | N/A |
| Well Casing Volume | ----- | gal. | N/A | N/A |
| Pump Rate | ----- | gal/min | N/A | N/A |
| Pump Period | 74004 | min. | N/A | N/A |
| Volume Evacuated | 73675 | gal. | N/A | N/A |
| Well Sampling Method | 84077 | --- | N/A | N/A |
| Sampler Material | | --- | TEFLN | N/A |

Well Sampling Method: BLDRP

*1 MW-15 was not sampled in the Second Quarter, 1994 as the well was dry.

*2 Well Depth = Total depth elevation subtracted from the surveyed elevation on the outer protective casing.

INDICATOR PARAMETERS
MW-15
PAGE 2

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| pH | 00400 | S.U. | N/A | N/A | N/A | |
| | 00400 | S.U. | | | | 150.1 |
| | 00400 | S.U. | | | | |
| | 00400 | S.U. | | | | |
| Specific Conductivity | 00095 | umhos/cm | N/A | N/A | N/A | |
| | 00095 | umhos/cm | | | | 120.1 |
| | 00095 | umhos/cm | | | | |
| | 00095 | umhos/cm | | | | |
| T.O.X. | 70354 | ug/1 | N/A | N/A | N/A | |
| | 70354 | ug/1 | | | | 9020M |
| | 70354 | ug/1 | | | | |
| | 70354 | ug/1 | | | | |
| T.O.C. | 00680 | mg/1 | N/A | N/A | N/A | |
| | 00680 | mg/1 | | | | 415.2 |
| | 00680 | mg/1 | | | | |
| | 00680 | mg/1 | | | | |

GROUND WATER QUALITY PARAMETERS
MW-15
PAGE 3

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| Chloride | 00940 | mg/1 | N/A | | | |
| Iron | 01045 | ug/1 | N/A | | | |
| Manganese | 71883 | ug/1 | N/A | | | |
| Phenols | 32730 | ug/1 | N/A | | | |
| Sodium | 00929 | mg/1 | N/A | | | |
| Sulfate | 00945 | mg/1 | N/A | | | |
| Turbidity | | NTU | N/A | | | |

DATE OF THIS REPORT: 06/10/94

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

N/A = Not Applicable

006294

MONITORING WELL APPENDIX VI OR IX DATA FOR FACILITIES IN ASSESSMENT

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d)(4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

| PARAMETER | STORET CODE | UNIT | VALUE | DETECTION LIMIT | DATE EXTRACTED | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|---|
| 1,1,-DICHLOROETHENE | | UG/L | N/A* | N/A | N/A | N/A | N/A |
| TRICHLOROETHENE | | UG/L | N/A* | N/A | N/A | N/A | N/A |

* MW-15 not sampled, well dry.
N/A = Not Applicable

## INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

## ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d)(4), (5), and (7)(e), and (f), and Section 265.94(b).]

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY, INC. SECOND QUARTER 1994

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-16 SAMPLE COLLECTION BY John M. Wakefield

WELL DEPTH* 71.52 LABORATORY NAME Analytical Tech. Inc.

DATE SAMPLED 04/06/94 LABORATORY SAMPLE I.D. # 404324-06

TIME SAMPLED 1408 DATE RECEIVED BY LAB. 04/06/94

| PARAMETERS | STORET CODE | UNITS | VALUE | DATE ANALYZED |
|---|---|---|---|---|
| Elevation of G. Water | 71993 | ft. | 4979.52 | 04/06/94 |
| Well Casing Volume | ----- | gal. | 0.58 | 04/06/94 |
| Pump Rate | ----- | gal/min | 0.03 | 04/06/94 |
| Pump Period | 74004 | min. | 77 | 04/06/94 |
| Volume Evacuated | 73675 | gal. | 2.1 | 04/06/94 |
| Well Sampling Method | 84077 | --- | BRDLP | 04/06/94 |
| Sampler Material | | --- | TEFLN | N/A |
| Well Sampling Method: | | | BLDRP | |

* Well Depth = Total depth elevation subtracted from the surveyed elevation on the outer protective casing.

INDICATOR PARAMETERS
MW-16
PAGE 2

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| pH | 00400 | S.U. | 7.48 | N/A | 04/07/94 | |
| | 00400 | S.U. | | | | 150.1 |
| | 00400 | S.U. | | | | |
| | 00400 | S.U. | | | | |
| Specific Conductivity | 00095 | umhos/cm | 1170 | N/A | 04/07/94 | |
| | 00095 | umhos/cm | | | | 120.1 |
| | 00095 | umhos/cm | | | | |
| | 00095 | umhos/cm | | | | |
| T.O.X. | 70354 | ug/1 | 21300 | 20 | 04/19/94 | |
| | 70354 | ug/1 | | | | 9020M |
| | 70354 | ug/1 | | | | |
| | 70354 | ug/1 | | | | |
| T.O.C. | 00680 | mg/1 | 2 | 1.0 | 04/11/94 | |
| | 00680 | mg/1 | | | | 415.2 |
| | 00680 | mg/1 | | | | |
| | 00680 | mg/1 | | | | |

GROUND WATER QUALITY PARAMETERS
MW-16
PAGE 3

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| Chloride | 00940 | mg/1 | N/A | | | |
| Iron | 01045 | ug/1 | N/A | | | |
| Manganese | 71883 | ug/1 | N/A | | | |
| Phenols | 32730 | ug/1 | N/A | | | |
| Sodium | 00929 | mg/1 | N/A | | | |
| Sulfate | 00945 | mg/1 | N/A | | | |
| Turbidity | | NTU | N/A | | | |

DATE OF THIS REPORT: 06/10/94

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

N/A = Not Applicable

MONITORING WELL APPENDIX VI OR IX DATA FOR FACILITIES IN ASSESSMENT

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d)(4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

| PARAMETER | STORET CODE | UNIT | VALUE | DETECTION LIMIT | DATE EXTRACTED | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|---|
| 1,1,-DICHLOROETHENE | | UG/L | 190 | 100 | N/A | 04/19/94 | 8010 |
| TRICHLOROETHENE | | UG/L | 11000 | 100 | N/A | 04/19/94 | 8010 |

N/A = Not Applicable

006298

## INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

## ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d)(4), (5), and (7)(e), and (f), and Section 265.94(b).]

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY, INC. SECOND QUARTER 1994

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-19 SAMPLE COLLECTION BY John M. Wakefield

WELL DEPTH* 111.43 LABORATORY NAME Analytical Tech. Inc.

DATE SAMPLED 04/06/94 LABORATORY SAMPLE I.D. # 404324-01

TIME SAMPLED 0900 DATE RECEIVED BY LAB. 04/06/94

| PARAMETERS | STORET CODE | UNITS | VALUE | DATE ANALYZED |
|---|---|---|---|---|
| Elevation of G. Water | 71993 | ft. | 4973.11 | 04/06/94 |
| Well Casing Volume | ----- | gal. | 25.00 | 04/06/94 |
| Pump Rate | ----- | gal/min | 1.04 | 04/06/94 |
| Pump Period | 74004 | min. | 86 | 04/06/94 |
| Volume Evacuated | 73675 | gal. | 76.8 | 04/06/94 |
| Well Sampling Method | 84077 | --- | BRDLP | 04/06/94 |
| Sampler Material | | --- | TEFLN | N/A |

Well Sampling Method: BLDRP

* Well Depth = Total depth elevation subtracted from the surveyed elevation on the outer protective casing.

INDICATOR PARAMETERS
MW-19
PAGE 2

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| pH | 00400 | S.U. | 7.54 | N/A | 04/07/94 | |
| | 00400 | S.U. | | | | 150.1 |
| | 00400 | S.U. | | | | |
| | 00400 | S.U. | | | | |
| Specific Conductivity | 00095 | umhos/cm | 686 | N/A | 04/07/94 | |
| | 00095 | umhos/cm | | | | 120.1 |
| | 00095 | umhos/cm | | | | |
| | 00095 | umhos/cm | | | | |
| T.O.X. | 70354 | ug/1 | 80 | 20 | 04/19/94 | |
| | 70354 | ug/1 | | | | 9020M |
| | 70354 | ug/1 | | | | |
| | 70354 | ug/1 | | | | |
| T.O.C. | 00680 | mg/1 | <1.0 | 1.0 | 04/11/94 | |
| | 00680 | mg/1 | | | | 415.2 |
| | 00680 | mg/1 | | | | |
| | 00680 | mg/1 | | | | |

GROUND WATER QUALITY PARAMETERS
MW-19
PAGE 3

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| Chloride | 00940 | mg/1 | N/A | | | |
| Iron | 01045 | ug/1 | N/A | | | |
| Manganese | 71883 | ug/1 | N/A | | | |
| Phenols | 32730 | ug/1 | N/A | | | |
| Sodium | 00929 | mg/1 | N/A | | | |
| Sulfate | 00945 | mg/1 | N/A | | | |
| Turbidity | | NTU | N/A | | | |

DATE OF THIS REPORT: 06/10/94

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

N/A = Not Applicable

006302

MONITORING WELL APPENDIX VI OR IX DATA FOR FACILITIES IN ASSESSMENT

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d)(4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

| PARAMETER | STORET CODE | UNIT | VALUE | DETECTION LIMIT | DATE EXTRACTED | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|---|
| 1,1,-DICHLOROETHENE | | UG/L | 2.8 | 0.4 | N/A | 04/19/94 | 8010 |
| TRICHLOROETHENE | | UG/L | 81 | 0.4 | N/A | 04/19/94 | 8010 |

N/A = Not Applicable

## INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

## ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d)(4), (5), and (7)(e), and (f), and Section 265.94(b).]

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY, INC. SECOND QUARTER 1994

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-20 SAMPLE COLLECTION BY Peter H. Metzner

WELL DEPTH* 139.00 LABORATORY NAME Analytical Tech. Inc.

DATE SAMPLED 04/06/94 LABORATORY SAMPLE I.D. # 404324-02

TIME SAMPLED 0928 DATE RECEIVED BY LAB. 04/06/94

| PARAMETERS | STORET CODE | UNITS | VALUE | DATE ANALYZED |
|---|---|---|---|---|
| Elevation of G. Water | 71993 | ft. | 4972.93 | 04/06/94 |
| Well Casing Volume | ----- | gal. | 43.18 | 04/06/94 |
| Pump Rate | ----- | gal/min | 1.19 | 04/06/94 |
| Pump Period | 74004 | min. | 115 | 04/06/94 |
| Volume Evacuated | 73675 | gal. | 132.0 | 04/06/94 |
| Well Sampling Method | 84077 | --- | BRDLP | 04/06/94 |
| Sampler Material | | --- | TEFLN | N/A |

Well Sampling Method: BLDRP

* Well Depth = Total depth elevation subtracted from the surveyed elevation on the outer protective casing.

INDICATOR PARAMETERS
MW-20
PAGE 2

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| pH | 00400 | S.U. | 7.80 | N/A | 04/07/94 | |
| | 00400 | S.U. | | | | 150.1 |
| | 00400 | S.U. | | | | |
| | 00400 | S.U. | | | | |
| Specific Conductivity | 00095 | umhos/cm | 571 | N/A | 04/07/94 | |
| | 00095 | umhos/cm | | | | 120.1 |
| | 00095 | umhos/cm | | | | |
| | 00095 | umhos/cm | | | | |
| T.O.X. | 70354 | ug/1 | 30 | 20 | 04/19/94 | |
| | 70354 | ug/1 | | | | 9020M |
| | 70354 | ug/1 | | | | |
| | 70354 | ug/1 | | | | |
| T.O.C. | 00680 | mg/1 | <1.0 | 1.0 | 04/11/94 | |
| | 00680 | mg/1 | | | | 415.2 |
| | 00680 | mg/1 | | | | |
| | 00680 | mg/1 | | | | |

GROUND WATER QUALITY PARAMETERS
MW-20
PAGE 3

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| Chloride | 00940 | mg/1 | N/A | | | |
| Iron | 01045 | ug/1 | N/A | | | |
| Manganese | 71883 | ug/1 | N/A | | | |
| Phenols | 32730 | ug/1 | N/A | | | |
| Sodium | 00929 | mg/1 | N/A | | | |
| Sulfate | 00945 | mg/1 | N/A | | | |
| Turbidity | | NTU | N/A | | | |

DATE OF THIS REPORT: 06/10/94

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

N/A = Not Applicable

006306

MONITORING WELL APPENDIX VI OR IX DATA FOR FACILITIES IN ASSESSMENT

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d)(4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

| PARAMETER | STORET CODE | UNIT | VALUE | DETECTION LIMIT | DATE EXTRACTED | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|---|
| 1,1,-DICHLOROETHENE | | UG/L | <0.2 | 0.2 | N/A | 04/19/94 | 8010 |
| TRICHLOROETHENE | | UG/L | 0.2 | 0.2 | N/A | 04/19/94 | 8010 |

N/A = Not Applicable

## INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

## ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d)(4), (5), and (7)(e), and (f), and Section 265.94(b).]

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY, INC. SECOND QUARTER 1994

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-21 SAMPLE COLLECTION BY John M. Wakefield

WELL DEPTH* 70.56 LABORATORY NAME Analytical Tech. Inc.

DATE SAMPLED 04/06/94 LABORATORY SAMPLE I.D. # 404324-05

TIME SAMPLED 1144 DATE RECEIVED BY LAB. 04/06/94

| PARAMETERS | STORET CODE | UNITS | VALUE | DATE ANALYZED |
|---|---|---|---|---|
| Elevation of G. Water | 71993 | ft. | 4979.16 | 04/06/94 |
| Well Casing Volume | ----- | gal. | 0.23 | 04/06/94 |
| Pump Rate | ----- | gal/min | 0.02 | 04/06/94 |
| Pump Period | 74004 | min. | 57 | 04/06/94 |
| Volume Evacuated | 73675 | gal. | 0.9 | 04/06/94 |
| Well Sampling Method | 84077 | --- | BRDLP | 04/06/94 |
| Sampler Material | | --- | TEFLN | N/A |

Well Sampling Method: BLDRP

* Well Depth = Total depth elevation subtracted from the surveyed elevation on the outer protective casing.

INDICATOR PARAMETERS
MW-21
PAGE 2

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| pH | 00400 | S.U. | 7.88 | N/A | 04/07/94 | |
| | 00400 | S.U. | | | | 150.1 |
| | 00400 | S.U. | | | | |
| | 00400 | S.U. | | | | |
| Specific Conductivity | 00095 | umhos/cm | 613 | N/A | 04/07/94 | |
| | 00095 | umhos/cm | | | | 120.1 |
| | 00095 | umhos/cm | | | | |
| | 00095 | umhos/cm | | | | |
| T.O.X. | 70354 | ug/1 | 340 | 20 | 04/19/94 | |
| | 70354 | ug/1 | | | | 9020M |
| | 70354 | ug/1 | | | | |
| | 70354 | ug/1 | | | | |
| T.O.C. | 00680 | mg/1 | <1.0 | 1.0 | 04/11/94 | |
| | 00680 | mg/1 | | | | 415.2 |
| | 00680 | mg/1 | | | | |
| | 00680 | mg/1 | | | | |

GROUND WATER QUALITY PARAMETERS
MW-21
PAGE 3

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| Chloride | 00940 | mg/1 | N/A | | | |
| Iron | 01045 | ug/1 | N/A | | | |
| Manganese | 71883 | ug/1 | N/A | | | |
| Phenols | 32730 | ug/1 | N/A | | | |
| Sodium | 00929 | mg/1 | N/A | | | |
| Sulfate | 00945 | mg/1 | N/A | | | |
| Turbidity | | NTU | N/A | | | |

DATE OF THIS REPORT: 06/10/94

SIGNATURE: John M. Wakefield

NAME (PRINTED): JOHN M. WAKEFIELD

N/A = Not Applicable

006310

MONITORING WELL APPENDIX VI OR IX DATA FOR FACILITIES IN ASSESSMENT

Under assessment monitoring as per HWMR-5 Part VI Section 265.93(d)(4), (5) and (7) and 42 Federal Register, 25942 (July 9, 1987), please list values for the Appendix VII or IX parameters which were found in your Appendix IX scan.

| PARAMETER | STORET CODE | UNIT | VALUE | DETECTION LIMIT | DATE EXTRACTED | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|---|
| 1,1,-DICHLOROETHENE | | UG/L | 11 | 2.0 | N/A | 04/19/94 | 8010 |
| TRICHLOROETHENE | | UG/L | 280 | 2.0 | N/A | 04/19/94 | 8010 |

N/A = Not Applicable

## INTERIM STATUS MONITORING WELL SAMPLING AND DATA SHEETS

## ASSESSMENT QUARTERLY REPORT AND ANNUAL SUMMARY

This set of data sheets is for use by all facilities in assessment monitoring. [HWMR-5, Part VI, Section 265.93(d)(4), (5), and (7)(e), and (f), and Section 265.94(b).]

NEW MEXICO ENVIRONMENTAL DEPARTMENT
HAZARDOUS & RADIOACTIVE MATERIALS BUREAU
P.O. BOX 26110
525 CAMINO DE LOS MARQUEZ
SANTA FE, NEW MEXICO 87502

FACILITY NAME SPARTON TECHNOLOGY, INC. SECOND QUARTER 1994

EPA I.D. NUMBER NMD 083212332

WELL NUMBER MW-22 SAMPLE COLLECTION BY Peter H. Metzner

WELL DEPTH* 76.05 LABORATORY NAME Analytical Tech. Inc.

DATE SAMPLED 04/06/94 LABORATORY SAMPLE I.D. # 404324-07

TIME SAMPLED 1330 DATE RECEIVED BY LAB. 04/06/94

| PARAMETERS | STORET CODE | UNITS | VALUE | DATE ANALYZED |
|---|---|---|---|---|
| Elevation of G. Water | 71993 | ft. | 4978.72 | 04/06/94 |
| Well Casing Volume | ----- | gal. | 1.09 | 04/06/94 |
| Pump Rate | ----- | gal/min | 0.09 | 04/06/94 |
| Pump Period | 74004 | min. | 43 | 04/06/94 |
| Volume Evacuated | 73675 | gal. | 3.4 | 04/06/94 |
| Well Sampling Method | 84077 | --- | BRDLP | 04/06/94 |
| Sampler Material | | --- | TEFLN | N/A |
| Well Sampling Method: | | | BLDRP | |

* Well Depth = Total depth elevation subtracted from the surveyed elevation on the outer protective casing.

INDICATOR PARAMETERS
MW-22
PAGE 2

| PARAMETERS | STORET CODE | UNITS | VALUE | DETECTION LIMIT | DATE ANALYZED | METHOD USED |
|---|---|---|---|---|---|---|
| pH | 00400 | S.U. | 7.85 | N/A | 04/07/94 | |
| | 00400 | S.U. | | | | 150.1 |
| | 00400 | S.U. | | | | |
| | 00400 | S.U. | | | | |
| Specific Conductivity | 00095 | umhos/cm | 701 | N/A | 04/07/94 | |
| | 00095 | umhos/cm | | | | 120.1 |
| | 00095 | umhos/cm | | | | |
| | 00095 | umhos/cm | | | | |
| T.O.X. | 70354 | ug/1 | 90 | 20 | 04/19/94 | |
| | 70354 | ug/1 | | | | 9020M |
| | 70354 | ug/1 | | | | |
| | 70354 | ug/1 | | | | |
| T.O.C. | 00680 | mg/1 | <1.0 | 1.0 | 04/11/94 | |
| | 00680 | mg/1 | | | | 415.2 |
| | 00680 | mg/1 | | | | |
| | 00680 | mg/1 | | | | |

2Q 1994 State Wells
MW-15 Dry

Analytical Technologies, Inc.

2709-D Pan American Freeway, NE Albuquerque, NM 87107
Phone (505) 344-3777 FAX (505) 344-4413

ATI I.D. **404324**

April 27, 1994

Sparton Technology, Inc.
4901 Rockaway Blvd., SE
Rio Rancho, NM 87124-4469

Project Name/Number: 2Q94 STATE WELLS 040694

Attention: John Wakefield

On **04/06/94**, Analytical Technologies, Inc., (ADHS License No. AZ0015), received a request to analyze **aqueous** samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

Conductivity analyses were performed by Analytical Technologies, Inc., 9830 S. 51st Street, Suite B-113, Phoenix, AZ.

Total Organic Halide and Total Organic Carbon analyses were performed by Analytical Technologies, Inc., 225 Commerce Drive, Fort Collins, CO.

EPA Method 8010 and 150.1 (pH) analyses were performed by Analytical Technologies, Inc., Albuquerque, NM.

If you have any questions or comments, please do not hesitate to contact us at (505) 344-3777.

Letitia Krakowski, Ph.D.
Project Manager

H. Mitchell Rubenstein, Ph.D.
Laboratory Manager

MR:jd

Enclosure

Analytical Technologies, Inc.

| | | | |
|---|---|---|---|
| CLIENT | : SPARTON TECHNOLOGY, INC. | DATE RECEIVED | : 04/06/94 |
| PROJECT # | : 040694 | | |
| PROJECT NAME | : 2Q94 STATE WELLS | REPORT DATE | : 04/27/94 |

ATI ID: 404324

| ATI # | CLIENT DESCRIPTION | MATRIX | DATE COLLECTED |
|---|---|---|---|
| 01 | MW-19 | AQUEOUS | 04/06/94 |
| 02 | MW-20 | AQUEOUS | 04/06/94 |
| 03 | MW-14 | AQUEOUS | 04/06/94 |
| 04 | MW-9 | AQUEOUS | 04/06/94 |
| 05 | MW-21 | AQUEOUS | 04/06/94 |
| 06 | MW-16 | AQUEOUS | 04/06/94 |
| 07 | MW-22 | AQUEOUS | 04/06/94 |
| 08 | FIELD BLANK | AQUEOUS | 04/06/94 |
| 09 | TRIP BLANK | AQUEOUS | 03/29/94 |

---TOTALS---

| MATRIX | #SAMPLES |
|---|---|
| AQUEOUS | 9 |

ATI STANDARD DISPOSAL PRACTICE

The samples from this project will be disposed of in thirty (30) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

# GENERAL CHEMISTRY RESULTS

ATI I.D. : 404324

CLIENT : SPARTON TECH., INC.
PROJECT # : 040694
PROJECT NAME : 2Q94 STATE WELLS

DATE RECEIVED : 04/06
REPORT DATE : 04/27

| PARAMETER | UNITS | 01 | 02 | 03 | 04 | 05 |
|---|---|---|---|---|---|---|
| CONDUCTIVITY, (UMHOS/CM) | | 686 | 571 | 706 | 769 | 613 |

Analytical Technologies, Inc.

# GENERAL CHEMISTRY RESULTS

ATI I.D. : 404324

CLIENT : SPARTON TECH., INC.
PROJECT # : 040694
PROJECT NAME : 2Q94 STATE WELLS

DATE RECEIVED : 04/06/
REPORT DATE : 04/27/

| PARAMETER | UNITS | 06 | 07 | 08 | 09 |
|---|---|---|---|---|---|
| CONDUCTIVITY, (UMHOS/CM) | | 1170 | 701 | 8.87 | 7.47 |

Analytical Technologies, Inc GENERAL CHEMISTRY - QUALITY CONTROL

CLIENT : SPARTON TECH., INC.
PROJECT # : 040694
PROJECT NAME : 2Q94 STATE WELLS ATI I.D. : 404324

| PARAMETER | UNITS | ATI I.D. | SAMPLE RESULT | DUP. RESULT | RPD | SPIKED SAMPLE | SPIKE CONC | % R |
|---|---|---|---|---|---|---|---|---|
| CONDUCTIVITY | (UMHOS/CM) | 40432407 | 701 | 703 | 0.3 | NA | NA | N |
| CONDUCTIVITY | (UMHOS/CM) | 40432408 | 8.87 | 8.58 | 3 | NA | NA | N |
| CONDUCTIVITY | (UMHOS/CM) | 40432409 | 7.47 | 7.76 | 4 | NA | NA | N |

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times$$

Analytical Technologies, Inc.

# TOTAL ORGANIC CARBON
Method 415.2

Lab Name: Analytical Technologies, Inc.

Date Collected: 04/06/94

Client Name: ATI-NM

Date Analyzed: 04/11/94

Client Project ID: Sparton -- 404324

Sample Matrix: Water

Lab Workorder Number: 94-04-036

| Sample ID | Lab Sample ID | Volume Injected (mL) | TOC Conc. (mg/L) | TOC AVG | RPD |
|---|---|---|---|---|---|
| Reagent Blank | RB 94-04-036 | 1 | < 1.0 | < 1.0 | N/A |
| 404324-01 | 94-04-036-01 | 1 | < 1.0 | | |
| | 94-04-036-01DUP | 1 | < 1.0 | < 1.0 | N/A |
| 404324-02 | 94-04-036-02 | 1 | < 1.0 | | |
| | 94-04-036-02DUP | 1 | < 1.0 | < 1.0 | N/A |
| 404324-03 | 94-04-036-03 | 1 | < 1.0 | | |
| | 94-04-036-03DUP | 1 | < 1.0 | < 1.0 | N/A |
| 404324-04 | 94-04-036-04 | 1 | 1 | | |
| | 94-04-036-04DUP | 1 | 1 | 1 | 0 |
| 404324-05 | 94-04-036-05 | 1 | < 1.0 | | |
| | 94-04-036-05DUP | 1 | < 1.0 | < 1.0 | N/A |
| 404324-06 | 94-04-036-06 | 1 | 2 | | |
| | 94-04-036-06DUP | 1 | 2 | 2 | 0 |
| 404324-07 | 94-04-036-07 | 1 | < 1.0 | | |
| | 94-04-036-07DUP | 1 | < 1.0 | < 1.0 | N/A |
| 404324-08 | 94-04-036-08 | 1 | < 1.0 | | |
| | 94-04-036-08DUP | 1 | < 1.0 | < 1.0 | N/A |
| 404324-09 | 94-04-036-09 | 1 | < 1.0 | | |
| | 94-04-036-09DUP | 1 | < 1.0 | < 1.0 | N/A |

Analytical Technologies, Inc.

# TOTAL ORGANIC HALIDE

Modified Method 9020 TOX

Lab Name: Analytical Technologies, Inc.

Date Collected: 04/06/94

Client Name: ATI-NM

Date Extracted: 04/19/94

Client Project ID: Sparton -- 404324

Date Analyzed: 04/19/94

Lab Workorder Number: 94-04-036

Sample Matrix: Water

| Sample ID | Lab Sample ID | Sample Volume (mL) | TOX Conc. (ug/L) |
|---|---|---|---|
| Reagent Blank | WRB94-04-036 | 100 | < 20 |
| 404324-01 | 94-04-036-01 | 100 | 80 |
| 404324-02 | 94-04-036-02 | 100 | 30 |
| 404324-03 | 94-04-036-03 | 100 | 520 |
| 404324-04 | 94-04-036-04 | 100 | 590 |
| 404324-05 | 94-04-036-05 | 100 | 340 |
| 404324-06 | 94-04-036-06 | 1 | 21300 |
| 404324-07 | 94-04-036-07 | 100 | 90 |
| 404324-08 | 94-04-036-08 | 100 | < 20 |
| 404324-09 | 94-04-036-09 | 100 | < 20 |

Analytical Technologies, Inc.

# TOTAL ORGANIC HALIDE MATRIX SPIKE RESULTS

Modified Method 9020 TOX

Sample ID

404324-01

Lab Name: Analytical Technologies, Inc.

Client Name: ATI-NM

Lab Sample ID: 94-04-036-01

Sample Matrix: Water

Date Extracted: 04/19/94

Date Analyzed: 04/19/94

| Analyte | Spike Added (ug/L) | Sample Concentration (ug/L) | MS Concentration (ug/L) | MS Percent Recovery |
|---|---|---|---|---|
| 2,4,6-Trichlorophenol | 200 | 80 | 280 | 100 |

Analytical Technologies, Inc.

# GENERAL CHEMISTRY RESULTS

| | | | |
|---|---|---|---|
| CLIENT | : SPARTON TECHNOLOGY, INC. | ATI I.D. | : 404324 |
| PROJECT # | : 040694 | DATE RECEIVED | : 04/06/94 |
| PROJECT NAME | : 2Q94 STATE WELLS | DATE ANALYZED | : 04/07/94 |

| PARAMETER | UNITS | 01 | 02 | 03 | 04 |
|---|---|---|---|---|---|
| PH (150.1) | UNITS | 7.54 | 7.80 | 8.82 | 7.90 |

Analytical Technologies, Inc.

# GENERAL CHEMISTRY RESULTS

| | | | |
|---|---|---|---|
| CLIENT | : SPARTON TECHNOLOGY, INC. | ATI I.D. | : 404324 |
| PROJECT # | : 040694 | DATE RECEIVED | : 04/06/94 |
| PROJECT NAME | : 2Q94 STATE WELLS | DATE ANALYZED | : 04/07/94 |

| PARAMETER | UNITS | 05 | 06 | 07 | 08 |
|---|---|---|---|---|---|
| PH (150.1) | UNITS | 7.88 | 7.48 | 7.85 | 6.56 |

Analytical Technologies, Inc.

# GENERAL CHEMISTRY RESULTS

| | | | |
|---|---|---|---|
| CLIENT | : SPARTON TECHNOLOGY, INC. | ATI I.D. | : 404324 |
| PROJECT # | : 040694 | DATE RECEIVED | : 04/06/94 |
| PROJECT NAME | : 2Q94 STATE WELLS | DATE ANALYZED | : 04/07/94 |

| PARAMETER | UNITS | 09 |
|---|---|---|
| PH (150.1) | UNITS | 6.97 |

Analytical Technologies, Inc.

# GENERAL CHEMISTRY - QUALITY CONTROL

CLIENT : SPARTON TECHNOLOGY, INC. ATI I.D. : 404324

PROJECT # : 040694 SAMPLE MATRIX : AQUEOUS

PROJECT NAME : 2Q94 STATE WELLS

| PARAMETER | UNITS | ATI I.D. | SAMPLE RESULT | DUP. RESULT | RPD | SPIKED SAMPLE | SPIKE CONC. | % REC |
|---|---|---|---|---|---|---|---|---|
| PH | UNITS | 40432401 | 7.54 | 7.70 | 2 | NA | NA | NA |

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

Analytical Technologies, Inc.

# GAS CHROMATOGRAPHY RESULTS

TEST : PURGEABLE HALOCARBONS (EPA 8010)
CLIENT : SPARTON TECHNOLOGY, INC. ATI I.D.: 404324
PROJECT # : 040694
PROJECT NAME : 2Q94 STATE WELLS

| SAMPLE ID. # | CLIENT I.D. | MATRIX | DATE SAMPLED | DATE EXTRACTED | DATE ANALYZED | DIL. FACTOR |
|---|---|---|---|---|---|---|
| 01 | MW-19 | AQUEOUS | 04/06/94 | NA | 04/19/94 | 2 |
| 02 | MW-20 | AQUEOUS | 04/06/94 | NA | 04/18/94 | 1 |
| 03 | MW-14 | AQUEOUS | 04/06/94 | NA | 04/19/94 | 25 |

| PARAMETER | UNITS | 01 | 02 | 03 |
|---|---|---|---|---|
| 1,1-DICHLOROETHENE | UG/L | 2.8 | <0.2 | 19 |
| TRICHLOROETHENE | UG/L | 81 | 0.2 | 730 |
| SURROGATES: | | | | |
| BROMOCHLOROMETHANE (%) | | 95 | 98 | 99 |

006327

Analytical Technologies, Inc.

# GAS CHROMATOGRAPHY RESULTS

TEST : PURGEABLE HALOCARBONS (EPA 8010)
CLIENT : SPARTON TECHNOLOGY, INC. ATI I.D.: 404324
PROJECT # : 040694
PROJECT NAME : 2Q94 STATE WELLS

| SAMPLE ID. # | CLIENT I.D. | MATRIX | DATE SAMPLED | DATE EXTRACTED | DATE ANALYZED | DIL. FACTOR |
|---|---|---|---|---|---|---|
| 04 | MW-9 | AQUEOUS | 04/06/94 | NA | 04/19/94 | 25 |
| 05 | MW-21 | AQUEOUS | 04/06/94 | NA | 04/19/94 | 10 |
| 06 | MW-16 | AQUEOUS | 04/06/94 | NA | 04/19/94 | 500 |

| PARAMETER | UNITS | 04 | 05 | 06 |
|---|---|---|---|---|
| 1,1-DICHLOROETHENE | UG/L | 22 | 11 | 190 |
| TRICHLOROETHENE | UG/L | 740 | 280 | 11000 |
| SURROGATES: | | | | |
| BROMOCHLOROMETHANE (%) | | 100 | 100 | 94 |

Analytical Technologies, Inc.

# GAS CHROMATOGRAPHY RESULTS

TEST : PURGEABLE HALOCARBONS (EPA 8010)
CLIENT : SPARTON TECHNOLOGY, INC. ATI I.D.: 404324
PROJECT # : 040694
PROJECT NAME : 2Q94 STATE WELLS

| SAMPLE ID. # | CLIENT I.D. | MATRIX | DATE SAMPLED | DATE EXTRACTED | DATE ANALYZED | DIL. FACTOR |
|---|---|---|---|---|---|---|
| 07 | MW-22 | AQUEOUS | 04/06/94 | NA | 04/19/94 | 2 |
| 08 | FIELD BLANK | AQUEOUS | 04/06/94 | NA | 04/20/94 | 1 |
| 09 | TRIP BLANK | AQUEOUS | 03/29/94 | NA | 04/20/94 | 1 |

| PARAMETER | UNITS | 07 | 08 | 09 |
|---|---|---|---|---|
| 1,1-DICHLOROETHENE | UG/L | 14 | <0.2 | <0.2 |
| TRICHLOROETHENE | UG/L | 62 | 3.0 | <0.2 |
| SURROGATES: | | | | |
| BROMOCHLOROMETHANE (%) | | 103 | 101 | 100 |

Analytical Technologies, Inc.

# GAS CHROMATOGRAPHY RESULTS - QUALITY CONTROL

## REAGENT BLANK

| | | | |
|---|---|---|---|
| TEST | : EPA 8010 | ATI I.D. | : 404324 |
| BLANK I.D. | : 041894 | MATRIX | : AQUEOUS |
| CLIENT | : SPARTON TECHNOLOGY, INC. | DATE EXTRACTED | : NA |
| PROJECT # | : 040694 | DATE ANALYZED | : 04/18/94 |
| PROJECT NAME | : 2Q94 STATE WELLS | DIL. FACTOR | : 1 |

| PARAMETER | UNITS | |
|---|---|---|
| 1,1-DICHLOROETHENE | UG/L | <0.2 |
| TRICHLOROETHENE | UG/L | <0.2 |
| SURROGATES: | | |
| BROMOCHLOROMETHANE (%) | | 94 |

Analytical Technologies, Inc.

# GAS CHROMATOGRAPHY RESULTS - QUALITY CONTROL

## REAGENT BLANK

| | | | |
|---|---|---|---|
| TEST | : EPA 8010 | ATI I.D. | : 404324 |
| BLANK I.D. | : 041994 | MATRIX | : AQUEOUS |
| CLIENT | : SPARTON TECHNOLOGY, INC. | DATE EXTRACTED | : NA |
| PROJECT # | : 040694 | DATE ANALYZED | : 04/19/94 |
| PROJECT NAME | : 2Q94 STATE WELLS | DIL. FACTOR | : 1 |

| PARAMETER | UNITS | |
|---|---|---|
| 1,1-DICHLOROETHENE | UG/L | <0.2 |
| TRICHLOROETHENE | UG/L | <0.2 |
| SURROGATES: | | |
| BROMOCHLOROMETHANE (%) | | 99 |

Analytical Technologies, Inc.

# GAS CHROMATOGRAPHY RESULTS - QUALITY CONTROL

## REAGENT BLANK

| | | | |
|---|---|---|---|
| TEST | : EPA 8010 | ATI I.D. | : 404324 |
| BLANK I.D. | : 041994 | MATRIX | : AQUEOUS |
| CLIENT | : SPARTON TECHNOLOGY, INC. | DATE EXTRACTED | : NA |
| PROJECT # | : 040694 | DATE ANALYZED | : 04/20/94 |
| PROJECT NAME | : 2Q94 STATE WELLS | DIL. FACTOR | : 1 |

| PARAMETER | UNITS | |
|---|---|---|
| 1,1-DICHLOROETHENE | UG/L | <0.2 |
| TRICHLOROETHENE | UG/L | <0.2 |
| SURROGATES: | | |
| BROMOCHLOROMETHANE (%) | | 102 |

AnalyticalTechnologies,Inc., Albuquerque, NM
San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland • Albuquerque

# CHAIN OF CUSTODY

DATE: 4-6-94 PAGE 1 OF 2

ATI LAB I.D. 404 324

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER: John M Wakefield

COMPANY: Spanton Technology Inc.
ADDRESS: 9621 Coors Rd NW
Albuquerque NM 87114
PHONE: (505) 892-5300
FAX: (505) 892-5515

BILL TO: "
COMPANY: "
ADDRESS: 4901 Rockaway Blvd. SE
Rio Rancho, NM 87124

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | MATRIX | LAB ID | Petroleum Hydrocarbons (418.1) | (MOD 8015) Gas/Diesel | Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020) | BTXE/MTBE (8020) | pH | Electrical Conductivity | Chlorinated Hydrocarbons (601/8010) TCE, 11DCE | Aromatic Hydrocarbons (602/8020) | SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg. | TOC | TOX | Pesticides/PCB (608/8080) | Herbicides (615/8150) | Base/Neutral/Acid Compounds GC/MS (625/8270) | Volatile Organics GC/MS (624/8240) | Polynuclear Aromatics (610/8310) | SDWA Primary Standards - Arizona | SDWA Secondary Standards - Arizona | SDWA Primary Standards - Federal | SDWA Secondary Standards - Federal | The 13 Priority Pollutant Metals | RCRA Metals by Total Digestion | RCRA Metals by TCLP (1311) | NUMBER OF CONTAINERS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-19 | 4-6-94 | 0900 | HCl / H2SO4 | 01 | | | | | X | X | X | | | X | X | | | | | | | | | | | | | 8 |
| MW-20 | " | 0928 | " | 02 | | | | | X | X | X | | | X | X | | | | | | | | | | | | | 8 |
| MW-14 | " | 1010 | " | 03 | | | | | X | X | X | | | X | X | | | | | | | | | | | | | 8 |
| MW-9 | " | 1138 | " | 04 | | | | | X | X | X | | | X | X | | | | | | | | | | | | | 8 |
| MW-21 | " | 1144 | " | 05 | | | | | X | X | X | | | X | X | | | | | | | | | | | | 6 | ~~8~~ |
| MW-16 | " | 1408 | " | 06 | | | | | X | X | X | | | X | X | | | | | | | | | | | | | 8 |
| ~~MW-15~~ | " | | " | | | | | | X | X | X | | | X | X | Delete Not Sampled | | | | | | | | | | | | 6 |
| MW-22 | " | 1330 | " | 07 | | | | | X | X | X | | | X | X | | | | | | | | | | | | | 8 |
| Field Blank | " | 1310 | " | 08 | | | | | X | X | X | | | X | X | | | | | | | | | | | | | 8 |

006334

| PROJECT INFORMATION | | SAMPLE RECEIPT | |
|---|---|---|---|
| PROJ. NO.: | 040694 | NO. CONTAINERS | 62 |
| PROJ. NAME: | 2Q94 State Wells | CUSTODY SEALS | Y / N / NA |
| P.O. NO.: | | RECEIVED INTACT | Y |
| SHIPPED VIA: | Delivered | RECEIVED COLD | Y |

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒ 2 WEEK

Comments:
C of C Seals on Cooler
67 Bottles

| SAMPLED & RELINQUISHED BY: 1. | RELINQUISHED BY: 2. | RELINQUISHED BY: 3. |
|---|---|---|
| Signature: [signature] Time: 1450 | Signature: [signature] Time: 1525 | Signature: Time: |
| Printed Name: John M. Wakefield Date: 4-6-94 | Printed Name: Peter H. Metzner Date: 4-6-94 | Printed Name: Date: |
| Company: STI Phone: 892-5300 | Company: Metric Corp | Company: |

| RECEIVED BY: 1. | RECEIVED BY: 2. | RECEIVED BY:(LAB) 3. |
|---|---|---|
| Signature: [signature] Time: 1450 | Signature: Time: | Signature: [signature] Time: 1525 HMR 1450 |
| Printed Name: Peter H. Metzner Date: 4-6-94 | Printed Name: Date: | Printed Name: H MITCH FUGENSTEIN Date: 4/6/94 |
| Company: Metric Corp | Company: | Analytical Technologies, Inc. |

ATI Labs: San Diego (619) 458-9141 • Phoenix (602) 496-4400 • Seattle (206) 228-8335 • Pensacola (904) 474-1001 • Portland (503) 684-0447 • Albuquerque (505) 344-3777 DISTRIBUTION: White, Canary - ATI • Pink - ORIGINATOR

AnalyticalTechnologies,Inc., Albuquerque, NM
San Diego • Phoenix • Seattle • Pensacola • Ft. Collins • Portland • Albuquerque

# CHAIN OF CUSTODY

DATE: 4-6-94 PAGE 2 OF 2

ATI LAB I.D. 404324

PLEASE FILL THIS FORM IN COMPLETELY. SHADED AREAS ARE FOR LAB USE ONLY.

PROJECT MANAGER:

COMPANY:
ADDRESS:
PHONE: Same as Page 1
FAX:
BILL TO:
COMPANY:
ADDRESS:

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | MATRIX | LAB ID | Petroleum Hydrocarbons (418.1) | (MOD 8015) Gas/Diesel | Diesel/Gasoline/BTXE/MTBE (MOD 8015/8020) | BTXE/MTBE (8020) | pH | Electrical Conductivity | Chlorinated Hydrocarbons (601/8010) | Aromatic Hydrocarbons (602/8020) | SDWA Volatiles (502.1/503.1), 502.2 Reg. & Unreg. | TOC | TOX | Pesticides/PCB (608/8080) | Herbicides (615/8150) | Base/Neutral/Acid Compounds GC/MS (625/8270) | Volatile Organics GC/MS (624/8240) | Polynuclear Aromatics (610/8310) | | | SDWA Primary Standards - Arizona | SDWA Secondary Standards - Arizona | SDWA Primary Standards - Federal | SDWA Secondary Standards - Federal | | | The 13 Priority Pollutant Metals | RCRA Metals by Total Digestion | RCRA Metals by TCLP (1311) | | NUMBER OF CONTAINERS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Trip Blank | | | ~~HCl~~ ~~$H_2SO_4$~~ | 01 | | | | | X | X | X | | | X | X | | | | | | | | | | | | | | | | | | 5 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

006335

| PROJECT INFORMATION | | SAMPLE RECEIPT | |
|---|---|---|---|
| PROJ. NO.: | | NO. CONTAINERS | 5 |
| PROJ. NAME: | Same | CUSTODY SEALS | Y / N (NA) |
| P.O. NO.: | | RECEIVED INTACT | Y |
| SHIPPED VIA: | FedEx | RECEIVED COLD | Y |

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK (NORMAL) ☒ 2 WEEK

Comments: C of C Seals on Cooler

| SAMPLED & RELINQUISHED BY: 1. | RELINQUISHED BY: 2. | RELINQUISHED BY: 3. |
|---|---|---|
| Signature: [signature] Time: | Signature: [signature] Time: 1525 | Signature: Time: |
| Printed Name: John M. Wakefield Date: 4-6-94 | Printed Name: Peter H Metzner Date: 4-6-94 | Printed Name: Date: |
| Company: STI Phone: 892-5300 | Company: METRIC Corp | Company: |

| RECEIVED BY: 1. | RECEIVED BY: 2. | RECEIVED BY:(LAB) 3. |
|---|---|---|
| Signature: [signature] Time: 1450 | Signature: Time: | Signature: [signature] Time: 1525 |
| Printed Name: Peter H Metzner Date: 4-6-94 | Printed Name: Date: | Printed Name: [signature] Date: 4/6/94 |
| Company: METRIC Corp | Company: | Analytical Technologies, Inc. |

ATI Labs: San Diego (619) 458-9141 • Phoenix (602) 496-4400 • Seattle (206) 228-8335 • Pensacola (904) 474-1001 • Portland (503) 684-0447 • Albuquerque (505) 344-3777 DISTRIBUTION: White, Canary - ATI • Pink - ORIGINATOR

AnalyticalTechnologies,Inc. Albuquerque, NM

# Chain of Custody 94-04-036

DATE 4/6/94 PAGE 1 OF 1

NETWORK PROJECT MANAGER: BETH PROFFITT

COMPANY: **Analytical Technologies, Inc.**

ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

CLIENT PROJECT MANAGER:

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | MATRIX | LAB ID | TOX | TOC | ORGANIC LEAD | SULFIDE | SURFACTANTS (MBAS) | 632/632 MOD | 619/619 MOD | 610/8310 | 8240 (TCLP 1311) ZHE | Diesel/Gasoline/BTXE/MTBE/ (MOD 8015/8020) | Volatile Organics GC/MS (624/8240) | NACE | ASBESTOS | BOD | TOTAL COLIFORM | FECAL COLIFORM | GROSS ALPHA/BETA | RADIUM 226/228 | AIR - O2, CO2, METHANE | AIR/Diesel/Gasoline/BTXE/ (MOD 8015/8020) | NUMBER OF CONTAINERS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 404324-01 | 4/6/94 | 0900 | Aq | 01 | X | X | | | | | | | | | | | | | | | | | | | 4 |
| -02 | | 0928 | | 02 | X | X | | | | | | | | | | | | | | | | | | | 4 |
| -03 | | 1010 | | 03 | X | X | | | | | | | | | | | | | | | | | | | 4 |
| -04 | | 1138 | | 04 | X | X | | | | | | | | | | | | | | | | | | | 4 |
| -05 | | 1144 | | 05 | X | X | | | | | | | | | | | | | | | | | | | 2 |
| -06 | | 1408 | | 06 | X | X | | | | | | | | | | | | | | | | | | | 4 |
| -07 | | 1330 | | 07 | X | X | | | | | | | | | | | | | | | | | | | 4 |
| -08 | | 1310 | | 08 | X | X | | | | | | | | | | | | | | | | | | | 4 |
| -09 | | — | | 09 | X | X | | | | | | | | | | | | | | | | | | | 2 |

006336

| PROJECT INFORMATION | |
|---|---|
| PROJECT NUMBER: | 404324 |
| PROJECT NAME: | SPARTON |
| QC LEVEL: | STD. IV |
| QC REQUIRED: | MS MSD BLANK |
| TAT: | STANDARD RUSHI |

| SAMPLE RECEIPT | |
|---|---|
| TOTAL NUMBER OF CONTAINERS | 32 |
| CHAIN OF CUSTODY SEALS | N |
| INTACT? | N |
| RECEIVED GOOD COND./COLD | Y |
| LAB NUMBER | 94-04-036 |

DUE DATE: 4/20

RUSH SURCHARGE: —

CLIENT DISCOUNT: 10 %

COC#KK643

| SAMPLES SENT TO: | |
|---|---|
| SAN DIEGO | |
| FT. COLLINS | X |
| RENTON | |
| PENSACOLA | |
| | |
| PHOENIX | |
| BARRINGER | |
| FIBERQUANT | |

| RELINQUISHED BY: 1. | RELINQUISHED BY: 2. |
|---|---|
| Signature: Time: 17:00 | Signature: Time: |
| Printed Name: Date 4/6/94 | Printed Name: Date |
| Analytical Technologies, Inc. Albuquerque | Company: Anderson |
| **RECEIVED BY: (LAB) 1.** | **RECEIVED BY: (LAB) 2.** |
| Signature: Time: | Signature: Time: 1040 |
| Printed Name: Date: | Printed Name: John Whalen Date: 4/7/94 |
| Company: Anderson | Company: ATI |

AnalyticalTechnologies,Inc. Albuquerque, NM

# Chain of Custody

DATE 4/6/94 PAGE 1 OF 1

NETWORK PROJECT MANAGER: BETH PROFFITT

COMPANY: **Analytical Technologies, Inc.**

ADDRESS: 2709-D Pan American Freeway, NE
Albuquerque, NM 87107

CLIENT PROJECT MANAGER:

ANALYSIS REQUEST

| SAMPLE ID | DATE | TIME | MATRIX | LAB ID | TOX | TOC | ORGANIC LEAD | SULFIDE | SURFACTANTS (MBAS) | EC | 632/632 MOD | 619/619 MOD | 610/8310 | | | 8240 (TCLP 1311) ZHE | | Diesel/Gasoline/BTXE/MTBE/ (MOD 8015/8020) | Volatile Organics GC/MS (624/8240) | | NACE | ASBESTOS | | BOD | TOTAL COLIFORM | FECAL COLIFORM | | GROSS ALPHA/BETA | RADIUM 226/228 | | AIR - O2, CO2, METHANE | AIR/Diesel/Gasoline/BTXE/ (MOD 8015/8020) | NUMBER OF CONTAINERS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 404324-01 | 4/6 | 0900 | AQ | 1 | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| -02 | | 0928 | | 2 | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| -03 | | 1010 | | 3 | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| -04 | | 1138 | | 4 | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| -05 | | 1144 | | 5 | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| -06 | | 1408 | | 6 | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 07 | | 1330 | | 7 | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| -08 | | 1310 | | 8 | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | 1 |
| -09 | | — | | 9 | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | 1 |

006337

| PROJECT INFORMATION | |
|---|---|
| PROJECT NUMBER: | 404324 |
| PROJECT NAME: | SPARTON |
| QC LEVEL: | STD. IV |
| QC REQUIRED: | MS MSD BLANK |
| TAT: | STANDARD RUSH! |

| SAMPLE RECEIPT | |
|---|---|
| TOTAL NUMBER OF CONTAINERS | 9 |
| CHAIN OF CUSTODY SEALS | N |
| INTACT? | Y |
| RECEIVED GOOD COND./COLD | Y |
| LAB NUMBER | 404324 Y |

DUE DATE: 4/20

RUSH SURCHARGE: —

CLIENT DISCOUNT: 10 %

COOH LK644

| SAMPLES SENT TO: | |
|---|---|
| SAN DIEGO | |
| FT. COLLINS | |
| RENTON | |
| PENSACOLA | |
| | |
| PHOENIX | X |
| BARRINGER | |
| FIBERQUANT | |

| RELINQUISHED BY: 1. | RELINQUISHED BY: 2. |
|---|---|
| Signature: [signature] Time: 1700 | Signature: Time: |
| Printed Name: [signature] Date 4/6 | Printed Name: Date |
| Analytical Technologies, Inc. Albuquerque | Company: |
| **RECEIVED BY: (LAB) 1.** | **RECEIVED BY: (LAB) 2.** |
| Signature: Time: | Signature: [signature] Time: 925 |
| Printed Name: Date: | Printed Name: [signature] Date: |
| Company: | Company: ATI 4/7/94 |

ATI Labs: San Diego (619) 458-9141 • Phoenix (602) 496-4400 • Seattle (206) 228-8335 • Pensacola (904) 474-1001 • Portland (503) 684-0447 • Albuquerque (505) 344-3777 DISTRIBUTION: White, Canary - ATI • Pink - ORIGINATOR

Analytical Technologies, Inc.

ACCESSION #: 404324

| PARAMETER | METHOD | DETECTION LIMITS | DATE ANALYZED | ANALYST |
|---|---|---|---|---|
| pH | 150.1 | UNITS | 04/07/94 | C. Froehlich |
| TOC | 415.2 | <1.0 mg/L | 04/11/94 | S. Hall |
| TOX | 9020M | <20 ug/L | 04/19/94 | S. Hall |
| Electrical Conductivity | 120.1 | UNITS | 04/07/94 | N. Alford |

Reference(s): Methods for Chemical Analysis of Water and Wastes, March, 1983 EPA-600 4-79-020.

Analytical Technologies, Inc.

ACCESSION NUMBER: 404324

DETECTION LIMITS FOR 8010/8020 - AQUEOUS
1X DILUTION

| PARAMETER | UNITS | |
|---|---|---|
| BENZENE | UG/L | 0.5 |
| BROMODICHLOROMETHANE | UG/L | 0.2 |
| BROMOFORM | UG/L | 0.5 |
| BROMOMETHANE | UG/L | 0.5 |
| CARBON TETRACHLORIDE | UG/L | 0.2 |
| CHLOROBENZENE | UG/L | 0.5 |
| CHLOROETHANE | UG/L | 0.2 |
| CHLOROFORM | UG/L | 0.2 |
| CHLOROMETHANE | UG/L | 0.5 |
| DIBROMOCHLOROMETHANE | UG/L | 0.2 |
| 1,2-DIBROMOETHANE (EDB) | UG/L | 0.5 |
| 1,2-DICHLOROBENZENE | UG/L | 0.5 |
| 1,3-DICHLOROBENZENE | UG/L | 0.5 |
| 1,4-DICHLOROBENZENE | UG/L | 0.5 |
| 1,1-DICHLOROETHANE | UG/L | 0.2 |
| 1,2-DICHLOROETHANE (EDC) | UG/L | 0.2 |
| 1,1-DICHLOROETHENE | UG/L | 0.2 |
| CIS-1,2-DICHLOROETHENE | UG/L | 0.2 |
| TRANS-1,2-DICHLOROETHENE | UG/L | 0.2 |
| 1,2-DICHLOROPROPANE | UG/L | 0.2 |
| CIS-1,3-DICHLOROPROPENE | UG/L | 0.5 |
| TRANS-1,3-DICHLOROPROPENE | UG/L | 0.2 |
| ETHYLBENZENE | UG/L | 0.5 |
| METHYLENE CHLORIDE | UG/L | 2.0 |
| 1,1,2,2-TETRACHLOROETHANE | UG/L | 0.2 |
| TETRACHLOROETHENE | UG/L | 0.2 |
| TOLUENE | UG/L | 0.5 |
| 1,1,1-TRICHLOROETHANE | UG/L | 0.2 |
| 1,1,2-TRICHLOROETHANE | UG/L | 0.2 |
| TRICHLOROETHENE | UG/L | 0.2 |
| TRICHLOROFLUOROMETHANE | UG/L | 0.2 |
| VINYL CHLORIDE | UG/L | 0.5 |
| TOTAL XYLENES | UG/L | 0.5 |

Analytical Technologies, Inc.

ACCESSION NUMBER: 404324

DETECTION LIMITS FOR 8010/8020 - AQUEOUS
2X DILUTION

| PARAMETER | UNITS | |
|---|---|---|
| BENZENE | UG/L | 1.0 |
| BROMODICHLOROMETHANE | UG/L | 0.4 |
| BROMOFORM | UG/L | 1.0 |
| BROMOMETHANE | UG/L | 1.0 |
| CARBON TETRACHLORIDE | UG/L | 0.4 |
| CHLOROBENZENE | UG/L | 1.0 |
| CHLOROETHANE | UG/L | 0.4 |
| CHLOROFORM | UG/L | 0.4 |
| CHLOROMETHANE | UG/L | 1.0 |
| DIBROMOCHLOROMETHANE | UG/L | 0.4 |
| 1,2-DIBROMOETHANE (EDB) | UG/L | 1.0 |
| 1,2-DICHLOROBENZENE | UG/L | 1.0 |
| 1,3-DICHLOROBENZENE | UG/L | 1.0 |
| 1,4-DICHLOROBENZENE | UG/L | 1.0 |
| 1,1-DICHLOROETHANE | UG/L | 0.4 |
| 1,2-DICHLOROETHANE (EDC) | UG/L | 0.4 |
| 1,1-DICHLOROETHENE | UG/L | 0.4 |
| CIS-1,2-DICHLOROETHENE | UG/L | 0.4 |
| TRANS-1,2-DICHLOROETHENE | UG/L | 0.4 |
| 1,2-DICHLOROPROPANE | UG/L | 0.4 |
| CIS-1,3-DICHLOROPROPENE | UG/L | 1.0 |
| TRANS-1,3-DICHLOROPROPENE | UG/L | 0.4 |
| ETHYLBENZENE | UG/L | 1.0 |
| METHYLENE CHLORIDE | UG/L | 4.0 |
| 1,1,2,2-TETRACHLOROETHANE | UG/L | 0.4 |
| TETRACHLOROETHENE | UG/L | 0.4 |
| TOLUENE | UG/L | 1.0 |
| 1,1,1-TRICHLOROETHANE | UG/L | 0.4 |
| 1,1,2-TRICHLOROETHANE | UG/L | 0.4 |
| TRICHLOROETHENE | UG/L | 0.4 |
| TRICHLOROFLUOROMETHANE | UG/L | 0.4 |
| VINYL CHLORIDE | UG/L | 1.0 |
| TOTAL XYLENES | UG/L | 1.0 |

Analytical Technologies, Inc.

ACCESSION NUMBER: 404324

DETECTION LIMITS FOR 8010/8020 - AQUEOUS
10X DILUTION

| PARAMETER | UNITS | |
|---|---|---|
| BENZENE | UG/L | 5.0 |
| BROMODICHLOROMETHANE | UG/L | 2.0 |
| BROMOFORM | UG/L | 5.0 |
| BROMOMETHANE | UG/L | 5.0 |
| CARBON TETRACHLORIDE | UG/L | 2.0 |
| CHLOROBENZENE | UG/L | 5.0 |
| CHLOROETHANE | UG/L | 2.0 |
| CHLOROFORM | UG/L | 2.0 |
| CHLOROMETHANE | UG/L | 5.0 |
| DIBROMOCHLOROMETHANE | UG/L | 2.0 |
| 1,2-DIBROMOETHANE (EDB) | UG/L | 5.0 |
| 1,2-DICHLOROBENZENE | UG/L | 5.0 |
| 1,3-DICHLOROBENZENE | UG/L | 5.0 |
| 1,4-DICHLOROBENZENE | UG/L | 5.0 |
| 1,1-DICHLOROETHANE | UG/L | 2.0 |
| 1,2-DICHLOROETHANE (EDC) | UG/L | 2.0 |
| 1,1-DICHLOROETHENE | UG/L | 2.0 |
| CIS-1,2-DICHLOROETHENE | UG/L | 2.0 |
| TRANS-1,2-DICHLOROETHENE | UG/L | 2.0 |
| 1,2-DICHLOROPROPANE | UG/L | 2.0 |
| CIS-1,3-DICHLOROPROPENE | UG/L | 5.0 |
| TRANS-1,3-DICHLOROPROPENE | UG/L | 2.0 |
| ETHYLBENZENE | UG/L | 5.0 |
| METHYLENE CHLORIDE | UG/L | 20 |
| 1,1,2,2-TETRACHLOROETHANE | UG/L | 2.0 |
| TETRACHLOROETHENE | UG/L | 2.0 |
| TOLUENE | UG/L | 5.0 |
| 1,1,1-TRICHLOROETHANE | UG/L | 2.0 |
| 1,1,2-TRICHLOROETHANE | UG/L | 2.0 |
| TRICHLOROETHENE | UG/L | 2.0 |
| TRICHLOROFLUOROMETHANE | UG/L | 2.0 |
| VINYL CHLORIDE | UG/L | 5.0 |
| TOTAL XYLENES | UG/L | 5.0 |

Analytical Technologies, Inc.

ACCESSION NUMBER: 404324

DETECTION LIMITS FOR 8010/8020 - AQUEOUS
25X DILUTION

| PARAMETER | UNITS | |
|---|---|---|
| BENZENE | UG/L | 12 |
| BROMODICHLOROMETHANE | UG/L | 5.0 |
| BROMOFORM | UG/L | 12 |
| BROMOMETHANE | UG/L | 12 |
| CARBON TETRACHLORIDE | UG/L | 5.0 |
| CHLOROBENZENE | UG/L | 12 |
| CHLOROETHANE | UG/L | 5.0 |
| CHLOROFORM | UG/L | 5.0 |
| CHLOROMETHANE | UG/L | 12 |
| DIBROMOCHLOROMETHANE | UG/L | 5.0 |
| 1,2-DIBROMOETHANE (EDB) | UG/L | 12 |
| 1,2-DICHLOROBENZENE | UG/L | 12 |
| 1,3-DICHLOROBENZENE | UG/L | 12 |
| 1,4-DICHLOROBENZENE | UG/L | 12 |
| 1,1-DICHLOROETHANE | UG/L | 5.0 |
| 1,2-DICHLOROETHANE (EDC) | UG/L | 5.0 |
| 1,1-DICHLOROETHENE | UG/L | 5.0 |
| CIS-1,2-DICHLOROETHENE | UG/L | 5.0 |
| TRANS-1,2-DICHLOROETHENE | UG/L | 5.0 |
| 1,2-DICHLOROPROPANE | UG/L | 5.0 |
| CIS-1,3-DICHLOROPROPENE | UG/L | 12 |
| TRANS-1,3-DICHLOROPROPENE | UG/L | 5.0 |
| ETHYLBENZENE | UG/L | 12 |
| METHYLENE CHLORIDE | UG/L | 50 |
| 1,1,2,2-TETRACHLOROETHANE | UG/L | 5.0 |
| TETRACHLOROETHENE | UG/L | 5.0 |
| TOLUENE | UG/L | 12 |
| 1,1,1-TRICHLOROETHANE | UG/L | 5.0 |
| 1,1,2-TRICHLOROETHANE | UG/L | 5.0 |
| TRICHLOROETHENE | UG/L | 5.0 |
| TRICHLOROFLUOROMETHANE | UG/L | 5.0 |
| VINYL CHLORIDE | UG/L | 12 |
| TOTAL XYLENES | UG/L | 12 |

Analytical Technologies, Inc.

ACCESSION NUMBER: 404324

DETECTION LIMITS FOR 8010/8020 - AQUEOUS
500X DILUTION

| PARAMETER | UNITS | |
|---|---|---|
| BENZENE | UG/L | 250 |
| BROMODICHLOROMETHANE | UG/L | 100 |
| BROMOFORM | UG/L | 250 |
| BROMOMETHANE | UG/L | 250 |
| CARBON TETRACHLORIDE | UG/L | 100 |
| CHLOROBENZENE | UG/L | 250 |
| CHLOROETHANE | UG/L | 100 |
| CHLOROFORM | UG/L | 100 |
| CHLOROMETHANE | UG/L | 250 |
| DIBROMOCHLOROMETHANE | UG/L | 100 |
| 1,2-DIBROMOETHANE (EDB) | UG/L | 250 |
| 1,2-DICHLOROBENZENE | UG/L | 250 |
| 1,3-DICHLOROBENZENE | UG/L | 250 |
| 1,4-DICHLOROBENZENE | UG/L | 250 |
| 1,1-DICHLOROETHANE | UG/L | 100 |
| 1,2-DICHLOROETHANE (EDC) | UG/L | 100 |
| 1,1-DICHLOROETHENE | UG/L | 100 |
| CIS-1,2-DICHLOROETHENE | UG/L | 100 |
| TRANS-1,2-DICHLOROETHENE | UG/L | 100 |
| 1,2-DICHLOROPROPANE | UG/L | 100 |
| CIS-1,3-DICHLOROPROPENE | UG/L | 250 |
| TRANS-1,3-DICHLOROPROPENE | UG/L | 100 |
| ETHYLBENZENE | UG/L | 250 |
| METHYLENE CHLORIDE | UG/L | 1000 |
| 1,1,2,2-TETRACHLOROETHANE | UG/L | 100 |
| TETRACHLOROETHENE | UG/L | 100 |
| TOLUENE | UG/L | 250 |
| 1,1,1-TRICHLOROETHANE | UG/L | 100 |
| 1,1,2-TRICHLOROETHANE | UG/L | 100 |
| TRICHLOROETHENE | UG/L | 100 |
| TRICHLOROFLUOROMETHANE | UG/L | 100 |
| VINYL CHLORIDE | UG/L | 250 |
| TOTAL XYLENES | UG/L | 250 |