# APPENDIX D

Field Water Quality Data Sheets

1986-1987 Data, Round 4

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K26 | 8-18-86 1000 | 166.2 | 7800 | 15,800 | 19 | 4 | 2.6 | ~~hi~~ Lo | PH | | Kenn | clR Hot |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: [illegible] D L Mikich

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ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K10 | | | | | | | | | | PROD. WELL | | |

Pump Removed – Not able to sample for Round IV

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

11-11-86 Not Sampled

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weathe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K70 | 10:20 10/21/86 | 2' ? | 1450 | 1425 | 14 | 3+ | 5.9 | 0 | 2.3 | Pump went down 115' water in at ground level | | cldy cool |

Appears well may have sloughed in at 115'

Check Samples Collected

Ref. No.

Container and Preservative

| | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Mikich K.B

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 5-1-87 | 2.78' | 1250 | 1300 | 15° | 2 | 7.36 | 0 | 2.1 | |

ph meter I.D. number FISHER 850

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 16300

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address |
|---|---|---|---|---|---|---|---|---|---|---|---|
| K72 | 9:30 am 7-2-86 | 181.9' | 1940 | 1875 | 15 | 3 | 7.1 | — | 2.6 | water rusty at start clear on final sample | |
| | 5-7-87 | 183.75' | 1900 | 2000 | 14 | — | 7.27 | 0 | 2.0 | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: KMS, JTC

Sample #1

Sample 3/yr.

ph meter I.D. number Fisher

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hatch

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Wea |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K84 | 26 JUN 86 8:50 AM Finished 9:20 AM | 24.6 ft | 20,000+ | 20,000+ | 16°C | 3 | 3.1 | 0 | 0 | clear - ≥ 9 gpm | Kcc | wa cle Slig Bre |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Roh / JOH

Sample #2

ph meter I.D. number _____

Conductivity meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address |
|---|---|---|---|---|---|---|---|---|---|---|---|
| K84 | 9-25-86 0915 | 36.9 | 20,000+ | 20,000+ | 16 | 3+ | 3.4 | — | — | | Kcc |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: [signature]
DL Mikich

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Wea |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K100 | 9-25-86 1050 | 36.1 | 20,000+ | 20,000+ | 16 | 3+ | 3.3 | — | — | | KCG | ok cldy |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOK

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ Unfiltered: _____
Sampler's Name: [signature]

D L Milnish

ph meter I.D. number_____

Conductivity meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weath |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K105 | 9-29-86 1330 | 206.5 | 609 | 650 | 15 | 3+ | 7.3 | — | 2.3 | | | |
| | 4-27-87 | 212.5 | 550 | 575 | 14 | 1 | 7.33 | 0 | 1.5 | | | |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ___ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ___ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ___ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ___ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ___ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ___ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: (Unfiltered: _____
Sampler's Name: [illegible]

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K-106 | 8-15-86 0815 | 361.1 | 4600 | 4600 | 16 | 3 | 7.3 | 0 | 3.3 | | | CLR MILD |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: [signature]
D F Mibich

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K109 | 25MAR86 | PRODUCTION WELL | | 860 | 18°C | | 7.1 | 0 | 2.1 | | KCC | WAR Sligh Brea |
| | 2 Apr 86 | | | 1600 | 13° | | 7.23 | | | 1, 2, 3, 8, 9 | Jeff, DLM | Snow |
| | 17 SEP 86 | | | 1720 | 16° | | 6.9 | 0 | 1.9 | | DLM | WAR |
| | 4-8-87 | | | 1710 | 16° | | 7.5 | 0 | 2.0 | | | |

Check Samples Collected

Ref. No.

Container and Preservative

1. X 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. X 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. X 2 liters, unfiltered, cool 4°C, plastic container
4. ___ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ___ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ___ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ___ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. ___ 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. X 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ___ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ___ /Unfiltered: ___
Sampler's Name: Rob / DLM

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K120 | 9/25/86 1015 | 43.0 | 20,000+ | 20,000+ | 17 | 3+ | 3.4 | — | — | | Kec | c/s Col |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: [signature]

D L Mikich

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K201 | 8:20 10/16/86 | 109.2 | 1350 | 1260 | 12 | 3+ | 6.6 | 0 | 2.7 | | | cool clear |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Mikich

R. B.

Sheet 1 of 3

To Be Sampled 3/year

Sample 1

ph meter I.D. number orion 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number hatch 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K349 | 4/24/86 8 45 | — | — | 1950 | 13° | — | 7.2 | 0 | 4.1 | | | cloud |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: RMS, ROH

Sample 2

Sheet 2 of 2

ph meter I.D. number 1

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K349 | 11:00 10/20/86 | TAP | | 1800 | 14 | | 6.3 | | | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Mihich

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P190A | 8-28-86 1430 | 212.3 / | 1220 | 2500 | 15 | 3+ | | — | 3.9 | $H_2O$ muddy ~8 min Well CASING BROKEN OFF @ GROUND level | KCC | cldy Warm |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: [signature]
D L Mitchell

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P190B | 8-29-86 0825 | 209.8 | 1030 | 1230 | 15 | 3+ | 7.6 | 0 | 2.4 | | KCC | CLDY COOL |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: D L Mikiel

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P191A | 8-8-86 1200 | 263.5 | 1200 | 1850 | 27 | 3+ | 7.5 | | | $H_2O$ clr | | Hot clay |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered:
Sampler's Name: COON MIKICH

ph meter I.D. number_____

Conductivity meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P191B | 8-8-86 1250 | 276.6 | 4000 | 1350 | 24 | . | 7.7 | | | $H_2O$ very sandy | KC | clr Hot |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON / MIKICH

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P192A | 9-22-86 1240 | 168.0 | 1710 | 2300 | 16 | 3+ | 7.3 | 0 | 2.4 | 3-4 min Rusty $H_2O$ initially | KCC | Sunny Cool |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered: _____
Sampler's Name: [signature]
D L Mitrich

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P192B | 9-22-86 1050 | 167.5 | 500 | 610 | 15° | 3+ | 7.7 | 0 | 1.8 | clear $H_2O$ | Kern. | clear warm |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered: _____
Sampler's Name: [illegible] DL Mikrich

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P193A | 9-22-86 1340 | 180.5 | 720 | 1020 | 16 | 3+ | 7.4 | 0 | 1.6 | $H_2O$ c/l | KCC | 4/12 WAR. |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ Unfiltered: _____
Sampler's Name: [signature]
D L Mikisch

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P193B | 9-23-86 1120 | 180.5 | 520 | 620 | 17 | 3+ | 7.8 | — | 1.8 | Very C/R H2O | KCC | Clay Windy Warm |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ Unfiltered: _____
Sampler's Name: [signature]
DL Mikich

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P194A | 9-8-86 1120 | 154.8 | 2900 | 660 | 17 | 3+ | 7.6 | — | 2.4 | Very clr H2O | KCC | Wind cld War |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ Unfiltered: _____
Sampler's Name: [signature]

D L Mikich

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P19+B | 9-8-86 1205 | 1530 | 460 | 460 | 17° | 3+ | 7.7 | — | 210 | $H_2O$ Very clear | KEC | Windy Warm clr |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: [signature]
D L Mitish

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P196A | 8-5-86 1240 | 285.3 | 3000 | 2300 | 18 | 3+ | 6.7 | 0 | 1.9 | $H_2O$ very rusty ~10min | | Hot Dry |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Coon / M. Kieft

395

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P197A | 8-4-86 1215 | 306.6 | 1650 | 1720 | 21 | 3+ | 7.1 | 0 | 2.0 | | KC | clr 40+ |

| Check Samples Collected Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: MICK/COON

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weathe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P197B | 8-4-86 1000 | 307.8 | 3850 | 1180 | 23 | 3+ | 7.2 | 0 | 1.9 | | KC | C/R Hot |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON / MIKICH

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P198 | 7-17-86 1220 | 104.4 | 1000 | 800 | 17 | 3+ | 8.1 | 0 | 1.8 | PUMP @ 275' | KC | WARM CLEA |

— Now Grouted —

| Check Samples Collected | | | Container and Preservative |
|---|---|---|---|
| Ref. No. | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON / MIKISH

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P199 | 8-8-86 0915 | 98.8 | 1080 | 2800 | 27 | 3+ | 6.9 | 0 | 5.6 | | KC | cldy Hot |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON MIKICH

ph meter I.D. number Fisher

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P202C | 27JUN86 10:00AM FINISHED: 1:40PM | ~297 FT. | 17,100 | 20,000+ | 17C | ~3.8 | * | 0 | 0 | clear ~2½ g.p.m | KCC | WARM clear Slight Breez |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ____ /Unfiltered: ____
Sampler's Name: Koh / JOH

* OUR PH meter showed 6.5, but Litmus paper showed 3-4 RANGE.

Fixed meter. pH = 3.8

Buried

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P207A | | | | | | | | | | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P208A | 9-29-86 1030 | 245 | 2700 | 650 | 15 | 3+ | 7.3 | ← | 1.8 | UNABLE To Get m-scope To $H_2O$. However pump went To hole bottom | KCC | cold windy cldy |
| | 4-27-87 | 233.2' | 2500 | 3500 | 14° | 5 | 6.78 | 0 | 2.2 | | | |
| | | | | | | | | RC | GM | | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: Unfiltered: _____
Sampler's Name: [signature]
D L Mikich

ph meter I.D. number Fisher 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P208B | 11:50 AM 4-27-87 | 224.24' | 3540 | 4000 | 14° | 5 | 6.87 | 0 | 3-7 | | | Clear |

NO #9

**Check Samples Collected**

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC, GM

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P209B | 8-6-86 0745 | 315.6 | 3200 | 4000 | 16 | 3+ | 7.5 | 0 | 2.5 | | KC | clr Hot |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON/MIKICH

435

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P210B | 9-23-86 1320 | 140.9 | 750 | 720 | 16 | | 7.9 | — | 1.8 | Well shallower than spec sheet ~(190') | KCC | cldy wnd war |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: Unfiltered:
Sampler's Name: [signature]
D L Mabitch

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P211A | 26MAR86 8:50 AM | 138.5 | 2650 | 2750 | 15°C | 3 | 7.4 | 0 | 3.6 | Clear | KCC | Cool clear wind. |
| | Finished 10:35AM | | | | | | | | | Pumped AT ≥5gpm | | |
| | 5-7-87 | 139.08 | 2500 | 2700 | 15°C | — | 7.42 | 0 | 3.1 RC, GM | | | |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ____ /Unfiltered: ____
Sampler's Name: RGH, DLM

WAS ALSO sampled by STATE + County

ph meter I.D. number ORION 211

Conductivity meter I.D. number HATCH - 16300-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P211B | 26MAR86 10:50AM Finished 12:30PM | 137.5 | 550 | 505 | 18°C | 3 | 7.46 | 0 | 1.8 | slight sandy color ≥5gpm | KCC | WARM "NICE slight WIND |
| | 5-8-87 | 138.10' | 775 | 575 | 15°C | — | 7.73 | 0 | 1.7 | RC/GM | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Rob / DLM

STATE + County ALSO sampled.

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P212A | 27MAR86 STARTED 11:15AM FINISHED 11:50AM | 89.25 | 950 | 900 | 18°C | 3 | 7.4 | 0 | 1.8 | Clear ≥7 GPM | KCC | WAR. CNICE Sligh Bree |
| | 5-8-87 | 91.70' | 910 | 940 | 15°C | - | 7.44 | 0 | 1.8 | RC/GM | | |

**Check Samples Collected**

**Container and Preservative**

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Roh/DLM

STATE ALSO SAMPLED

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P212B | 27MAR86 STARTED 9:00AM FINISHED 11:00AM | 89.1 ft. | 870 | 850 | 19°C | 4 | 7.4 | 0 | 1.9 | clear ≥7gpm | KCC | NICE (60°F slight Breez |
| | 5-5-87 | 91.46 | 940 | 790 | 15°C | — | 7.54 | 0 | 1.6 | | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Roh / DLM

STATE ALSO sampled

ph meter I.D. number Fisher

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P213B | 26JUN86 10:05 AM | 235.9 ft | 6800 | 6500 | 18°C | 3 | 3.5 | 0 | 0 | SANDY color ~5 gpm | KCC | warm clear Slight Breez |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Roh / JOH

ph meter I.D. number Fisher

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P213C | 26JUN86 10:45AM 11:55AM | 238.0 ft | 5700 | 5800 | 17°C | 3 | 3.6 | 0 | 0 | clear ~4gpm | KCC | WARM clear |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ___ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ___ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ___ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ___ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ___ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ___ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ___ /Unfiltered: ___
Sampler's Name: RGL/JOH

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P214A | 10-6-86 1145 | 32.3 | 2700 | 2400 | 15 | 2+ | 7.6 | — | 2.4 | Pump Problems | KCC | FAIR WARM |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Leon M. Kish

ph meter I.D. number_____

Conductivity meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weathe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P214B | | | | | | | | | | Pipe has been run over & broken | | |

Not Sampled!

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number Fisher

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P220 | 26JUN86 12:50 PM. 1:30 P.M. | 12.5FT | 3400 | 3000 | 15C | 3 | 7.0 | 0 | 5 | ~ 89.P.M. clear | KCC | WARM clear |
| | 4-30 87 | 23.15' | 2250 | 2100 | 14°C | | 7.24 | 0 | 3.5 | RC/GM | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Koh/JOH

ph meter I.D. number FISHER 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P225 | 8:50 am | 9' | 1390 | 1325 | 18 | 3 | 6.9 | — | 2.2 | clear at start cloudy at the end | | clear hot |
| | 7-3-86 | | | | | | | | | | | |
| | 5-28-87 | 14.66 | 925 | 1340 | 13 | — | 7.1 | 0 | 2.1 | | | |
| | | | | | | | | | RC/GM | | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: KMS, JTC

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P228 | 10-6-86 | 30.2 | 4210 | 7000 | 14 | 3+ | 7.0 | — | 3.1 | Well Recovery very slow | KCC | Clr warm |
| | 5-4-87 | 20.18 | 1250 | 8200 | 13° | 5 | 6.11 | 0 | 2.3 | | | |

Revis/Guy

Check Samples Collected

Container and Preservative

Ref. No.

1. X 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. X 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. X 2 liters, unfiltered, cool 4°C, plastic container
4. ____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. ____ 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. ____ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Coon Mikroff

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P231 | 27MAR86 | 13.4FT | 4500 | 4750 | 16°C | 5 | 6.7 | 0 | 2.3 | Clear | KCC | NICE WAR clea |
| | STARTED 12:35PM FINISHED 2:35PM | well depth EST. ~100 FT | | | | | | | | ≥7.5gpm | | |
| | 4-29-87 | 17.5' | 4250 | 4500 | 13°C | 5 | 5.69 | 0 | 1.5 | RC/GM | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Rob/DLM

STATE ALSO Sampled

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P234 | | | | | | | | | | | | |

grouted

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

Conductivity meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P239 | 10-8-86 0830 | 68.3 | 4600 | 4500 | 12 | 2+ | 7.1 | — | 6.8 | Well Recovery extremely slow | Kee | c/R warm |
| | 4-30-87 | 6.95 | 4250 | 4600 | 15° | — | 6.54 | 0 | 6.5 RC, GM | | | |

*Replaces K67R

Check Samples Collected

Container and Preservative

Ref. No.

1. X — 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. X — 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. X — 2 liters, unfiltered, cool 4°C, plastic container
4. ____ — 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ____ — 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ____ — 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ____ — 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. ____ — 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. X — 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ____ — 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Coon Mirich

Sheet 1 of 3

Sample 3/yr.

Sample #1

ph meter I.D. number Fisher 805 MP

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH ~~[illegible]~~ 18300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P240A | 29 MAY 86 9:30AM TO 11:30AM | 102.2 | 3010 | 2500 | 23°C | 4+ | 6.8 | 0 | 3.7 | Pumped dry IN ~4 MIN. at ~5 gpm THEN pumped at ~1/2 gpm | KCC | MIL NI |

*Replaces P198A

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Poh/KMS

Sheet 2 of 3

Sample 2

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P240A | 7/17/86 1100 | 101.9 | 11,400 | 3400 | 19 | 3+ | 7.3 | 0 | 3.7 | | KCC | C/E WA |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON/MIKICH

Sheet 3 of 3

Sample 3

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weath |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P240A | 9-5-86 | | 3500 | 3200 | 18 | 3+ | 7.4 | 0 | 3.8 | | Kcc | WAR ELK |
| | 1330 | | | | | | | | | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: [signature] D L Mikich

Sheet 1 of 3

Sample 3/yr.

Sample #1

ph meter I.D. number Fisher 805MP

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hatch 18300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P240B | 29MAY86 1:30PM | 89.6ft | 730 | 740 | 20° | 3 | 7.4 | 0 | 2.1 | ≥4 gpm pumped clear for ~1/2 hr, then Real sandy | KCC | Warm Slight Breeze |

*Replaces P198B

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: KMS/Roh

SHEET 2 of 3

sample 2

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P240B | 7-18-86 1300 | 93.5 | 780 | 770 | 21 | 3 | 7.8 | 0 | 1.9 | | KCC | CLEAR |

| Check Samples Collected | Ref. No. | Container and Preservative | Parameters For Analysis: |
|---|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container | 1. For Total Metals |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container | 2. For Dissolved Metals |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container | 3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container | 4. For Nitrate |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid | 5. For Herbicides |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid | 6. For Pesticides |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid | 7. For Phenolics |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) | 8. For Coliform |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle | 9. For Radionuclides |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid | 10. For TOX |

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: CDON / MIKICH

Sample 3

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P240B | 9-5-86 1215 | 96.8 | 900 ~~umhos~~ | 800 ~~umhos~~ | 17 | | 7.6 | 0 | 2.5 | | KCC | WARM CLR |
| | 4-20-87 | 82.33 | 700 | 700 | 13 | | 7.62 | 0 | 1.7 | | | |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Ed Mikich
COON

Sheet 1 of 3

Sample 3/up.

Sample #1

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P241A | 8/28/86 1315 | 271.5 | 4450 | 4700 | 14 | 3+ | 7.2 | ~ | 2.4 | ORIGINAL $H_2O$ Muddy CLEARED UP AFTER ~15 MIN | KCC | CLI WA |
| | 4-21-87 | 277.25 | 6000 | 6500 | 14 | 5 | 6.48 | 0 | 2.4 | | | |
| | | | | | | | | RC, GM | | | | |

*Replaces P202B

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ Unfiltered: _____
Sampler's Name: [signature] DJ Mikish

Sample #1

Sheet 1 of 3

Sample 3/4.

ph meter I.D. number Fisher

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P241B | 25JUN86 12:00 NOON Finished 2:45 PM | 330.3FT | 18,000 | 20,000+ | 15C | ~3 | 3.5 | 0 | 0 | ~2½ gpm clear | KCC | WARM clear Breeze |

*Replaces P202C

| Check Samples Collected | Ref. No. | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Rob/JON

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4-21-87 | 33.79 | 16,500 | 19,000 | 1hr. | 3.45 | — | — |

Sample 3/yr.

ph meter I.D. number ____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number ____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P241C | 8-29-86 1030 | 236.7 | 1210 | 1050 | 15 | 3 | 7.8 | 0 | 2.4 | | KCC | dry MILD |
| | 9-21-87 | 238 | 675 | 925 | 15 | 3 | 7.96 | 0 | 1.5 | RC/GW | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ____ /Unfiltered: ____
Sampler's Name: D L Mibich
COON

D

#7 3/yr.

ph meter I.D. number Fisher Accumet mod Bosn

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P242 | 1215 13 June 86 | 165.5 | 7800 | 7800 | 15° | 3 | 4.85 | 0 | 1.2 | Clear | KCC | Clear Warm |

4 gpm

pumped at 220' until 1300

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: JOK, DLM

≡ DGM 6S

#2

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P242 | 11:00 10/27/86 | 165.8 | 4750 | 7750 | 14° | 3T | 4.7 | | | | | cool clear |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Mikish
R. B.

DGM 6S

ph meter I.D. number Fisher-805

Conductivity meter I.D. number Hach 15300-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P242 | 1:25 4-16-87 | 164.33' | 7000 | 7500 | 14° | 5 | 4.84 | — | — | | | Clear |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC Sill

#1 3/yr.

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P243 | 1120 19 June 86 | 621 | 840 | 780 | 16 | 3 | 7.5 | 0 | 2.1 | muddy water | KCC | clear hot |

pumped 6gpm @ 80' till 11:40

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: JGH, JTC

DBM 25

#7

ph meter I.D. number ____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number ____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate (CO) mg/l | Bicarbonate (HCO) mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P243 | 11:00 10/21/86 | 65.2 | 1325 | 1400 | 13 | 3+ | 6.1 | 0 | 2.4 | went dry | | pt cl cool |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ____ /Unfiltered: ____
Sampler's Name: ____

mikeich
RB

≡ DBM 25

ph meter I.D. number Fisher 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACG 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P243 | 11:40 AM 4-30-87 | 62.05' | 900 | 875 | 13° | 2 | 7.41 | 0 | 1.5 | | | Cloudy |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC 3M

= DAM 25

X'

2/yr.

ph meter I.D. number Fisher Acumet Mod 805A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P244A | 1070 21 June 86 | 40' | 15,600 | 15,600 | 13 | — | 4.1 | 0 | 0.6 | muddy water | KCC | clear warm |

Not enough water to pump. Bailed samples

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| X | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: JAK, JTC.

= 15 D&M '85

#2

ph meter I.D. number ___

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number ___

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P244A | 9-26-86 1035 | 51.5 | 2700 | 2700 | 14 | 3+ | 3.5 | — | — | | KC | cold cloudy |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| X | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ___ Unfiltered: ___
Sampler's Name: DL Mikich

15 DBM '85

ph meter I.D. number Fisher 6404

Conductivity meter I.D. number Hach 2510

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate CO3 mg/l | Bicarbonate HCO3 mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P244A | 1:25 PM 4-30-87 | 51.15' | 4300 | 13,400 | 14° | 2 | 4.18 | — | — | | | Cloudy |

Na 29

Check Samples Collected

Ref. No.

| | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: _____

- 1 C 9 0 m '85

#1 3/yr.

Post in the way

ph meter I.D. number Fisher Accumet mod 20

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P244B | 1015 11 June 86 pumped till 1158 Kept running dry | 51' | 8,000 | 3000 | 22° | | 7.17 | 0.0 | 28 | water clear | KCC | clear Cool |

TSS 28.0

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: John, DCM

pumping rate 5 gpm

= M #1 I

#2

ph meter I.D. number ____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number ____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P244B | 9-26-86 1100 | 52.3 | 17,700 | 3500 | 16° | 3+ | 6.3 | — | 2.3 | | Kac | cold cloy |

| Check Samples Collected Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: Unfiltered: ____
Sampler's Name: DL Mikich

= D8M # 1 I

ph meter I.D. number Fisher 6404

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P244B | 10:45 AM 5-1-87 | 54.05' | 3250 | 3400 | 13° | 5 | 7.23 | 0 | 2.6 | | | Cloudy |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC BM

= D[illegible] # 1 I

3/yr. #1

Post in the way

ph meter I.D. number Fishir Accumet Mod 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P244C | 1215 11 June 86 to 1404 | 49' | 2600 | 2500 | 17° | | 7.41 | 0 | 2.9 | water clear | KCC | Clear Cool |

TSS 14.6

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: Jobb, DLM

5 gpm

≡ D8M1D

#2

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P244C | 9-2686 1130 | 51.5 | 20,000+ | 20,000+ | 16° | 3' | 3.3 | — | — | | Kcc | cold clay |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ Unfiltered: _____
Sampler's Name: [signature]

DL Mikich

[illegible]08M1D

ph meter I.D. number Fisher 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate ($CO_3$) mg/l | Bicarbonate ($HCO_3$) mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P244C | 11:15 AM 5-1-97 | 54.25' | 2500 | 2400 | 13° | 5 | 7.42 | 0 | 2.4 | | | Cloudy |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: [illegible]

#1 3/yr.

ph meter I.D. number Fisher Accumet MoD805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P245 | 1030 12 June 86 | 65' | 2010 | 3000 | 18° | | 6.66 | 0 | 2.8 | muddy to start then clear | Kec | clear warm |

TSS = 208

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered: DLM
Sampler's Name: Jeff, [illegible]

5 gpm

went dry in 25 min, let it recover 35 min,
pumped 15 min, took samples, well went dry again
pumped at 125'

DBM 35

ph meter I.D. number Fisher-640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P245 | 10:00 PM 4-30 87 | 78.60' | 1400 | 1430 | 13° | 2 | 6.72 | 0 | 2.2 | | | Cloudy |

NO #9

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: [illegible]

#1 3/cp.

ph meter I.D. number Fisher Accumet Mod 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P 246 | 1215 12 June 86 | 215' | | 1500 | 19° | — | 11.33 | 1.1 | 0.5 | water muddy | | clear warm |

Not enough water to pump Hand Bailed Samples 13 June 86

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Jeff, DLM

D&M 45

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P 246 | 5-7-87 | 216.80' | | | | | | | | | | |

NOT Enough water to pump

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: RC Co M.

= DRM 4C

3/yr.

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P247A | 10-9-86 1030 | 172.6 | 1760 | 4200 | 13 | 4 | 7.4 | – | 3.9 | | At Hanks (near W337) | clic cool |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Coon M. Rich

≡ D8M13S

ph meter I.D. number Fisher 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P247A | 10:[illegible] 4-22-87 | 188.91 | 3250 | 3500 | 14° | 5 | 6.71 | 0 | 3.3 | | At Hanks (near W337) | Clear warm |

NO #9

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: [illegible]

≡ D8M13S

Sample #2

ph meter I.D. number Fisher 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P2474 | 11:40 AM 5-11-87 | 190.65' | 3750 | 4000 | 14° | 5 | 6.88 | 0 | 3.5 | | | Cloudy |

| Check Samples Collected | | | Container and Preservative |
|---|---|---|---|
| Ref. No. | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: Rc GM.

ph meter I.D. number Fisher

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P247B | 4/3/91 | | | 1690 | 14° | | 7.1 | 0 | 2.3 | At Hamis | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: / Unfiltered:
Sampler's Name: Bodell

= DA.M 12D

Sample #2

ph meter I.D. number Fisher 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22475 | 11:40 AM 5-11-87 | | | 1750 | 20° | | 7.1 | | | | | Cloudy |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: [illegible]

ph meter I.D. number Fisher 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate CO3 mg/l | Bicarbonate HCO3 mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P248A | 7:20 4-23-87 | 60.83' | 4500 | 5500 | 16 | \ | 3.23 | — | — | | | Clear & warm |

No #9

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC Bm

ph meter I.D. number Fisher Accumet model 825

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number NA TCA 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P248A | 1:20 13 June 86 | 50' | 7900 | 6600 | 19° | 4 | 3.85 | 0 | 0.6 | | | Clear warm |

pumped @ 95' till 1415 6 gpm

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: [illegible]

D&M SS

2

ph meter I.D. number ____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number ____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P248A | 8-28-86 1000 | 60 | 3700 | 7300 | 16 | 2+ | 4.2 | — | Hi Acid | | KCC | C/R WRM |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ____ /Unfiltered: ____
Sampler's Name: ____

EL Mihich

COON

≡ D8M5S

ph meter I.D. number Fisher Accumet Mod 825A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 16700-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P248B | 855 17 June 86 | 61' | 6600 | 3500 | 25 | 2 | 6.0 | 0 | 1.6 | water Green | KCC | warm clear |

pumped at 160' @ 5 gpm

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: JEH, JTC

went dry in 15 min let set one hour, would not pump
Came back next day, pumped 20 min, went dry, got samples

O&M 5I

ph meter I.D. number ____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number ____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate ($CO_3$) mg/l | Bicarbonate ($HCO_3$) mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P248B | 8-28-86 0845 | 61.4 | 3600 | 4050 | 16 | 3 | 6.5 | — | ~~[illegible]~~ 2.0 | $H_2O$ DISCOLORED | KCC | CLR WRM |

| Check Samples Collected | | | Container and Preservative |
|---|---|---|---|
| Ref. No. | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ____ /Unfiltered: ____
Sampler's Name: [signature]

DJ Mikich

EDM 5I

ph meter I.D. number Fisher 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P248B | 9:35 4 4-23-87 | 61.79' | 3000 | 3000 | 15° | | 6.22 | 0 | 1.5 | | | Clear Warm |

This well pumped down in 15 min. waited for it to recover then sampled.

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: [illegible]

E[illegible]5I

ph meter I.D. number Fisher Accumet model 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P248C | 8:38 | 59 | 945 | 2000 | 14° | 4 | 5.9 | 0 | 1.2 | muddy to start, then clear | KCC | clear clear |

19 June 86

59gpm pumped 200' until 0955

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: JAR, JTC

≡ D&M 5D

ph meter I.D. number_____

Conductivity meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P248C | 8-28-86 0750 | 60.0 | 2400 | 2100 | 16 | 3 | 6.6 | — | 1.4 | | KCC | CLR WARM |

| Check Samples Collected Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ Unfiltered: _____
Sampler's Name: [signature]

D L Mikrich

ph meter I.D. number Fisher 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P248C | 10:12 AM 4-23-87 | 60.41 | 1700 | 1675 | 15° | 5 | 6.16 | 0 | 1.0 | | | Clear & Warm |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC GM

Ξ Dom ED

3/gp.

ph meter I.D. number Fisher Accumet Mod 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P249A | 24JUN86 10:30AM finished 1:00PM | 257.7FT | 1250 | 1520 | 18C | 3 | 7.5 | 0 | 1.9 | SANDY COLOR 1.5 gpm clearedup | KCC | WARM, clouds, slight Breeze |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: Rob / JOH

2

ph meter I.D. number _____

Conductivity meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D249A | 8/21/86 1200 | 259.1 | 1540 | 1680 | 19 | 5 | 7.3 | 0 | 2.2 | | | cloudy warm |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| X | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ Unfiltered: _____
Sampler's Name: D L Mikich

ph meter I.D. number Fisher 640A

Conductivity meter I.D. number HACH 2510

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P249A | 2:15 pm 4-23-87 | 262.66' | 2400 | 2250 | 15° | 5 | 7.24 | 0 | 2.0 | | | Clear & Warm |

No #9

| Check Samples Collected Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: P. G. M.

1 3/gr.

ph meter I.D. number Fisher

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P249B | 25JUN86 9:50AM Finished 11:25AM | 257.5ft | 1335 | 1355 | 15C | 3 | 7.5 | 0 | 1.8 | 5gpm clear | ICCC | warm clear slight Breeze |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: RGH/JOH

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ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Add |
|---|---|---|---|---|---|---|---|---|---|---|---|
| P249B | 8/27/86 1230 | 258.5 | 1350 | 1360 | 15° | 3 | 7.8 | — | 2.1 | HOT C/R | KC Hwy 1 S of Bgham ROAD ON EAST SIDE |

Check Samples Collected

Ref. No.

| | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered: _____
Sampler's Name: [signature] DL Mikich

ph meter I.D. number Fisher 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P249B | 1233 PM 4-23-87 | 263.75' | 1175 | 1300 | 15° | 5 | 7.25 | 0 | 1.3 | | | Clear. Warm |

| Check Samples Collected Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC Gm.

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ph meter I.D. number Fisher 240A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P250 A | 12.50 | 295.50 | 2500 | 1575 | 18 | 5 | 7.42 | 0 | 1.3 | | | Clear Warm |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: Revis Guy

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ph meter I.D. number Fisher 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity unhos/cm | Final Conductivity unhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate ($CO_3$) mg/l | Bicarbonate ($HCO_3$) mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P250B | 9:05 PM 4-24-87 | 291.58' | 1100 | 1175 | 16° | | 7.30 | 0 | 115 | | | Clear |

Check Samples Collected

| Wf. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC GM

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weathe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P251 | 11:50 10/21/86 | 12.5' | 950 | 1800 | 14 | | 6.1 | 0 | 3.0 | | | [illegible] |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Mitsch
R.B.

≡ D8M 9S

1

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity unhos/cm | Final Conductivity unhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P252A | 9-4-86 | 116.8 | 1130 | 1140 | 16 | 3+ | 6.9 | – | 4.1 | D=155' | KCC | WARM C/R |

Check Samples Collected

Container and Preservative

Ref. No.:

1. X 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. X 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. X 2 liters, unfiltered, cool 4°C, plastic container
4. ____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. ____ 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. ____ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: Unfiltered: _____
Sampler's Name: [signature]
D L Mikich

≡ D8M105

2

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P252A | 10/14/86 11:10 | 112.5' | 1450 | 1050 | 14 | | 7.4 | 0 | 3.8 | | | cool clear |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

D J Mikich
R B

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1

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P252B | 9-486 1250 | 118.0 | 3300 | 1475 | 16 | 3+ | 7.0 | — | 4.4 | D=380' | KCC 1/4 MI S of | C/R WRM |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: [signature]
DL Mikish

Ξ D8M 10I

2

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P252B | 10/14/86 10:00 | 1131 | 1550 | 1725 | 15 | 3+ | 6.95 | 0 | 2.1 | | | cool clear |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

DL Mikrich
R.B.

1 of 3

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P-252C | 10/14/86 10:15 | 113 | 2550 | 2500 | 14 | 3+ | 7.0 | 0 | 5.9 | | | Cog clea |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

D J Mikisch

R.B.

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P253A | 9-3-86 1150 | 39 | 3500 | 3300 | 17 | 3+ | 7.0 | 0 | 1.5 | | 10745 S 2200 W | C/R WARM |

Check Samples Collected

Ref. No.

| | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: Unfiltered: _____
Sampler's Name: [signature] D L Mitsich

E[illegible] 11S

2

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P253A | 10/24/88 12:05 | 37' | 3300 | 3500 | 14 | 3+ | 7.0 | 0 | 3.7 | | 10745 S 2200 W | clear cool |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: D L Mikich
R. B.

≡ D&M 115

ph meter I.D. number Fisher - 640A

Conductivity meter I.D. number [illegible] 2510

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P253A | 1105 4-22-87 | 47.42 | 3100 | 3000 | 14° | 5 | 7.17 | 0 | 2.8 | | | Clear - warm |

Check Samples Collected

Ref. No.

| | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC Gr.

ED[illegible]115

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P253B | 9-3-86 1015 | 43.1 | 9800 | 760 | 17 | 3+ | 7.8 | 0.2 | 3.5 | | 10745 W 2200 W | Warm Clr |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: [illegible] / O L Mitrich

≡ DGM ID

2

ph meter I.D. number_____

Conductivity meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P253B | 10/14/82 12:00 | ~~37'~~ 41' | 3500 | 800 | 14 | 3+ | 7.4 | 0 | 1.8 | | | clear cool |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

D J Mitish
R. B

ph meter I.D. number Fisher 6404

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Fisher 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate ($CO_3$) mg/l | Bicarbonate ($HCO_3$) mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P253B | 11:55 4-22-87 | 51.63' | 6000 | 680 | 14° | 5 | 7.95 | 0 | 1.5 | | | CLEAR |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TUG, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RP GM

≡ DGM ID

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P254A | 9-5-86 0945 | 157.7 | 4000 | 3800 | 17 | 3+ | 6.7 | 0 | 6.6 | | KCC by 5-352 | Windy C/R Warm |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: Unfiltered: _____
Sampler's Name: [signature]
DL Mikisch

om 145

2

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P-254A | 10:15 10/15/86 | 159.3 | 3500 | 4000 | 12 | 3+ | 6.4 | 0 | 6.1 | | | cool clear |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Mikish
R.B.

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P254A | 2:11 4-20-87 | 161.12' | 3550 | 3500 | 15°C | | 6.30 | 0 | 5.6 | | | Cloudy |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: [illegible]

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P254B | 9-5-86 1020 | 154.7 | 730 | 730 | 18 | 8+ | 6.9 | 0 | 1.9 | | KCC | windy warm clr |

Check Samples Collected

| ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ Unfiltered: _____
Sampler's Name: D L Mikich

≡ D6M19D

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P254B | 10:10 10/15/86 | 155.1 | 700 | 550 | 12 | 3+ | 6.8 | 0 | 1.5 | | | cool clear |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Mikiel
R.B

m19D

ph meter I.D. number Fisher-805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P254B | 10:11 4-20-87 | 154.45' | 650 | 615 | 14°C | | 7.79 | 0 | 1.4 | | | Cloudy |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC, GM

= DGM19D

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P255A | 8/19/86 | 16.2' | 4800 | 2400 | 18 | 3+ | 6.7 | 0 | 2.5 | | Kenn. | Hot Pt cldy |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: Unfiltered: _____
Sampler's Name: [signature] D L Mikich

2

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P255A | 12:00 10/15/86 | 23.2 | 2000 | 3000 | 13 | 3+ | 6.3 | 0 | 2.1 | | | cool clr |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Mulich
K.B

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P255A | 4-87 | 24.13' | 2250 | 2000 | 14° | 5 | 7.31 | 0 | 1.8 | | | Clear |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: R. G. M.

l

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P255B | 8/19/86 1330 | 18.3 | 600 | 580 | 16 | 3 | 7.4 | 0 | 2.0 | | Kern | Hot Ptcldy |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: D L Mikich

16 I

2

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weath |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P255B | 12:05 10/15/82 | 20.8 | 600 | 560 | 12 | 3+ | 6.6 | 0 | 2.0 | | | cool clr. |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Mitchell
R. B

ph meter I.D. number Fisher 805

Conductivity meter I.D. number Mach 6200-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| mple Site signation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P255B | 1155 AM 4-8-87 | 21.42' | 570 | 500 | 7.76 | 5 | 7.76 | 0 | 1.7 | | | Clear |

| heck Samples Collected | | Container and Preservative |
|---|---|---|
| f. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

ll sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: [illegible]

1

ph meter I.D. number_____

Conductivity meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P256 | 8-15-86 1200 | 19.8 | 800 | 930 | 16 | 3+ | 7.3 | 0 | 2.4 | Very clear @ start of pump slightly Discolored @ Finish | 11800 S 4000 W | CLR MILD |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered: _____
Sampler's Name: D L Mikish

2

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weathe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P256 | 10-9-86 1230 | 22.6 | 810 | 800 | 15 | 3+ | 7.4 | — | 2.6 | | KCC 11800 S 4000 W | C/R cool |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Conn M. Rich

- 170

ph meter I.D. number Fisher 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 2510

| ample Site esignation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P256 | 11:00 AM 4-24-87 | 30.62' | 680 | 1150 | 15c | 5 | 6.75 | 0 | 2.2 | | | Clear |

NO #9

| heck Samples Collected | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| f. No. | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: MC GM

Sample #2

ph meter I.D. number Fisher - 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P256 | 1:00 PM 5-11-87 | 27.97' | 680 | 1180 | 15° | 5 | 7.53 | 0 | 25 | | | Cloudy |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC GH

1 3/yr.

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P257 | 8/19/86 1030 | 16.9 | 5000 | 5000 | 18 | 3 | 7.2 | 0 | 4.3 | | Kenn. | Cldy Warm |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ Unfiltered: _____
Sampler's Name: [signature]
D J Mikish

2

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P 257 | 12:55 10/15/86 | 17.0 | 5000 | 4900 | 13 | 3+ | 6.2 | 0 | 4.3 | | | cool clr. |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Mikish
R. B.

ph meter I.D. number Fisher 805

Conductivity meter I.D. number Hach 16300-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P257 | 9:55 AM 4-15-87 | 16.91 | 19.20 | 3700 | 14.0 | 5 | 7.13 | 0 | 410 | | | Clear |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RP, BM

Sample #

ph meter I.D. number Fisher 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P257 | 9:10 AM 5-11-87 | 16.25' | 5000 | 4900 | 14° | 5 | 7.13 | 0 | 3.9 | | | Cloudy |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | ✓ | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | ✓ | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | ✓ | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC, GM

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P258 A | 4-14-87 | ARTESIAN | 3300 | 3400 | 19° | 5 | 7.1 | 0 | 1.8 | | | CLEAR |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: _____

ph meter I.D. number Fisher 805

Conductivity meter I.D. number HACH 16300-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P258B | 4.14.87 | 13.42 | 2200 | 2200 | 18° | 5 | 7.4 | 0 | 1.4 | | | Clear |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC GM

ph meter I.D. number Fisher 705

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P261 | 10:30 4-20-87 | 70.66' | 1625 | 1780 | 12° | 5 | 7.43 | 0 | 1.4 | | | Cloudy |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: KC GM

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1262 | 10:35 | 176.90' | 2850 | 2700 | 15° | 5 | 7.1 | 0 | 2.2 | | | Clear |
| | 4-9-97 | | | 2700 | 15° | | 7.1 | 0 | 2.2 | | | |
| | 4- | | | | | | | | | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | × | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | × | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | × | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | ✓ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | ✓ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | ✓ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC G.M.

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P263 | 8:35 | 53.50 | 3950 | 4200 | 14° | 5 | 6.6 | 0 | 6.2 | | | Clear |
| | 4-9-87 | | | 4200 | 14 | | 6.6 | 0 | 6.2 | | | |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | ✓ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | ✓ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | ✓ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: R.C. G.M.

Sample #2

ph meter I.D. number Fisher 640A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 2510

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P263 | 10:05 5-11-87 | 53.30' | 3900 | 4000 | 14° | 5 | 6.60 | 0 | 6.1 | | | Cloudy |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC GM

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P265 | 11:55 4-9-87 | 111.85 | 2050 | 2200 | 15° | 5 | 7.4 | 0 | 2.4 | | | CLEAR |
| | | | | ~~2200~~ | ~~15°~~ | | ~~7.4~~ | ~~0~~ | ~~2.4~~ | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC G.M.

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach - 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P266 | 1300 4-8-87 | 204.3' | 2700 | 2550 | 16° | 5 | 7.5 | 0 | 2.5 | | | Clear |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RG - GM

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P267A | 4/13/94 | 125.50 Ft | 3000 | 3150 | 12° | 5 | 7.2 | 0 | 4.1 | | | Clear |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: Unfiltered:
Sampler's Name: Lewis - Guy

ph meter I.D. number Fisher 805

Conductivity meter I.D. number Hach 16300-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P267B | 4/18/87 | 126.42 Ft | 1400 | 1400 | 12° | 5 | 7.4 | 0 | 2.4 | | | Clear |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Lewis-Guy

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P268 | 10:15 4-8-87 | 210.77' | 2900 | 2800 | 16° | 5 | 7.3 | 0 | 1.9 | | | Clear |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC G.M.

ph meter I.D. number Fisher 805

Conductivity meter I.D. number HACH 16300-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P269 | 11:15 4-8-87 | 113.2' | 2850 | 2800 | 16° | 5 | 7.3 | 0 | 3.3 | | | CLEAR |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: R.C., G.M.

ph meter I.D. number Fisher 805

Conductivity meter I.D. number HACH 15200-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P270 | 1:15 pm 4-15-87 | 41.05' | 700 | 625 | 14° | 1 | 7.1 | 0 | 1.6 | | | Cloudy |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC BM

ph meter I.D. number Fisher 805

Conductivity meter I.D. number HACH 16300-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P271 | 4/9/87 | 38.45 ~~Pumped~~ | Pumped | 4 min. | | No | recovery | | | | | clear |
| | 4-14-87 | | 300 | 3000 | 16° | 1 | 7.45 | 0 | 2.3 | | | |

Pumped 4-9-87 well went Dry. Repumped well 4-14-87 1 Volume & sampled.

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number Fisher

Conductivity meter I.D. number Hach

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4-9/87 | 66.25 ft | 3300 | 3450 | 15° | | 70 | 0 | 4.0 | | | |

P272

Check Samples Collected

Ref. No.

| | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ____ /Unfiltered:
Sampler's Name: Lewis Markus

ph meter I.D. number Fisher 805

Conductivity meter I.D. number Hach 16300-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P274 | 4/7/87 | 245.60 | 990 | 990 | 15 | | 7.6 | 0 | 1.5 | | | |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Kevis, Markus

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P275 | 4-14-87 | 115.33' | 1830 | 2100 | 16° | 2 | 7.2 | 0 | 1.3 | | | CLEAR |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC CM.

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S1 J. River 9000S. | [illegible] | | | 1200 | 10 | | 8.4 | [illegible] | 0.6 | | | [illegible] |

| Check Samples Collected | | | Container and Preservative |
|---|---|---|---|
| Ref. No. | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Mike
Bovell

Sheet 1 of 3

Sample #1

Sample 3/42!

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52 J. River 12300S. | 4/23/86 10:30 am | — | — | 1075 | 18 | — | 7.8 | 0.2 | 2.5 | | | cloudy |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered:
Sampler's Name: KMS ROH

Sheet 2 of 3

Sample #2

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S2 J. River 12300 S. | 2-11-87 | | | 1050 | 12' | | 6.8 | .1 | 1.7 | | | cold cloudy |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Jones

Sheet 1 of 3

Sample #1

Sample 3/yr. !

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH - 16300

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S21 Butterfield Creek Above Lake Mine | 22Apr86 11:00AM | | | 820 | 17.2 | | 8.0 | 0.3 | 2.1 | Grey Color | | mild cloudy |

**Check Samples Collected**

**Container and Preservative**

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Roh/KMS

Sheet 3 of 3

Sample #2

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S21 Butt Creek Above Lock Mine | 2-4-[illegible] | | | 970 | 10 | | 8.2 | .2 | 2.1 | | | warm clear |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

[illegible]
[illegible]

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S21A Bingham Mine Portal Drain | | | | [illegible] | 10 | | 7.1 | 0 | 2.4 | | | [illegible] |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

McKee
Boozell

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S21B Butt. Creek And Bingham Mine Portal | 2-5-77 | | | 1390 | 10 | | 7.1 | 0 | 2[illegible] | | | [illegible] |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

McKee
Bonell

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16360-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S22A Lake Town Spring | 1100 2 Apr 86 | | | 3010 | 8° | | 7.77 | | | | | Snowing |

**Check Samples Collected**

**Container and Preservative**

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Joff, DLM

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S22B Butt. Creek Spring | [illegible] | | | 1540 | 11 | | 7.2 | [illegible] | 2.7 | | | clear |

**Check Samples Collected**

**Container and Preservative**

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

[illegible]
Bonev

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S33 Provo Reservoir Canal 16150S | | | No water | | | | | | | | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 533A Provo Res. Canal 9000S. | | | | | | | | | | No Water | | |

**Check Samples Collected**

| Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S38 Jordan River 10,600 South | [illegible] | | | 1100 | 10 | | 7.9 | .2 | 2.0 | | | cloudy |

**Check Samples Collected**

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

**All sample bottles shall be labeled with:**

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

[illegible]
[illegible]

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S40 Old Scout Camp Spring in Butt. Creek | 2-9-87 | | | 610 | 10 | | 7.2 | 0 | 214 | | | clear |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

McLee
Bosch

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 553 U.S. Mine Butt Creek Portal | 2-4-5 P | | | 1125 | 12 | | 7.4 | 0 | 3.4 | | | Clear |

Check Samples Collected

Ref. No.

Container and Preservative

1. X 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. X 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. X 2 liters, unfiltered, cool 4°C, plastic container
4. ____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. ____ 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. X 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Mattee
Bond

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S54 J. River 6400 S. | [illegible] | | | 1240 | 10 | | 8.2 | .2 | 2.1 | | | [illegible] |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

[illegible]
[illegible]

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S56 North Bingham Creek | 2-5-81 | | | 1525 | 13 | | 7.4 | 0 | 33 | | | clear |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Brown

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 557 J. River 8000 S. | [illegible] | | | [illegible] | 10 | | 8.3 | .1 | 2.2 | | | cloudy |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

[illegible]
[illegible]

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S166 G. River 14600S. | 2-9-77 | | | 1115 | 10 | | 8.4 | .2 | 2.0 | | | cloudy |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

[illegible]

Sample 1

Sample 3 times/yr.

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S200 Bingham Reservoir | 4/23/86 9:30 am | — | — | +20,000 | 19 | — | 4.1 | 0 | 0 | | | cloudy |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: Unfiltered:
Sampler's Name: KMS ROH

Sheet 2 of 3

Sample #2

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S200 Reservoir | 2-07 | | | 20000 + | 12° | | 3.0 | | | | | |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

McKee

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5236 Leach Fluid | [illegible] | | | 0.0000 T | 10° | | 2.6 | | | | | |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5237 Bingham Pit Water | 2-9-87 | | | 1930 | 10° | | 5.9 | 0 | .5 | | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S313 J. River 4800S, | 2-4-89 | | | 1240 | 10 | | 8.2 | .1 | 2.3 | | | cloudy |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Moree
Bondy

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 3/4 N. Jordan Canal | 1-4-87 | | | 1730 | 11 | | 8.2 | .2 | 2.9 | | | cloudy |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

McPee
Bodell

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 315 Butt Creek And Milan Creek | 2-11-87 | | | 2400 | 10° | | 7.05 | 0 | 3.0 | | | cold cloudy |

Check Samples Collected

Ref. No.

| | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: __
Sampler's Name: _____

Bodell

* Note: This site was checked twice, although the pH and $HCO_3$ doesn't look like the combo. of 320 and 321

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 316 Crystal Spring | 2-9-79 | | | 1540 | 15 | | 7.9 | 0 | 2.4 | | | clear |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

DAVIS
Roach

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 317 S. Kennecott Mine Dump Drainage | | | | | | | | | | | | |

NOT FLOWING AS OF 2-19-8[illegible] WILL Re-Check

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 318 Barney's Spring | 2-4-87 | | | 1890 | 12 | | 7.6 | 0 | 3.5 | | | clean |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Mokes
Bendi

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 319 Maple Spring | [illegible] | | | 1140 | 15 | | 7.0 | 0 | 31 | | | [illegible] |

| Check Samples Collected Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, S04, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

[illegible]
[illegible]

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S320 | 2-11-87 | | | 2400 | 10 | | 6.75 | - | 8.8 | | | cold cloudy |

[illegible] d

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Boxed

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S321 Midas Creek | 2-11-87 | | | 2400 | 10° | | 7.0 | 0 | 3.4 | | | Cold Cloudy |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Bovell

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S324 Rose Creek At 6400 W. 1400 S. | 2-9-87 | | | 680 | 10° | | 7.5 | .2 | 1.9 | | | |

| Check Samples Collected Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 330 Jordan River 9400S. | 2-7-87 | | | 1160 | 11 | | 8.2 | .1 | 2.2 | | | [illegible] |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

McPee
Boody

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S343 1370W. 7300 S. (Spring) | [illegible] | | | 1750 | 13 | | 7.5 | 0 | 3.5 | | | [illegible] |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Page 11

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S344 Spring 7560 S. 1200 W. | [illegible] | | | 2300 | 12 | | 7.1 | 0 | 8.8 | | | Clear |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Model

Sample #1

Sample 3 times/yr.

Sheet 1 of 3

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S350 Evaporation Ponds | | | | | | | | | | | | |

Not in use

**Check Samples Collected**

| Ref. No. | | Check | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

**All sample bottles shall be labeled with:**

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S351 40th West Pond | [illegible] | | | 7750 | 12 | | 4.55 | | .5 | | | Clear |

| Check Samples Collected | Ref. No. | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Bedell

Sheet 1 of 3

Sample #1

Sample 3 times/yr.

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S352 South Evaporation Ponds | | | | Not in use | | | | | | | | |

**Check Samples Collected**

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

**All sample bottles shall be labeled with:**

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 353 Small Reservoir | 2-4-87 | | | 120,000 | 11° | | 3.0 | -- | — | | | Cloudy |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, S04, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

McKee
Dodell

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S354 Treated Mine Stream * Was Old S238 | 2-4-87 | | | 8200 | 10 | | 8.2 | -- | -- | | | Cloudy |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

McKee
Bovell

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 355 NOSE + MineWater Stream (Untreated) | | | | | | | | | | | | |

Not in use

**Check Samples Collected**

**Container and Preservative**

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

**All sample bottles shall be labeled with:**

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S356 80 Acre Evap. Pond | 3-4-87 | | | 2800 | 14 | | 8.6 | .2 | .3 | | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Bedell

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S357 J. River effluent | | | | | | | | | | | | |

Not in use

**Check Samples Collected**

**Container and Preservative**

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

**All sample bottles shall be labeled with:**

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S358 Cemetary Pond | | | Not in use | | | | | | | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S-400 | 3-10-87 | | | 620 | 15 | | 7.4 | 0 | 2.2. | | | |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

McKee

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number YATCA 16300-80

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-17 | 1000 | | | 2010 | | | 6.95 | | | | | Rain |
| Wilford Phelps | 1 APR 86 | | | | 15° | | | | | JGH, DLM | | |
| 11946 So 3600 W. | 7 May 86 | | | 2100 | 16° | | 6.9 | | | JGH | | " |
| | 16 June 86 | | | 2010 | 19 | | 7.0 | | | JGH | | |
| | 4-1-87 | | | 2500 | 16° | | 6.8 | 0 | 2.7 | | | |

Check Samples Collected

Ref. No.

Container and Preservative

1. ✓ 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. ✓ 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. ✓ 2 liters, unfiltered, cool 4°C, plastic container
4. ___ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ___ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ___ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ___ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. ✓ 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. ___ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ___ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: JGH, DLM
Bodell, Markus

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W22 J. Dansie 13200 S. 7800 W. | 10:00AM 9/24/86 | | | 1490 | 16 | | 6.9 | | | | | cloudy cool |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

D L Mikich

#1 Sample comprehensive
(W27 to be sampled 3 times/yr. !)

Sheet 1 of 3

ph meter I.D. number Fisher 805MP

Conductivity meter I.D. number HACH 16300

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W27 Copperton Conoco Station 8500W 10200S antique shop | 1:00PM 3JUN86 | — | — | 1450 | 23C | — | 7.32 | 0 | 2.9 | | JOE Bueler | WARM clear |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

Total
Diss
Nut

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Koh/DLM

Sample #2 Key Contaminants Only

Sheet 2 of 3

ph meter I.D. number _____

Conductivity meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W27 Copperton Conoco Station | 200 PM 10/24/86 8500W 102005 | | | 1630 | 18 | | 7.0 | | | | Joe Buckler | Cldy cool |

(For TDS, SO4, Cu, Fe, Mn, Zn, Pb only + field parameters)

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

D L Mikich

Sample #3 Key Contaminants Only

Sheet 3 of 3

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W27 Copperton Conoco Station 8500W 10200S | | | | | | | | | | | | |

(For TDS, SO4, Cu, Fe, Mn, Zn, Pb only + Field Parameters)

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

McKee

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach-16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W31 | *3/3/86 | | | | | | 7.1 | | | | | |
| Copperton City Well | 3/10/87 | | | 860 | 13° | | 7.3 | 0 | 2.0 | | | |
| Barneys canyon | | | | | | | | | | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

McKEE

9-5-86

* This sample was picked up at [illegible] Mallet trip, to pick past [illegible] contamination! [illegible] not run for [illegible] [illegible]

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W41A Bastian | 10:00AM | | | 2300 | 16 | | 7.0 | | | | | cldy cool |
| 13200S 8900W | 9/24/86 | | | | | | | | | | | |
| | 3/10/87 | | | 2950 | 13 | | 6.9 | 0 | 3.0 | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

D L Mikich

McKEE

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W107 Westland Hills #1 9800S 4800W Glenmore Golf Course | | down | | | | | | | | | | |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weathe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W108 Weatland Hills #2 9800S 4800W | 7/17/86 | TAP | | 900 | 11 | | 8.1 | | | | Golf Course | WA |

Glenmore Golf Course

**Check Samples Collected**

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

COON

ph meter I.D. number Fishe-805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach-16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W125 Kennecott's (was Nicolletti's) | 9:45AM 4/24/86 | | | 3200 | 15 | | 7.1 | | | | | cldy cool |
| = old K125 | 3/10/87 | | | 3600 | 13° | | 7.1 | 0 | 2.9 | | | |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

McKEE

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W131A C. Fassio | 7-29-86 1930 | | | 2800 | 21 | | 7.2 | 0 | 3.5 | | | |
| 5600W 12800S | 3-17-97 | | | 2200 | 15 | | 7.4 | 0 | 3.3 | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: [illegible]

McKee

ph meter I.D. number Fisher 805

Conductivity meter I.D. number Hach-16300-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W131B | 7-27-86 | | | 2500 | 26 | | 7.3 | 0 | 3.5 | | | |
| C. Fassio | 1352 | | | | | | | | | | | |
| 5600W 12800S | 3-17-87 | | | 2200 | 14 | | 7.3 | 0 | 3.3 | | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: [illegible] McKee

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W134 O. Madsen 12600S + 4311W | 7-29-86 1400 | | | 975 | 25 | | 7.4 | 0 | 2.3 | | | |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON / MIKICH

ph meter I.D. number_____

Conductivity meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W136 Garamedi (Riverton City Well) 12600 S 4335 W | 7/28/86 1330 | | | 1410 | 18 | . | 7.8 | 0 | 2.8 | | | |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| X | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON/MIKICH

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W141 | 1 APR 86 | | | 1340 | 15° | | 7.36 | | | JOH, BLM | | Rainy |
| K. Motoki | 6 May 86 | | | 1430 | 17° | | 7.4 | | | JOH | | " |
| 12408 S 3600 W | 5 June 86 | | | 1270 | 18° | | 7.2 | | | OLM, ROH | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: JOH, BLM

Well is owned by
Joy Cardwell
12442 So 3600 W

Well also used by
McKinney
124[illegible] So.
3[illegible] W.

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W142 | 10 APR 86 | | | 2100 | 16° | | 7.51 | | | JOH, DLM | House was vacant | |
| Bills | 6 May 86 | | | 2300 | 16° | | 7.0 | | | JOH | water barely runs | |
| 12191S 3600W | 16 June 86 | | | 2020 | 18° | | 7.0 | | | JOH | | |

Check Samples Collected

Ref. No.

| | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: JOH/DLM

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W144 M. Jensen 12653S 3600W | 11:30AM 9/24/86 | | | 1770 | 16 | | 7.4 | | | | | cool cldy |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: D L Mikesh

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W146 D. Boulden 14400 S | 11:30am 9/24/86 | | | 3300 | 16 | | 7.4 | | | | | cool cldy |
| 3598 W | | | | | | | | | | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

D L Mikisch

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W151 P.Schmidt 9120 S. 1700 W. | 7/22/86 0900 | | | 1450 | 19 | | 7.6 | 0 | 1.4 | TAP | | RAIN |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: JTC DLM

ph meter I.D. number Fished 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HaCH-16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W152 O.J. Wilkinson | 7-30-86 0900 | | | ~~140~~ | 23 | | 7.6 | 0 | 0.4 | | | |
| 10826S 1300W | 3-19-87 1010 | | | 6600 | 15 | | 8.2 | .1 | .4 | | | Snowy |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: JTC/DLM
Bode 4

* 7-30-86 is City $H_2O$
3-19-87 is well $H_2O$

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W153 F.E. Smith 11558 S. 1700 W. | NO Longer Available for Sampling Bodell, McKee | | | | | | | | | | | |

**Check Samples Collected**

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W154 P. Groves 11400 S. 1327 W. | 0900 7/22/86 | | 960 | | 20 | | 7.7 | 0 | 1.7 | TAP | | RAIN |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: DLM JTC

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W155 W. Davis 12552S. 1700W. | | WELL IS GONE | | | | | | | | | | |
| | | SHOPPING CENTER | | | | | | | | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W162 L. Palmer 10085 S 1000 W | 7-30-86 1000 | | | 1650 | 24 | | 6.8 | 0 | 1.4 | | | |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON / MICKICH

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W164 Garrett 13650S, 1200W. | 12:15 9/24/86 | | | 1150 | 16 | | 7.4 | | | | | cool cldy |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: D L Mitsich

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W167 Mulch Plant 10100S, 5200W. Salt Lake County | 1:30 7/21/86 | | 1550 | | 25 | | 7.3 | | | tap | | Hot clear |

| Check Samples Collected Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: JTC DLM

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W173 Hamilton Feed & Livestock 13400S 4258W | 1415 7-29-86 | | | 2900 | 25 | | 7.3 | 0 | 2.9 | | | |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Coon / Mick

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W174 Gardner 13850S 4000W | 7-29-86 1430 | | | 7500 | 22 | | 7.6 | 0 | 2.4 | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered:
Sampler's Name: MiKich / Cook

ph meter I.D. number _____

Conductivity meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W176 Peterson | 7-30-86 0930 | | | 1300 | 23 | | 7.2 | 0 | 2.4 | No House WELL only | | |

1300 W
12350 So
east side of road

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON / MIKICH

ph meter I.D. number Fisher-805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach-16700-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W178 Gardner 8446 S. 1300 W. | 3-23-87 1020 | | | 1770 | 14° | | 7.3 | 0 | 2.5 | | | warm clear |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Borell
Mayfus

ph meter I.D. number Fisher - 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH - 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W180 For Breedlove 8400S 600W | 3-23-87 1050 | | | 940 | 15 | | 7.5 | 0 | 1.0 | | | warm clear |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Bodell
McKee
Markus

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hatch 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W182 V. Beckstead 10230 S 300 W | 3/30/87 9:30 | | 1730 | 1730 | 15° | | 7.7 | 0 | 2.2 | | | Clear Cold |

**Check Samples Collected**

**Container and Preservative**

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: (Unfiltered:
Sampler's Name: Markus Bodell

3-19-87. It Looks as Though no one is living here

Bodell

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W185 | [illegible] | | | [illegible] | [illegible] | | 6.[illegible] | [illegible] | [illegible] | | | warm clear |
| Herriman City 6400 W 13100 S | 5-23-87 0940 | | | 620 | 13 | | 7.2 | 0 | 1.9 | | | |

**Check Samples Collected**

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: [illegible]

Bodell
McKee
Morkus

Sample 3/yr.

Sample #1

ph meter I.D. number Orion 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number hach 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W189 Interstate Brick 9210S 5200W | 4/23/86 945 | — | — | 650 | 20° | — | 7.6 | — | 1.8 | | | cloudy |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered:
Sampler's Name: KMS ~~RDH~~

Sample # 2

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W189 Interstate Brick | 1:45 7/21/86 | | 700 | | 27 | | 7.6 | | | TAP | | HOT CLEAR |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: D/M JTC

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W300 Fraughton 1300W 10400S old church | 7-30-86 1015 | | | 1050 | 24 | | 7.0 | 0 | 1.6 | FOUNDRY | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON / MIKICH

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W301 | 0915 | | 400 | | 19 | | 8.2 | 0 | 1.0 | TAP | ~~E~~ | RAIN |
| Anderson | 7/22/86 | | | | | | | | | | | |
| 1300W | 3/17/87 | | 3700 | | 15 | | 7.1 | 0 | 1.6 | | | |
| 1000S So | | | | | | | | | | | | |

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| X | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| X | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: DLM JTC

ATT! Terry Sample on 7-22-86 is City H2O

(W 302 to be sampled 3/yr.)

Sheet 1 of 3

Sample #1

ph meter I.D. number Orion 211

Conductivity meter I.D. number hatch 16300-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W302 Naylor 1300 W 9778 So | 4/23/86 10:45 | — | — | 4000 | 17 | — | 7.3 | 0 | 2.6 | | | cloudy |

(Sample 1/yr. comprehensive (see below) and 2/yr non-comprehensive (see sheets 2 + 3 following)

| Check Samples Collected Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ____ /Unfiltered: ____
Sampler's Name: RMS ~~RDH~~

Sample #2

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W302 Naylor 1300W - S 9778So | 9:30 7/22/86 | | 3500 | | 19 | | 7.5 | 0 | 2.1 | TAP | | RAIN |

(Analyze For field parameters And TDS, SO4, Cu, Fe, Mn, Zn, Pb)

| Check Samples Collected Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: DAM VTC

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W304 Farnsworth 1540 W 1S 10315 Sc | | 3- | | | | | | | | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

* 3-20-87. Down Until Summer

McKee

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W305 Tac 1785W 9400S | 7-30-86 | | | 1500 | 22 | | 7.3 | 0 | 1.6 | TRUCK FARM | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON / MIKICH

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W306 Gigi 1300W 10025S | 10:00 2/22/86 | | 300 | | 20 | | 8.0 | 0 | 1.7 | TAP | | RAIN |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: DLM JTC

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W308 Tolbert 10400S 4850W | 8:50AM 8/20/86 | TAP | 910 | 910 | 20 | | 7.0 | 0 | 1.8 | | TOLBERT | CLDY WARM |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: [signature]
D L Mihich

Evap. Pond Monitor Well, Sampled Monthly
Once/yr. for comprehensive as below.

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W309 L.R. Bateman 9475 W 11800 S | | Monthly | | | | | | | | | | |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Evaporation Pond Monitor Well To Be Sampled Monthly. 1/yr. comprehensive as below.

ph meter I.D. number Fisher 905

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W310 Boulder 3846 W. 11800 S. | 4-6-97 | | | 3000 | 16° | | 3.10 | C | 2.4 | | | Clear |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | ✓ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | ✓ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: (Unfiltered):
Sampler's Name: Bodell Markus

Evaporation Pond Monitor Well. Sampled Monthly 1/yr. comprehensive as below.

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 311 Schouten 3883 W. 11800 S. | 4-6-87 | | | 3700 | 15° | | 6.8 | 0 | 2.5 | | | clear |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | ✓ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | ✓ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered:
Sampler's Name: Bodell Markus

Evaporation Pond Monitor Well
Sampled Monthly.
1/yr. comprehensive, as below.

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 312 Tidwell 11668 S. 3800 W. | 11-19-86 9:45 am | - | - | 2250 | 13° | - | 6.95 | 0 | 4.6 | | | Cold + WET |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

R BODELL

Evaporation Pond Monitor Well
Sampled Monthly.
1/yr. comprehensive, as below.

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 312 Tidwell 11668 S. 3800 W. | 4-6-87 | | | 2300 | 16 | | 6.9 | 0 | 2.4 | | | clear |

| Check Samples Collected Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | ✓ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | ✓ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: Unfiltered:
Sampler's Name: Bodell Markus

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W322 | 1:00PM | TAP | — | 1800 | 14° | — | 6.6 | 0 | 3.6 | | | |
| B. Dansix | 10/16/86 | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | |
| Herriman. | | | | | | | | | | | | |
| 1089 W. MAIN | | | | | | | | | | | | |

Check Samples Collected

Container and Preservative

Ref. No.

1. X 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. X 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. X 2 liters, unfiltered, cool 4°C, plastic container
4. ____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. ____ 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. X 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Mikich

R. B1

ph meter I.D. number_____

Conductivity meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W323 L.Wall 14200S. 6446W. | 12:30 10/16/86 | — | — | 1350 | 150 | — | 6.8 | 0 | 2.6 | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

M. Smith
R. O

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W325 J. Holland 12948 S. 4400 W. | 11:00 Am 9/24/86 | | | 1550 | 16 | | 7.4 | | | | | Cool cloudy |

| Check Samples Collected Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: D L Mikich

Call Mr Mumford
254-3955

Monthly

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weath |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W326 Hamilton Riverton City well 3800W. 13400S | 86-07-28 1300 | | | 800 | 20 | | 7.9 | 0 | 2.8 | | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON / MIKICH

Monthly

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W327 Maynard Riverton City Well 3600W 13600S | 7-29-86 1315 | | | 1250 | 24 | | 7.8 | 0 | 2.7 | | | |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON MIRICH

Monthly

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W328 Gedge Riverton City Well 2290W 13400S | 7-29-86 0900 | | | 1570 | 22 | | 7.2 | | | | | c/r/46 |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| X | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| X | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON MIRICH

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W329 A. Jensen | 12:20AM 9/24/86 | | | 1020 | 16 | | 7.4 | | | | | cool cldy |

14955 S. 1800 W.

| Check Samples Collected | Ref. No. | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: D L Mikick

Also used by
Brett Butterfield
12236 So.
4000 W.

ph meter I.D. number ORION 238

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weath |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W331 | 10 Apr 86 | | | 1400 | 17° | | 7.47 | | | JSR, DLM | | |
| Jay Butterfield | 17 June 86 | | | 1525 | 24° | | 7.46 | | | JSR, J.T.C. | | |

12256 S. 4000 W.

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Monthly

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W331 | 4-7-87 | | | 1440 | 17° | | 7.25 | 0 | 2.6 | | | |

Jay Butterfield

12256 S. 4000 W.

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | ✓ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | ✓ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | ✓ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: Bodell Markus

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weathe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W332 Paul Solmonsen | 2:00 2/21/86 | | 1350 | | 25 | | 2.6 | | | TAP | | CLEA HO |

7440 S. Hwy 111

| Check Samples Collected | Ref. No. | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, S04, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: DLM JTC

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W333 Thad otley UTLEY 5892 S. Hwy 111 | 2:15 7/21/86 | | 810 | | 21 | | 7.9 | | | TAP | | HO CLE |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: JTC DLM

ph meter I.D. number_____

Conductivity meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W334 Bob Goldsmith | 8:15 7/22/82 | | 900 | | 19 | | 7.6 | 0 | 2.0 | TAP | | RN |

7551 S. 5490 W.

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: DLM DTC

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W335 Dick Kunz | 8:10 7/22/86 | | 1400 | | 20 | | 7.9 | 0 | 4.9 | TAP | | RAIN |

7374 S. 5490 W.

| Check Samples Collected Ref. No. | | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: DLM JTC

ph meter I.D. number _____

Conductivity meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W336 Gary Larsen | 8:30 7/22/86 | | 1950 | | 21 | | 2.2 | 0 | 1.7 | TAP | | RAIN |

7800S, 5250W.

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: OLM JTC

Sheet 1 of 3

Sample #1

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W337 | April 10,86 Jott, DLM | | 3800 | 3800 | 18° | | 7.21 | | | | | |
| Bill Ham | May 8,86 Roh | | 4200 | 4200 | 16° | | 6.4 | | | | | |

3564W. 11010S. To Be Sampled 3/yr. See attached Sheets 2 and 3

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Using Well 8-247-B in June 86 Monthly

Sheet 2 of 3

Second Sample for field parameters
And Lab Parameters TDS, SO4, Cu, Fe, Mn, Zn, Pb.

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weathe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W337 Bill Ham | | | | | | | | | | | | |

3564W 110105

| Check Samples Collected | Ref. No. | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

now in P-247 B monthly

Sheet 1 of 3

Sample #1

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W338 Flossie Wells | | | | out of order | | | | | | | | |

11000 S 3500 W. To Be Sampled 3/year

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number GRAW 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 16700-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W339 | 19 March 86 | | | 3200 | 12° | | 7.1 | | | KMS, RGH | | |
| R.K. | 10 Apr 86 | | | 3100 | 17° | | 7.18 | | | JGB, OLM | | |
| Peterson | 17 June 86 | | | 2800 | 24° | | 7.2 | | | JGB, JTC | | |

12009 S. 4000 W.

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: KMS, RGH

Montelius

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W339 | 4-7-87 | | | 2750 | 18° | | 6.95 | 0 | 2.9 | | | Clear |

R.K. Peterson

12009 S. 4000 W.

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | ✓ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | ✓ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | ✓ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Bodell Markus

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach-16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W340 | 3-15-87 | | | 2600 | 18 | | 6.4 | 0 | 3.0 | | | cold windy |

Harmon
Utah
Roses
Geothermal
Well #1 634 W. 14600 S.

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Bert
McKee

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W341 Murray Fair Grounds 5250 S. 300 E. | 12-10-86 | Drinking Fountain Flowing Well. HAS Been Capped! NO Way to sample Bodell | | | | | | | | | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number Fisher 805 [illegible]

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 16300 00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 342 Murray Fair Grounds | 12:30 12-10-86 | — | — | 510 | 11° | - | 7.35 | 0 | 1.5 | Sampled from [illegible] (always running) | | Cool clear |

5250 S. State

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

R. Bodell

ph meter I.D. number Fisher 505

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach - 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W345 D.H. Greenwood | 3/19/87 0930 | | | 7.5 | 12 | | 7.5 | 0 | 2.1 | | | Snowy |

10400 S. 300 W.

| Check Samples Collected Ref. No. | | Container and Preservative |
|---|---|---|
| | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Bodell

ph meter I.D. number ~~HATCH~~ ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number ~~HATCH~~ 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W346 Pine Hollow Tree Farm | 2-5-87 | | | 200 | 12 | | 7.6 | - .1 | 1.0 | ~~1 of~~ | | clear |

7600 S. 9th East to 7th East call Kel Kemp 6820 So 9th E 255-2478

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: KMS

Bodell

ph meter I.D. number Fisher-805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W347 | 3/25/87 | | | 2900 | 18 | | 7.1 | 0 | 2.6 | | | cold windy |
| D.H. Holthkamp | 1115 | | | | | | | | | | | |
| 362-6263 | | | | | | | | | | | | |
| 5060 S, 1250 W. | | | | | | | | | | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. | 1. X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. ____ | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. ____ | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. ____ | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. ____ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. ____ | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. ____ | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Markus Bodell

ph meter I.D. number Fisher 805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W348 Blaine Christiansen | 3/19/87 1100 | | | 960 | 12° | | 7.9 | 0 | 1.4 | | | Snowy |

2906 W. 2000 S.

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Bode U

ph meter I.D. number Fisher-805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach-16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W359 Hercules By Eagle Rock | 3/26/87 1230 | | | 260 | 19° | | 9.0 | .2 | .4 | | | cold windy |

**Check Samples Collected**

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Markus
Bodey
McKee

ph meter I.D. number Fisher 460A

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W360 Kelly Schultz | 3/6/87 0900 | | 1080 | | 15° | | 7.3 | 0 | 1.7 | water Looked good | Schulty | cloudy |

5338W. 7800S.

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name: WW 360
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: Bob McKee

561-2352

Sample #1

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number hatch 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W361 West Jordan City | 4/23/86 10:30 | — | — | 1070 | 20 | - | 7.5 | 0 | 1.7 | | | cloud |

5600 W. 9000 S.

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: KMS RDH

Sample # 2

Sheet 2 of 3

ph meter I.D. number Fisher-805

Conductivity meter I.D. number Hatch 16300-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate ($CO_3$) mg/l | Bicarbonate ($HCO_3$) mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weathe |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W361 W. Jordan City | 3/30/87 | 9.45 | 1086 | 1090 | 14° | | 7.5 | 0 | 1.5 | | | Clear Cold |

5600 W. 7005.

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: Markus - Bodell

561-2352

Sample #1

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number hatch 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W361 West Jordan City | 4/23/86 10:30 | — | — | 1070 | 20 | - | 7.5 | 0 | 1.7 | | | cloudy |

5600 W. 9000 S.

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: KMS RDH

ph meter I.D. number [illegible] 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number [illegible] 1630-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather | TSS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W364 3892W. 11,800S. | 013086 | | | 1420 | 15° | | 7.1 | 0 | 2.8 | JOH, BOH | Robinson | | 0.4 |
| | 18 March 86 | | | 1450 | 12° | | 7.2 | | | ROH, KMS | | | |
| | 9 Apr 86 | | | 1400 | 15° | | 7.16 | | | JOH, DLM | | | |
| | 7 May 86 | | | 1400 | 17° | | 7.00 | | | JOH | | | |

Check Samples Collected

Ref. No.

Container and Preservative

1. X 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. X 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. X 2 liters, unfiltered, cool 4°C, plastic container
4. ___ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ___ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ___ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ___ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. X 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. ___ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ___ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10 June 86 | | | 1600 | 23° | | 7.31 | | | JOH, DLM | | | |

Monthly

ph meter I.D. number [illegible] 2.21

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number [illegible] 16300 [illegible]

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather | TSS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W365 | 013086 | | | 3700 | 15° | | 6.8 | 0 | 2.9 | JoH, RoH | Gariner | | 12.0 |
| 3864W | 18 March 86 | | | 3700 | 13° | | 6.9 | | | RoH, KMS | | | |
| 11,800 S | 9 Apr 86 | | | 3400 | 14° | | 6.95 | | | JoH, DLM | | | |
| | 7 May 86 | | | 3700 | 17° | | 6.8 | | | JoH | | | |

**Check Samples Collected**

**Container and Preservative**

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: Bodell/Markus

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10 June 86 | | 3500 | 23° | 6.88 | | | | JoH, DLM | |
| 11 April 87 | | 3600 | 17° | 6.8 | | 0 | 2.6 | | |

Monthly

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather | TSS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W366 3807 W 11,800 S | 013086 | | | 3250 | 15° | | 6.8 | 0 | 3.0 | Joh, Rob | Candalot | | 3.6 |
| | 18 March 86 | | | 3500 | 13° | | 6.9 | | | KSms, ROH | | | |
| | 9 April 86 | | | 3300 | 16° | | 6.93 | | | Joh, DLM | | | |
| | 7 May 86 | | | 3500 | 18° | | 6.8 | | | Joh | | | |
| | 10 June 86 | | | 3600 | 23° | | 6.81 | | | Joh, DLM | | | |

Monthly

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather | TSS / 1.4 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W367 | 30 Jan 86 | | | 1980 | 14° | | 7.3 | 0 | 3.6 | RoH, JoH | J.N. Hogge | | |
| 11,723 S | 18 March 86 | | | 2000 | 12° | | 7.2 | | | KMS, RoH | | | |
| 3800 W | 9 April 86 | | | 1900 | 14° | | 7.13 | | | JoH, DLM | | | |
| | 7 May 86 | | | 2000 | 15° | | 7.1 | | | JoH | | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 24 June 86 | | | 2000 | 24° | | 7.4 | | | JoH, RoH | | | |

ph meter I.D. number OR 10N 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HA TCH 12300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather | TSS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W368 | 013086 | | 1920 | | 15° | | 7.4 | 0 | 3.7 | McLane & Andrews | | RON, JCH | 0.0 |
| 3668 W | ~~3 Jan 86~~ | | | | | | | | | | | | |
| 11,800 S | 18 March | | 2000 | | 12° | | 7.2 | | KMS, ACH | | | | |
| | 9 April 86 | | 2000 | | 16° | | 7.18 | | JCH, ACM | | | | |
| | 8 MAY 86 | | 2000 | | 19°C | | 7.3 | | RCH | | | | |

Check Samples Collected

Ref. No.

Container and Preservative

1. X 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. X 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. X 2 liters, unfiltered, cool 4°C, plastic container
4. ____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. A 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. ____ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

| | | | | |
|---|---|---|---|---|
| 24 June 86 | 1920 | 24° | 7.4 | JCH, ACH |
| 4-6-87 | 2000 | 16° | 7.18 | |

Owner said all well water was "filtered through a magic device"

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather | TSS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 369 | 01 30 86 | | 1730 | | 15° | | 7.4 | 0 | 4.2 | JOH, ROH | Ken Rasmussen | | 2.0 |
| Ken Rasmussen | 18 March 86 | | | 1740 | 16° | | 7.2 | | | KMS, ROH | | | |
| 11,766 S 3600 W | 10 Apr 86 | | | 1700 | 17° | | 7.28 | | | JOH, DLM | | | |
| | 7 May 86 | | | 1770 | 16° | | 7.2 | | | JOH | | | |

Check Samples Collected

Ref. No.

Container and Preservative

1. X 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. X 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. X 2 liters, unfiltered, cool 4°C, plastic container
4. ____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. X 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. ____ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 17 June 86 | | | 1760 | 20° | 7.2 | | | | JOH, JRC | |
| 4-7-87 | | | 1890 | 18° | 7.2 | 0 | | 3.3 | KMS, ROH | |

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather | TSS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W370 | 013086 | | | 2600 | 15° | | 7.3 | 0 | 3.2 | JOH, ROH | Travis Rasmussen 11,676 S 3600 W | | 5.2 |
| | 18 March 86 | | | 2600 | 17° | | 7.2 | | | KMS, ROH | | | |
| | 10 Apr 86 | | | 2500 | 17° | | 7.21 | | | JOH, ALM | | | |
| | 8 MAY 86 | | | 2700 | 16°C | | 6.6 | | | Roh | | | |

Check Samples Collected

Ref. No.

Container and Preservative

1. X 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. X 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. X 2 liters, unfiltered, cool 4°C, plastic container
4. ____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. X 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. ____ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 17 June 86 | | 2700 | 20° | 7.1 | | | JOH, JTC | | |
| 4-7-87 | | 3000 | 16° | 7.05 | 0 | 3.7 | KMS, ROH | | |

ph meter I.D. number ORION 271

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATTK 16350-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather | TSS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W371 | 013086 | | | 2500 | 15° | | 7.3 | 0 | 3.1 | JOK, ROK | Owen Bringhurst 11,630 S. 3600 W. | | 35.2 |
| | 18 March 86 | | | 2500 | 12° | | 7.1 | | | KMS, ROH | | | |
| | 10 Apr 86 | | | 2500 | 18° | | 7.27 | | | JOK, DLM | | | |
| | 8 MAY 86 | | | 2600 | 16°C | | 6.8 | | | Roh | | | |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 June 86 | | | | 2750 | 20° | | 7.1 | | | JOK, JTC | | | |
| 4-7-87 | | | | 3100 | 18° | | 7.1 | 0 | 3.2 | KMS, ROH | | | |

ph meter I.D. number ORION

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number WATCH 16300.00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W372 | 013086 | | | 3900 | 15° | | 6.8 | | | ROH, JOH | Craig | |
| | 19 March 86 | | | 3900 | 15° | | 6.9 | | | KMS, ROK | Peterson | |
| | 10 Apr 86 | | | 3700 | 17° | | 7.19 | | | JOH, DLM | 11,887 S. 4000 W. | |
| | 5 May 86 | | | 4000 | 16° | | 7.12 | | | JOH, ROH | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 17 June 86 | | 4000 | 24° | 7.02 | | | JOH, JTC | |
| | 4-7-87 | | 4100 | 16° | 6.8 | 0 | 3.3 | KMS, ROK | |

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-373 | 1025 1 APR 86 | | | 1040 | 16° | | 7.00 | | | JOH & LM | | Rainy |
| L Schouten 12090 So. 3600 W. | 18 March 86 | | | 2200 | 13° | | 7.2 | | | KMS ROH | | |
| | 13 May 86 | | | 2030 | 19° | | 8.24 | | | JOH, J.T.C | | |
| | 16 June 86 | | | 2050 | 19° | | 6.98 | | | JOH | | |

Check Samples Collected

Ref. No.

Container and Preservative

1. X 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. X 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. X 2 liters, unfiltered, cool 4°C, plastic container
4. ____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. X 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. ____ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ____ /Unfiltered: ____
Sampler's Name: JOH, DLM

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 17 June 86 | | 1850 | 24° | 7.40 | | | JOH, J.T.C. | |
| 4-7-87 | | 2700 | 17° | 6.85 | 0 | 2.7 | KMS | ROH |

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-374 | 20 Feb 86 | | | 1810 | 17° | | 7.2 | | | DLM, ROH | | |
| L. Dutson | 19 March 86 | | | 1775 | 12° | | 7.2 | | | KMS, ROH | | |
| 12211 So | 10 Apr 86 | | | 1800 | 17° | | 7.38 | | | JOH, DLM | | |
| 4000 W | 5 May 86 | | | 1700 | 17° | | 7.15 | | | JOH, ROH | | |

Check Samples Collected

Ref. No.

Container and Preservative

1. _____ 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. _____ 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. _____ 2 liters, unfiltered, cool 4°C, plastic container
4. _____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. _____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. _____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. _____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. _____ 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. _____ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. _____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: DLM ROH

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 17 June 86 | | 1700 | 24° | 7.40 | | | JOH, J.T.C. | |

Same Well for G. Dutson
12235 So.
4000 W.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 4-7-87 | | 2000 | 17° | 7.2° | 0 | 2.6 | KMS ROH | |

ph meter I.D. number DRIGN 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATSH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-375 | 20 Feb 86 | | | 1640 | 14° | | 7.2 | | | DLM, ROH | | |
| Craig Butterfield 12210 So. 4000 W. | 19 March | | | 1560 | 13° | | 7.2 | | | KMS, ROH | | |
| | 10 Apr 86 | | | 1550 | 16° | | 7.42 | | | Jobb, DLM | | |
| | 5 May 86 | | | 1460 | 17° | | 7.15 | | | Job, ROH | | |
| | 17 June 86 | | | 1850 | 24° | | 7.4 | | | JrA, J.T.C. | | |

Check Samples Collected

Ref. No.

Container and Preservative

1. X — 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. X — 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. X — 2 liters, unfiltered, cool 4°C, plastic container
4. ____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. X — 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. ____ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: DLM ROH

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 4-7-87 | | 1700 | 16° | 7.16 | | 0 | 2.7 | KMS, ROH |

ph meter I.D. number ~~[illegible]~~ ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-377 | 10 APR 86 | | | 1100 | 18° | | 7.57 | | | JOH, DLM | | |
| Clay Butter field 12260 So 4000 W. | 1[illegible] June 86 | | | 1740 | 20° | | 7.2 | | | JOH, S.T.C. | | |
| | 4-7-87 | | | 1130 | 17° | | 7.41 | 0 | 2.4 | | | |

**Check Samples Collected**

**Container and Preservative**

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

**All sample bottles shall be labeled with:**

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: Markus, Bodell

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-40

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-378 | 20 Feb 86 | | | 750 | 16° | | 7.6 | | | DLM, ROH | | |
| Burnhart Dutson | 19 march 86 | | | 700 | 13° | | 7.5 | | | KMS, ROH | | |
| 12279 So | | 10 APR 86 | | 670 | 17° | | 7.71 | | | JOH, DLM | | |
| 4000 W | | 5 May 86 | | 660 | 17° | | 7.39 | | | JOH, ROH | | |
| | | 19 [illegible] 86 | | 700 | 20° | | 7.7 | | | JOH, JTC | | |

**Check Samples Collected**

**Container and Preservative**

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: DLM, ROH

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4-7-87 | 710 | 17° | 7.62 | 0 | 1.7 | KMS, ROH | |

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16760-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-379 | 17 June 86 | | | 1320 | 24° | | 7.6 | | | Joh, J.T.C. | | |
| J.W. Iverson Jr 12311 So. 4000 W. | 4-7-87 | | | 1450 | 16° | | 7.28 | 0 | 2.9 | | | |

**Check Samples Collected**

**Container and Preservative**

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Markus, Bodell

ph meter I.D. number OA/ON 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-380 | 20 Feb 86 | | | 820 | 13° | | 7.6 | | | | | |
| G. Coulter | 19 march 86 | | | 780 | 13° | | 7.6 | | | KMS, ROH | | |
| 12395 So. | 10 Apr 86 | | | 700 | 17° | | 7.82 | | | JOH, DLM | | |
| 4000 W. | 5 May 86 | | | 775 | 17° | | 7.48 | | | JOH, ROH | | |
| | [illegible] 86 | | | [illegible] | [illegible] | | 7.6 | | | JOH, JTC | | |

**Check Samples Collected**

**Container and Preservative**

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: DLM, ROH

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 4-7-87 | 800 | 16° | 7.6 | 0 | 1.7 | KMS, ROH | |

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-60

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-381 | 1010 | | | 2020 | 15° | | 6.96 | | | | | Rainy |
| Stephen Phelps | 1 Apr 86 | | | | | | | | | | | |
| 11980 So. | | | | | | | | | | | | |
| 3600 W. | | | | | | | | | | | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | ✓ | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | ✓ | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | ✓ | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | ✓ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: JAK, DLM

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hatch 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-382 | 1020 | | | 2040 | 15° | | 6.98 | | | JoH, DLM | | Rainy |
| Roy Peterson | 1 Apr 86 | | | 2800 | 16° | | 6.8 | 0 | 2.9 | | | |
| 12012 So. | 6 May 86 | | | 2400 | 17° | | 7.0 | | | JoH | | " |
| 3600 W. | 16 June 86 | | | 2040 | 19° | | 7.0 | | | JoH | | |
| | 4-1-86 | | | 2600 | 16 | | | | | | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: JoH, DLM

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hatch 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-383 | 10 APR 86 | | | 1650 | 18° | | 7.54 | | | JOH, OLM | | |
| Jenkins | 6 May 86 | | | 1910 | 16° | | 7.1 | | | JOH | | |
| 12222 So. | 16 June 86 | | | 2030 | 19° | | 7.11 | | | JOH | | |
| 3600 W. | 4-7-87 | | | 2000 | 17° | | 7.1 | 0 | 2.7 | Markus, Bodell | | |

Check Samples Collected

Ref. No.

Container and Preservative

1. X 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. X 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. X 2 liters, unfiltered, cool 4°C, plastic container
4. ____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. X 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. ____ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-384 | 1030 | | | 2020 | 15° | | 7.18 | | | JOH, DLM | | Rainy |
| C.W. Bright | 1 Apr 86 | | | | | | | | | | | |
| 12400 So | ~~86~~ 6 May 86 | | | 2300 | 17° | | 7.2 | | | JOH | | " |
| 3600 W. | 25 June 86 | | | [illegible] | [illegible] | | 7.2 | | | JOH, [illegible] | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: JOH, DLM

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HACH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-385 | 1045 | | | 1280 | 15° | | 7.41 | | | JGK, DLM | | Rainy |
| Ron Larson | 1 Apr 86 | | | | | | | | | | | |
| 12464 So. | 13 May 86 | | | 1260 | 18° | | 8.33 | | | JGK, JTC | | |
| 3600 W | 5 June 86 | | | 1460 | 19° | | 7.5 | | | DLM, RGK | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: JGK, DLM.

4-7-87 2300 17° 7.5 0 3.3

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number MATRIX 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-386 | 1100 1 Apr 86 | | | 1000 | 16° | | 7.48 | | | JAK, DLM | | Rainy |
| M. Martin | 13 May 86 | | | 1020 | 19° | | 8.45 | | | JAK, JTC | | |
| 12 554 So. ~~[illegible]~~ 3600 W. | 5 June 86 | | | 1150 | 19° | | 7.6 | | | DLM, RIH | | |
| | Apr. 7 '57 | | | 1950 | 17° | | 3.34? | 0 | 2.5 | | | |

**Check Samples Collected**

**Container and Preservative**

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: JAK, DLM

on city water

ph meter I.D. number BRION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number KATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-387 | 1130 | | | 1325 | 14° | | 7.13 | | | JOH, DLM | | Sno |
| Glen ~~[illegible]~~ Mclaturg. 2 Apr 86 86 | | | | | | | | | | | | |
| 12404 So (Appx) | | | | | | | | | | | | |
| 3600 W | | | | | | | | | | | | |

Check Samples Collected

Ref. No.

| | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: JOH, DLM

New Home under construction, on city water

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number MATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Wea |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-388 | 1145 2 APR 86 | | | 1770 | 16° | | 7.12 | | | JOH, DLM | | Sma |
| E.L. PASCO Jr | 6 May 86 | | | 1940 | 16° | | 7.1 | | | JOH | | |
| 11977 So 3600 W. | 24 June 86 | | | 1940 | 22° | | 7.4 | | | JOH, ROH | | |
| | 4-6-87 | | | 1840 | 16° | | 7.2 | 0 | 34 | | | |

**Check Samples Collected**

**Container and Preservative**

| Ref. No. | | | |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: JOH, DLM

~~may be w-143~~ 15 W-143

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate ($CO_3$) mg/l | Bicarbonate ($HCO_3$) mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address |
|---|---|---|---|---|---|---|---|---|---|---|---|
| W-389 | 10 Apr 86 | | | 1500 | 17 | | 7.58 | | | JOH, DLM | |
| G.W. Oakeson | 13 May 86 | | | 1610 | 18 | | 8.22 | | | JOH, JTC | |
| 1248450 3600W | 5 June 86 | | | 1660 | 21 | | 7.3 | | | DLM, ROH | |

Check Samples Collected

Ref. No.

Container and Preservative

1. X — 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. X — 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. X — 2 liters, unfiltered, cool 4°C, plastic container
4. ____ — 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ____ — 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ____ — 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ____ — 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. X — 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. ____ — 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ____ — 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Monthly

ph meter I.D. number ORION 211

Conductivity meter I.D. number Hach 16300-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate (CO3) mg/l | Bicarbonate HCO3 mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address |
|---|---|---|---|---|---|---|---|---|---|---|---|
| W-390 | 10 Apr 86 | | | 1325 | 16° | | 7.70 | | | JOR, BLM | |
| A.G. Smith | 13 May 86 | | | 1380 | 18° | | 8.31 | | | JOR, JTC | |
| 12518 So 3600 W | 5 June 86 | | | 1430 | 21° | | 7.4 | | | BLM, ROH | |
| | 4-7-87 | | | 1390 | 17° | | 7.48 | 0 | 2.5 | Bodell/Markus | |

Check Samples Collected

Ref. No.

Container and Preservative

1. K — 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. K — 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. K — 2 liters, unfiltered, cool 4°C, plastic container
4. ____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. ____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. ____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. K — 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. ____ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. ____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-391 | 10 APR 86 | | | 1750 | 16° | | 7.69 | | | JOH, DLM | | |
| Ferhgen | 6 May 86 | | | 1870 | 16° | | 7.1 | | | JOH | | |
| 12241 So. | 25 June 86 | | | 2000 | 24° | | 7.4 | | | JOH, ROH | | |
| 3600 W. | 4-7-87 | | | 1820 | 16° | | 7.25 | 0 | 2.7 | Bodell/Markus | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | X | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

ph meter I.D. number ORION 211

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number HATCH 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-~~381~~ | 1010 | | | 2020 | 15° | | 6.96 | | | JoH, DLM | | Rainy |
| W-392 Stephen Phelps | 1 Apr 86 | | | | | | | | | | | |
| 11980 So. | 6 Apr 86 | | | 2200 | 18° | | 7.1 | | | JoH | | " |
| 3600 W. | 16 June 86 | | | 2025 | 19° | | 7.09 | | | JoH | | |
| | 4-6-87 | | | 2600 | 17° | | 6.8 | 0 | 2.3 | Markus, Bodell | | |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | ✓ | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | ✓ | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | ✓ | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | ✓ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: /Unfiltered:
Sampler's Name: JoH, DLM

W-142

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Wea |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-393 Hocking 2191 So 3600 W | 4/16/86 | — | — | 2400 | 19° | — | 7.1 | | | | | rai |

Check Samples Collected

Ref. No.

Container and Preservative

1. _____ 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. _____ 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. _____ 2 liters, unfiltered, cool 4°C, plastic container
4. _____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. _____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. _____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. _____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. _____ 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. _____ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. _____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: KMS JTC

D. Gilbert

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weat |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-394 | 4/16/86 | — | — | 1500 | 19° | — | 7.4 | — | — | | | ra |
| 12262 So | 6 May 86 | | | 1550 | 18° | | 7.3 | | | JoH | | " |
| 3600 W | 5 June 86 | | | 1550 | 22° | | 7.5 | | | ALM, RoH | | |
| | 4-6-87 | | | 1460 | 17° | | 7.45 | 0 | 2.5 | Markus, Bidell | | |

Check Samples Collected

Container and Preservative

Ref. No.

1. _____ 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. _____ 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. _____ 2 liters, unfiltered, cool 4°C, plastic container
4. _____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. _____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. _____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. _____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. _____ 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. _____ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. _____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: KMB JTC

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Wea |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-395 | 4/16/86 | — | — | 1520 | 18 | — | 7.3 | — | — | | RANDY WRIGHT | TO |
| 12281 So | 5/13/86 | | | 1510 | 17 | | 8.26 | | | JOH, JTC | | |
| 3600 W | 25 June 86 | | | 1600 | 23° | | 7.6 | | | JOH, ROH | | |
| | 4-7-87 | | | 1490 | 16° | | 7.43 | 0 | 2.6 | Bodell/Markus | | |

Check Samples Collected _____

Ref. No.

1. _____ 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container
2. _____ 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container
3. _____ 2 liters, unfiltered, cool 4°C, plastic container
4. _____ 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container
5. _____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
6. _____ 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid
7. _____ 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid
8. _____ 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample)
9. _____ 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle
10. _____ 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: KMS JTC

ph meter I.D. number _____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number _____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | Carbonate ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Wea |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-396 | 4/16/86 | — | — | 1740 | 18 | — | 7.4 | — | — | | BRENT BENNETT | [illegible] |
| 12536 So | 5/13/86 | | | 1920 | 18 | | 8.2 | | | JOH, JTC | | |
| 3600 W | 5 June 86 | | | 1930 | 24° | | 7.4 | | | DLM, RIH | | |
| | 4-7-87 | | | 1700 | 16° | | 7.55 | 0 | 3.3 | Boddl/Markus | | |

Check Samples Collected

Container and Preservative

| Ref. No. | | |
|---|---|---|
| 1. | ✓ | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | ✓ | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | ✓ | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, C03, HCO3, AlK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, Si02, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: KMS JTC

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-397 2596 W. 1277550 | 7-29-86 0915 | | | 1350 | 21 | | 7.4 | | | RIVERTON CITY CALLED STEPHENOFF NEW WELL | | clr 46+ |

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| X5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| X6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: GOON MIRICH

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-398 13300 So. 3600 W. | 7-29-86 0930 | | | 1400 | 20 | | 7.5 | | | RIVERTON CITY NEW WELL CALLED MAYNARD #2 | | |

Check Samples Collected

| Ref. No. | | Container and Preservative |
|---|---|---|
| 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| X 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| X 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: COON MIRICH

ph meter I.D. number_____

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number_____

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address |
|---|---|---|---|---|---|---|---|---|---|---|---|
| W-399 732250 5490W | 9:00 10/16/86 | TAP | — | 1390 | 14° | — | 6.6 | 0 | 1.8 | | ROWLEY |

Check Samples Collected

| Ref. No. | | | Container and Preservative |
|---|---|---|---|
| | 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| | 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| | 3. | | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| | 9. | | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

Parameters For Analysis:

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

D L Milsich
R. B.

first time on 10/16/86

ph meter I.D. number Fisher-805

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

Conductivity meter I.D. number Hach 16300-00

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W-401 | 3/24/87 | | | 1300 | 13° | | 7.4 | 0 | 3.2 | | | cold windy |
| Kennecott Owned Ranch | 1130 | | | | | | | | | | | |

Occupied By Renters

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| _____ | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| _____ | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| _____ | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| _____ | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| _____ | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| _____ | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| _____ | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| _____ | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| _____ | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| _____ | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, Alk, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: _____ /Unfiltered: _____
Sampler's Name: _____

Markus McKee

ph meter I.D. number Fisher 805

Conductivity meter I.D. number #Ach 16300-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W402 North well County | 10:30 4-16-87 | 115.85' | 1470 | 1525 | 14.0 | 4 | 7.49 | 0 | 3.0 | | | Clear |

County Also sampled

| Check Samples Collected | | Container and Preservative |
|---|---|---|
| Ref. No. 1. | X | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| 2. | X | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| 3. | X | 2 liters, unfiltered, cool 4°C, plastic container |
| 4. | | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| 5. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 6. | | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| 7. | | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| 8. | | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| 9. | X | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| 10. | | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: RC JM

ph meter I.D. number Fisher-805

Conductivity meter I.D. number Hach 16300-00

TABLE 5-1. UCD HYDROLOGIC STUDY FIELD WATER QUALITY DATA SHEET

| Sample Site Designation | Time and Date | Pre-Pumping Depth to Water From Top of Casing (Tenths of Feet) | Initial Conductivity umhos/cm | Final Conductivity umhos/cm At Sample (1) Collection | Temp. °C | Well Volumes Removed | ph | Carbonate $CO_3$ mg/l | Bicarbonate $HCO_3$ mg/l | Miscellaneous Information (i.e. visual description of well and water) | Well Owner & Address | Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W403 Southwell County | 11:30 4-16-85 | 101.04 | 1125 | 1140 | 16° | 4 | 7.36 | 0 | 2.8 | | | Clear |

County Also Sampled

| Check Samples Collected | Ref. No. | Container and Preservative |
|---|---|---|
| X | 1. | 2 liters, unfiltered, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 2. | 2 liters, filtered with .45 micron filter paper, acidified $HNO_3$ to pH 2, into a plastic container |
| X | 3. | 2 liters, unfiltered, cool 4°C, plastic container |
| | 4. | 100 ml, unfiltered, acidified $H_2SO_4$ to pH 2, into a plastic container |
| | 5. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 6. | 1 liter, unfiltered, cool 4°C, pH 5-9, full to top in a glass bottle with a teflon lid |
| | 7. | 2 liters, unfiltered, acidified with $H_2SO_4$, pH 2, in a glass bottle with a teflon lid |
| | 8. | 4 ounces, unfiltered, cool 4°C, into a sterilized glass bottle (avoid body contact with sample) |
| X | 9. | 1 liter, unfiltered, acidified with $HNO_3$, pH 2, into a glass bottle |
| | 10. | 40 ml, unfiltered, preserved with $Na_2S_2O_3$, into a glass bottle full to top with teflon lid |

**Parameters For Analysis:**

1. For Total Metals
2. For Dissolved Metals
3. For F, CO3, HCO3, ALK, Cl, SO4, pH, SC, TDS, TSS, Ca, P, Temp, Na, SiO2, K
4. For Nitrate
5. For Herbicides
6. For Pesticides
7. For Phenolics
8. For Coliform
9. For Radionuclides
10. For TOX

All sample bottles shall be labeled with:

Site Name:
Date:
Preservative:
Filtered: ✓ /Unfiltered: ✓
Sampler's Name: R. C. G. M.