

# EAGLE GAS STATION

5/21/03

STATIC WATER

SAMPLE TIME

FIELD ID

BP-2

6.87

A

BP-3

5.98

B

OUTFALL

5:11

C/D/E

HOMES

5:25

F

PAN

6:10

G/H

MW-A

6.38 / 14.3

I

7.05

BP-SR2

5.14 + 6.75

NAAL

# EAGLE GAS

5 SATX H<sub>2</sub>O TOTAL

6/12/03

DCW-3 4.90 10.8

OVERCAST  
70°F

STARTED PUMPING @ 2:15

| TIME | pH   | T(°C) | SPC (MS/CM) |
|------|------|-------|-------------|
| 2:15 | 5.87 | 11.73 | 0.641       |
| 2:25 | 5.92 | 11.67 | 0.645       |
| 2:40 | 5.91 | 11.58 | 0.651       |

2:45 COLLECTED 2 VPH + 1 EPH  
TOTAL PUMPED ≈ 18 QTS

DCW-2 5.79 11.40

3:10 6.61 12.93 0.116

3:14 6.67 13.52 3.18

WELL RAN DRY @ 3:15 AFTER 3 QTS

3:25 6.58 13.71 3.00

3:30 6.54 13.81 2.59

3:40 COLLECTED 2 VPH + 1 EPH  
TOTAL PUMPED ≈ 6 QTS

DCW-1 5.98 12.05

4:04 5.63 13.78 11.64

WELL RAN DRY @ 4:06 ≈ 2 QTS

4:50 COLLECTED 4 VPH + 2 EPH

TOTAL PUMPED ≈ 6 QTS

BP-SRL 4.80  
5.08 } 0.28  
product

## EQUIPMENT

HYDROLAB QUANTA WATER QUALITY METER

GLTECH GEPUMP 2

SOLINST INTERFACE METER

## NOTES

TEMP READINGS @ DCW-1 + DCW-2

INFLUENCED BY SLOW WITHDRAWAL + MODERATE  
OUTSIDE TEMPS.

FLOW THROUGH CUP FOR QUANTA  
CAKED W/ SILT. CLEANED @ 4:45.

COLLECTED EPH SAMPLE @ PAUL MALLEY'S  
@ 6:00

## BP-4

5.77 9.50

6:08 6.24 14.81 0.271

WELL RAN DRY @ 6:12 ≈ 0.5 QT

6:28 6.26 15.17 0.270

STOPPED PUMPING @ 6:30

STARTED AGAIN @ 7:05

7:05 5.51 12.14 0.263

7:08 5.44 12.01 0.263

COLLECTED 2 VPH + 1 EPH

|       | STATIC H <sub>2</sub> O | TOTAL |
|-------|-------------------------|-------|
| MW-A  | 5.82                    |       |
| KEI-4 | 4.16                    | 12.30 |
| BP-1  | 5.95                    | 13.45 |
| BP-2  | 6.14                    | 13.85 |
| BP-3  | 5.42                    | 13.52 |

NOTE: BP-2 HAD RED ANTS BELOW  
COVER W/ SIGNIFICANT DROPPINGS  
THAT HAD ADHERED TO  
DEDICATED POLY TUBING.

Location 131 MAIN ST, CARVER Date 4/6/05Project / Client CABLE GAS

TEMP

8:30<sup>am</sup> meet Mike Lonnors at Site  
60° F

|      | Static | Total | Began Pump | Quantity  | End Pump |
|------|--------|-------|------------|-----------|----------|
| BP-1 | 5.40   | 13.24 | 8:00       | 5 gallons | 8:50     |

slightly cloudy

4 VOA's - 2 Dups (DC-B)  
4 Amber Liters - 2 Dups (DC-B)

|      |      |       |      |           |      |
|------|------|-------|------|-----------|------|
| BP-2 | 5.00 | 13.70 | 8:05 | 5 gallons | 9:12 |
|------|------|-------|------|-----------|------|

cloudier than BP-1 2 VOA  
2 Amber Liters

|       |      |       |      |           |       |
|-------|------|-------|------|-----------|-------|
| DCW-8 | 5.60 | 13.60 | 9:33 | 4 gallons | 10:15 |
|-------|------|-------|------|-----------|-------|

slightly cloudy, some silt 2 Amber Liters

|       |      |       |      |          |       |
|-------|------|-------|------|----------|-------|
| DCW-5 | 3.64 | 11.50 | 9:45 | 2 gallon | 10:40 |
|-------|------|-------|------|----------|-------|

Problems pumping, lots of mud and silt

10:05 stop pumping to let well recharge

10:12 start again

DCW 10:16 stop to let recharge

10:31 Start again - smoother flow, more water

End @ 10:40

2 Amber Liters

Location

Date

Project / Client

|  | Static | Total | Began Pump | Quantity | End Pump |
|--|--------|-------|------------|----------|----------|
|--|--------|-------|------------|----------|----------|

|       |      |       |       |           |       |
|-------|------|-------|-------|-----------|-------|
| DCW-6 | 3.62 | 12.60 | 10:18 | 2 gallons | 10:45 |
|-------|------|-------|-------|-----------|-------|

Silty brownish, cloudy water  
2 Amber Liters

|       |      |       |       |           |       |
|-------|------|-------|-------|-----------|-------|
| DCW-3 | 4.51 | 11.00 | 11:10 | 5 gallons | 11:50 |
|-------|------|-------|-------|-----------|-------|

fairly clear water  
2 Amber Liters

|       |      |       |       |             |       |
|-------|------|-------|-------|-------------|-------|
| DCW-2 | 5.32 | 12.36 | 11:15 | 2.5 gallons | 12:05 |
|-------|------|-------|-------|-------------|-------|

cloudy, silty 2 VOA's  
2 Amber Liters

|       |      |       |       |           |      |
|-------|------|-------|-------|-----------|------|
| DCW-4 | 5.18 | 12.70 | 12:00 | 4 gallons | 1:00 |
|-------|------|-------|-------|-----------|------|

Silty, cloudy water

4 VOA's - 2 Dups (DCB) 4 Amber Liters - 2 Dups (DCB)

|       |      |       |       |  |  |
|-------|------|-------|-------|--|--|
| DCW-1 | 5.00 | 11.60 | 12:10 |  |  |
|-------|------|-------|-------|--|--|

12:15 Notice. pure product is being

pumped, decide to pump 10 more minutes to see if we hit water

12:25 still haven't hit water, shut off pump and take no samples

- can no longer measure water level depth at wells because device was contaminated here

Location \_\_\_\_\_ Date \_\_\_\_\_

Project / Client \_\_\_\_\_

12:51 Empty canister from ERW-1

- mostly water some product  
at the end  $\approx \frac{1}{2}$  liter

KEI-5 Begin Pump Total End Pump  
11:15

- after 40 minutes, decided pump  
was dry and moved on

1:10 Empty canister from ERW-2

- completely full of pure  
product

- disposed of all collected  
product in designated  
drum

Total Product Disposed of  $\approx 4.5$  gallons

DCW9

1:55

5 gallons

2:19

cloudy brown water

Location \_\_\_\_\_ Date \_\_\_\_\_

Project / Client \_\_\_\_\_

PCW-10 Begin Pump Total End Pump  
2:20 1 gallon 3:06

cloudy, silty

3:15 Visited South Meadow Brook

- checked on status of booms  
and pods

- took digital photographs

- pods might need replacing in a  
couple weeks, but overall water  
looks much clearer and cleaner  
than last visit

- booms in good shape for now  
(see digital photographs)