

# FAX COVER SHEET

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**Date:** 6/13/07

**Pages (incl. Cover)** 9

**Subject:** MWL field data.  
I'll have Bill McDonald  
check to see if any of  
his sites survive to this  
day

38.

# MWL Semi-Annual Sampling

7/27/92

IT: Tom Woodard, Jeffery Clark  
 NMED: John Hostet, Will Morris, David Bassett  
 Terrie McKenzie, Davy Hartman  
 SULA: Joshua Garcia (Escaft)

HOT, mostly cloudy, messy, & sticky  
 SW breeze.

## MWL - MW2

Sampled at 11:30 AM. Problems  
 getting thru security, so could not  
 watch purging at first 4-5  
 gallons.

SULA took samples for  
 S40, B270, Quid TOX Quid TOC  
 Sulphate, Cl, Metals (E. H. H. H.)  
 Red (Flow), phenols

Red makes: Gross x P (Sand: 1.100/2000)

Time	Vol	Temp	SC	pH	NTU
1102	0	—	—	—	—
1109	5	20.1	630	7.63	2.0
1114	6	20.6	631	7.64	0.6
1113	7	20.9	630	7.65	0.2
1119	10	20.9	631	7.69	2.5

Water color: colorless

Flow varied from 0.58 - 0.69 GPM

Std sampling, cat. vsp.

Non-volatile SALT would provide  
three small volumes prior to  
sampling. MUL-MUL, Tom  
Woodward indicated that they  
would not pump 3 wells &  
return today as a necessity  
to insure that we would be  
able to collect our full sample  
volume.

I indicated to Tom Woodward  
that I would sign ITS  
H&SP (tailgate) as a member of  
Country only. I am not  
obligated to follow ITS H&SP.  
Tom disagreed.

YSE Model 33  
SN E9002511

SC = 610 mhos, Temp = 25°C

SAL

J. Hestak took pH reading.

### MUL-MUL

Time	Vol	Temp	SC	pH	Req.
0912	0.03	20.7	662	7.32	1.0 MUL
—	0.80	—	—	—	3.2 MUL
0914	0.03	20.8	661	7.32	2.1 MUL
0915	8.05	20.8	661	—	—

Sampled at 0925

MWL - MWL3

7/28/92

7/28/92

Hot, partly cloudy, still.

SNLA: Same sampling parameters as  
MWL - MWL2.

Temp = 25°C

SC = 540  $\mu$ mKs

Sample time 12:30

Note: Duplicate taken as

MWL - MWL4

7/28/92 @ 1300 hrs

Run for VOCs

MWL - BWL

7/29/92

Hot, partly cloudy, gentle SW breeze.

IT: Jeffrey Clark, Tom Woodford

MWD: Will Alverts, Denny Kravner

Time	Vol	Temp	SC	pH	App.
12:23	1	18.6	0.147	7.63	
12:24	2	18.5	0.604	7.59	
12:25	3	19.0	0.605	7.57	
12:26	4	19.7	0.604	7.58	

Flow rate 0.87 GPM



MV MWL-K

- casing at surface 2" PVC
- protected casing 6" C.S. w/CD set below grade.
- surface seal looks OK.
- No evidence of leakage or seepage.
- bailer and sampled using clean plastic bucket.
- Well yield unknown.
- Pump time 11:45 → 12:39
- Pump vol 3 gal
- Well Yield Unknown
- Water is dirty, hi turbidity
- No grease/oil/unsual odors

SNLA-9

0422931239

April 26, 1983

NAME: Will Monty, Lee Wren, Ellen Schumaker  
 IT: Tom Woodard, Jeff Clark

WARM, clear, mod SW breeze.

EDOC #7

- Blanks prepared w/ DI H<sub>2</sub>O from SLD.

SNLA-10

0426930900

MWL-M12

- Well yield low
- No grease/oil/unsual odors
- 4" dia PVC well casing at surface
- 12" dia C.S. protected casing
- Surface seal looks OK
- No evidence of leakage or seepage.
- Sampled using Barnet pump, no gas Pumped Vent Friction, No pumping tubes prior to sampling well (except 1 SD but seal to reservoir H<sub>2</sub>O from below).
- Turbidity is low 28 NTU

SNLA-11

0426931155

April 26, 1993 cont.

EDOC #2 (Duplicate of MWL-MW2)

SNLA-12

0426931430

April 27, 1993

MARCUS RAY McLEOD, MWL starts

at 11:00 AM, Jeff Clark

Warm, partly cloudy, gentle SW breeze

MWL - MW1

- Well yield is low, purged dry
- 425 delay for tubing sampling
- No grease/pollutants observed
- 4" dia PVC casing at surface
- 12" dia C.S. ~~well~~ <sup>public</sup> casing
- Surface seal pots OK
- No evidence of tampering or damage
- Sampled using Bennett pump
- Tubing 1" at 41' at sampling
- Purged on FIRE 5 gal 4:20 PM to

Sampling

SNLA-12

0427931015

MWL - MW1

4/27/93

PH. SC Temp D.O.

7.40 55x10 23.5° 5.6

MWL - MW3

4/27/93

- low well yield.
- No grease/pollutants observed
- 4" dia PVC casing at surface
- 12" dia C.S. ~~well~~ <sup>public</sup> casing
- Casing is concrete pad, but surface
- Casing looks intact
- No evidence of tampering or damage
- Purged 150 PM gal on surface to

Sampling

Tubing 11.3' at time of sampling

Sampled using Bennett pump

SNLA-13

0427931300

MWL - MW3

PH. SC Temp D.O.

7.53 53x10 24.5 5.65 w/l

April 28, 1993

NMED: Will Moody, Lee Winn  
IT: J. H. Clark, Tom Woodard

Warm, partly cloudy, gentle wind west breeze.

MNL - BWD

- Low yield well. Pumped dry at about 10:15 - April
- 4" dia PVC casing at surface
- 12" dia C.S. protective casing
- No evidence of discharge or transpiration
- Sampled using Burnett Pump Pump
- Seal as so prior to sampling.
- No space for additional solids
- Turbidity < 2. Clean clear H<sub>2</sub>O.
- SNL# - 13
- 0428931145

April 29, 1993

NMED: Lee Winn, Will Moody  
IT: Eric Ross, Barb Matz

Cool, partly cloudy, mod SE breeze.

Schoolhouse well

- Reinstated old well. 5" C.S. casing at surface
- Protective casing 6" PVC and 8" C.S. concrete pad. Set about grade in west well. Old pump space removed.
- Yield unknown but probably good
- Surface seal looks OK
- No evidence of discharge or transpiration
- Pump and sample of water OK
- Burnett Pump
- Pump base given → 10:15
- Pump looks 50% full
- No evidence of discharge or transpiration
- Turbidity 1.5
- SNL# - 14

0119930940

GOLF SOUTH WOOD

- 3" PVC casing
- 5" C.S. protective casing
- Well yield unknown
- Surface seal looks OK
- No evidence of discharge or transpiration
- Turbidity 1.5
- SNL# - 15



FIELD TEST	FIELD TEST	FIELD TEST	FIELD TEST	FIELD TEST
DISS. O2	pH	ALKALINTY	CONDUCT	TEMP
mg/L		mg/L	micromhos	Deg. C

CWLBW3	7.2	7.35	246	980	21.8
BURNSITE WELL	1	6.71	234	700	18.5
GREYSTONE	2.8	6.82	346	800	19.9
SWTA3	5.3	7	206	300	18.8
KAFB10	5.8	6.5	NS	448	19.75
MVMWJ	7.3	8.03	104	180	21
MVMWK	4.8	7.75	118	473	23
MWLBW1	6.8	7.62	291	570	22.5
SCHOOLHOUSE	5.1	6.87	490	500	20
GOLFCOURSE	8.4	7.31	177	570	24.2
TJERASEAST	7.5	7.3	190	500	23
LFD02	NS	7.48	118	330	21
SFR2S	7.6	6.93	375	990	19.8
SFR1	6.6	6.64	590	1210	23
COYOTESPRING	2.4	5.78	896	2120	12.9
SOLSEMETESPRI	6	6.91	244	490	11
HUBBELSPRING	4.19	6.5	192	620	12.8
KAFB1	NS	6.3	158	390	22
KAFB2	NS	6.5	151	241	21
KAFB3	NS	6.3	127	405	21.5
KAFB11	NS	6.3	200	500	24.2
KAFB13	NS	7	102	363	22
KAFB14	2.9	6.5	101	326	25
FIREHOUSE	NS	6.2	248	610	23.8
SOR	NS	6.5	203	550	18
HERTF	4.4	7.05	193	600	21
NWTA3	5.4	6.45	152	500	29
EODHILL	3	6.13	2150	4000	20
LFD01	5.8	6.89	162	328	23
GSPRING	5.1	6.26	910	1620	15
LAKECHRISTIAN	1.8	6.54	580	1250	18.5
TJERASWEST	6.9	6.34	112	346	20.5
SFR3S	5.9	6.7	393	510	19
TA2NW1595	6.6	6.9	192	285	18.4
I28SHALLOW	6.15	7.19	198	229	22
RIDGECREST1	9.1	7.15	106	198	12.5
RIDGECREST3	5	7.44	116	126	12
ITRIMW2	7.2	7.6	138	510	16

sample done  
4/28/93

From Appendix B, Background Groundwater Quality of the  
 Kirtland Air Force Base Area, Bernalillo County, New Mexico, January 1995,  
 NRI/O/DOE/AEP-95/4