

# 2006 Monitoring Schedule

CDPHE - WQCD

CO0207504 MEADOW MOUNTAIN WS

County: BOULDER

Source: Surface Water

Type: Community Public

## Total Coliform Sample Schedule

Analyte Name	Analyte Code	Sampling Period	Sample Requirements
Total Coliform	3100	1/1 to 12/31	1 per MN

## Grouped Chemical Analyte Sample Schedules

FACILITY 001	TYPE TP MEADOW MTN SWTP01	SAMPLE PT 001	TYPE EP
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FLUORIDE	Period Begin	1/1/2006	Period End	12/31/2006
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Analyte Name	Analyte Code	Sampling Period	Sample Required	Assigned Year
FLUORIDE	1025		1 per YR	2006

INORGANICS	Period Begin	1/1/2006	Period End	12/31/2006
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Analyte Name	Analyte Code	Sampling Period	Sample Required	Assigned Year
ANTIMONY	1074		1 per YR	2006
ARSENIC	1005		1 per YR	2006
BARIUM	1010		1 per YR	2006
BERYLLIUM	1075		1 per YR	2006
CADMIUM	1015		1 per YR	2006
CHROMIUM	1020		1 per YR	2006
MERCURY	1035		1 per YR	2006
NICKEL	1036		1 per YR	2006
SELENIUM	1045		1 per YR	2006
SODIUM	1052		1 per YR	2006
THALLIUM	1085		1 per YR	2006

NITRATE	Period Begin	1/1/2006	Period End	12/31/2006
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Analyte Name	Analyte Code	Sampling Period	Sample Required	Assigned Year
NITRATE (AS N)	1040		1 per YR	2006

MPA RAW & FINISHED	Period Begin	1/1/2005	Period End	12/31/2007
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Analyte Name	Analyte Code	Sampling Period	Sample Required	Assigned Year
MPA WTP RAW AND FINISHED	MPA1	4/1 to 6/30	1 per 3Y	2006

## Disinfection By-Products Rule Sample Schedules

FACILITY DS001	TYPE DS DISTRIBUTION SYSTEM	SAMPLE PT MAXRES1	TYPE MR
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DBP	Period Begin	1/1/2006	Period End	12/31/2006
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Analyte Name	Analyte Code	Sampling Period	Sample Required	Assigned Year
TOTAL HALOACETIC ACIDS (HAA5)	2456	8/1 to 8/31	1 per YR	2006
TOTAL TRIHALOMETHANES (TTHM)	2950	8/1 to 8/31	1 per YR	2006

## Disinfection By-Products Rule Facility Analyte Levels

FAVED  
5-14-06

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #0207504)  
Sample Name: Fouts  
Sample Matrix: Water/RTOR  
Sample Number: 602307  
Sample Date: 05/08/06  
Date Received: 05/08/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
MICROBIOLOGY				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	05/08/06

Values are reported in colony forming units/100 ml.



Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water  
Sample Number: 602757  
Sample Date: 06/01/06  
Date Received: 06/01/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
<b>MICROBIOLOGY</b>				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	06/01/06

Values are reported in colony forming units/100 ml.

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water/RTOR  
Sample Number: 603491  
Sample Date: 07/06/06  
Date Received: 07/06/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
<b>MICROBIOLOGY</b>				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	07/06/06

Values are reported in colony forming units/100 ml.

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water/RTOR  
Sample Number: 604173  
Sample Date: 08/03/06  
Date Received: 08/03/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
MICROBIOLOGY				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	08/03/06

Values are reported in colony forming units/100 ml.

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water/RTOR  
Sample Number: 604994  
Sample Date: 09/07/06  
Date Received: 09/07/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
<b>MICROBIOLOGY</b>				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	09/07/06

Values are reported in colony forming units/100 ml.

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water/RTOR  
Sample Number: 605609  
Sample Date: 10/02/06  
Date Received: 10/02/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
MICROBIOLOGY				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	10/02/06

Values are reported in colony forming units/100 ml.

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water/RTOR  
Sample Number: 606225  
Sample Date: 11/02/06  
Date Received: 11/02/06  
Analysts: CNH

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PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
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**MICROBIOLOGY**

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Total Coliform (CFU/100 ml)	Absent	1	Readycult	11/02/06
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Values are reported in colony forming units/100 ml.

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016  
Sample Name: Fouts  
Sample Matrix: Water  
Sample Number: 607076  
Sample Date: 12/11/06  
Date Received: 12/11/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
<b>MICROBIOLOGY</b>				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	12/11/06

Values are reported in colony forming units/100 ml.

**COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT**  
**MONTHLY OPERATIONAL REPORT - Summary Sheet**  
**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

December  
Month

2006  
Year

**I. DEMOGRAPHICS SECTION**

PWSID#: CO-0207504

System Name: Meadow Mountain WS

Plant ID #: \_\_\_\_\_

Plant Address: \_\_\_\_\_  
Street

Altenpark  
City

CO 80510  
Zip

County: Boulder

Population Served: \_\_\_\_\_

Responsible Party: Stephen L. Tedford

*\* I certify that the information submitted in this form was obtained by myself or other individuals under my direction or supervision and that the information, to the best of my knowledge and belief, is true, accurate and complete. \**

**II. TURBIDITY SECTION [Slow Sand, Diatomaceous Earth, Other (i.e., Bag Filter)]**

☐ Check if Plant is Off the Entire Month

	NO. OF SAMPLES	% OF TOTAL SAMPLES
A. TOTAL NUMBER OF TURBIDITY ANALYSES PERFORMED	<u>31</u>	
B. NUMBER OF TURBIDITY ANALYSES $\leq 1$ NTU	<u>31</u>	<u>100%</u>
C. NUMBER OF TURBIDITY ANALYSES $> 5$ NTU	<u>0</u>	

HIGHEST TURBIDITY READING OF THE MONTH .54

**D. INDIVIDUAL TURBIDITY CHECKLIST (For Direct or Conventional Only)**

1. IS TURBIDITY FROM EACH INDIVIDUAL FILTER RECORDED EVERY 15 MINUTES? ☐ YES ☐ NO

2. DID ANY SINGLE FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 3.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST MONTH?

☐ NO, Go to Question 3.

☐ YES, Schedule Comprehensive Performance Evaluation (CPE) with 30 Days.

3. DID ANY SINGLE FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST 2 MONTHS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Self-assessment completed? \_\_\_\_\_

4. DID ANY SINGLE FILTER EXCEED 0.5 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS AT THE END OF 4 HRS OF OPERATION?

☐ NO, You are finished with the checklist

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

**\*\* NOTE: If any of the above questions are checked "YES", you must complete IESWTR Form 2 and submit to WQCD along with this form\*\***

**III. CHLORINATION SECTION**

☐ FREE ☐ TOTAL

A. NO. OF CHLORINE RESIDUAL SAMPLES $< 0.2$ mg/L:	<u>0</u>
B. NO. OF CHLORINE RESIDUAL SAMPLES TAKEN FROM DIST. SYSTEM:	<u>31</u>
C. NO. IN DISTRIBUTION SYSTEM WHERE NO CHLORINE WAS DETECTED:	<u>0</u>
D. % OF SAMPLES WHERE NO CHLORINE WAS DETECTED:	<u>0</u>

WAS % IN "D"  $> 5\%$  IN THE PREVIOUS MONTH: ☐ YES ☒ NO

**\*\*\* NOTE: If answer to above question is "YES" and percentage for current month is also  $> 5\%$ , this is a Treatment Technique (TT) violation\*\*\***



**MONTHLY OPERATIONAL REPORT - Data Sheet**  
**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

*Meadow Mountain NS*

Required Number of Turbidity Readings Per Day: 1

PWSID #: 00-0207504

DAY	TURBIDITY (NTU)								RESIDUAL DISINFECTANT (mg/L)						12. COMMENTS	
	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling								<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling							
	12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12	HIGHEST TURBIDITY READING	TIME TURBIDITY READ	ENTRY POINT TO DISTRIBUTION							LOWEST RESIDUAL READING
									12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12		
1				.35			.35	2:45P				.8			.8	
2				.39			.39	3:00P				.8			.8	
3					.42	.42	.42	10:00P				.8		.8	.8	
4					.44		.44	5:15P					.8		.8	
5				.30			.30	2:00P				.8			.8	
6				.31			.31	1:00P				.8			.8	
7				.30			.30	3:00P				.7			.7	
8				.27			.27	2:00P				.6			.6	
9					.26		.26	1:00P					.8		.8	
10					.22		.22	4:10P					.7		.7	
11			.54				.54	9:00A			.9				.9	
12				.32			.32	3:00P				.7			.7	
13				.44			.44	3:30P				.9			.9	
14			.34				.34	11:15A			.9				.9	
15			.35				.35	10:45A			1.0				1.0	
16			.33				.33	11:30A			1.0				1.0	
17					.28		.28	7:00P					1.0		1.0	
18				.78			.78	1:45P				.9			.9	
19					.24		.24	4:30P					1.0		1.0	
20			.36				.36	11:15A			.9				.9	
21				.39			.39	3:40P				.9			.9	
22			.26				.26	10:45A			.7				.7	
23						.78	.78	3:15P						1.5	.5	
24				.26			.26	12:30P			.9				.9	
25					.34		.34	4:50P					.8		.8	
26					.35		.35	4:00P					.8		.8	
27				.41			.41	12:30P				.9			.9	
28				.78			.78	2:15P				.8			.8	
29						.36	.36	5:15						.5	.5	
30					.78		.78	6:00					.8		.8	
31			.21				.21	10:15A			.8				.8	

\*\*\*If at Any Time the combined filter effluent turbidity exceeds 5 NTU (>5.49), the state must be notified as soon as possible, but not later than the end of the next business day.\*\*\*

Client Name: Meadow L.untain Water Company  
Project Number: 1115-016  
Sample Name: Fouts  
Sample Matrix: Water  
Sample Number: 607076  
Sample Date: 12/11/06  
Date Received: 12/11/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
<b>MICROBIOLOGY</b>				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	12/11/06

Values are reported in colony forming units/100 ml.

**MRDL Form 2**  
**Quarterly Reporting Form for Chlorine and Chloramines Maximum Residual Disinfectant Level Running Annual Average (RAA)**

PWSID #: CO-0207504 SYSTEM NAME: Meadow Mountain WS DATE: \_\_\_\_\_

PREPARED BY: Stephen Tedford TITLE: Plant Operator

AUTHORIZED SIGNATURE: [Signature] TITLE: " "

POPULATION SERVED: 48

VIOLATION?: ☐

Number of Samples Taken: Month 1: / Month 2: / Month 3: /

		Column A	Column B	Column C
Month	Year	Monthly Average Chlorine or Chloramines (mg/L)	Quarterly Average Chlorine or Chloramines (mg/L)	Running Annual Average Chlorine or Chloramines (mg/L)
January	20____			
February	20____			
March	20____		Q1 =	
April	20____			
May	20____			
June	20____		Q2 =	
July	20____			
August	20____			
September	20____		Q3 =	
October	20 <u>04</u>	<u>.75</u>		
November	20 <u>06</u>	<u>.7</u>		
December	20 <u>04</u>	<u>.8</u>	Q4 = <u>.75</u>	
Running Annual Average =				

**LABORATORY REPORTING FORMS MUST BE AVAILABLE UPON REQUEST**

**Instructions on Reverse**

2004

Quarterly Reporting Form for Drinking Water System Residual Disinfection

PWSID #: CO-0207504 SYSTEM NAME: Meadow Mountain WS DATE: \_\_\_\_\_  
PREPARED BY: Stephen Tedford TITLE: Plant Operator  
AUTHORIZED SIGNATURE: [Signature] TITLE: " "  
POPULATION SERVED: 48 VIOLATION?: ☐

Number of Samples Taken: Month 1: 1 Month 2: 1 Month 3: 1

		Column A	Column B	Column C
Month	Year	Monthly Average Chlorine or Chloramines (mg/L)	Quarterly Average Chlorine or Chloramines (mg/L)	Running Annual Average Chlorine or Chloramines (mg/L)
January	20 <u>04</u>	.5		
February	20 <u>04</u>	.7		
March	20 <u>04</u>	.8	Q1 = .4	
April	20 <u>04</u>	.8		
May	20 <u>04</u>	.7		
June	20 <u>04</u>	1.0	Q2 = .8	
July	20 <u>04</u>	.9		
August	20 <u>04</u>	.8		
September	20 <u>04</u>	.8	Q3 = .8	
October	20 <u>04</u>	.75		
November	20 <u>04</u>	.7		
December	20 <u>04</u>	.8	Q4 = .75	
Running Annual Average				

LABORATORY REPORTING FORMS MUST BE AVAILABLE UPON REQUEST

Instructions on Reverse

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
MONTHLY OPERATIONAL REPORT - Summary Sheet  
SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION

November  
Month

2006  
Year

I. DEMOGRAPHICS SECTION

PWSID#: CO-0207504

System Name: Meadow Mountain WS

Plant ID #: \_\_\_\_\_

Plant Address: \_\_\_\_\_  
Street

Allenspark  
City

80510  
Zip

County: Boulder

Population Served: 100

Responsible Party: Stephen Tedford

\* I certify that the information submitted in this form was obtained by myself or other individuals under my direction or supervision and that the information, to the best of my knowledge and belief, is true, accurate and complete. \*

II. TURBIDITY SECTION [Slow Sand, Diatomaceous Earth, Other (i.e., Bag Filter)]

☐ Check if Plant is Off the Entire Month

	NO. OF SAMPLES	% OF TOTAL SAMPLES
A. TOTAL NUMBER OF TURBIDITY ANALYSES PERFORMED	<u>30</u>	
B. NUMBER OF TURBIDITY ANALYSES $\leq 1$ NTU	<u>30</u>	<u>100%</u>
C. NUMBER OF TURBIDITY ANALYSES $> 5$ NTU	<u>e</u>	

HIGHEST TURBIDITY READING OF THE MONTH 57

D. INDIVIDUAL TURBIDITY CHECKLIST (For Direct or Conventional Only)

1. IS TURBIDITY FROM EACH INDIVIDUAL FILTER RECORDED EVERY 15 MINUTES? ☐ YES ☐ NO
2. DID ANY SINGLE FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?  
☐ NO, Go to Question 3.  
☐ YES, What date was the Filter Profile completed? \_\_\_\_\_  
DID THIS SAME FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST MONTH?  
☐ NO, Go to Question 3.  
☐ YES, Schedule Comprehensive Performance Evaluation (CPE) with 30 Days.
3. DID ANY SINGLE FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?  
☐ NO, Go to Question 4.  
☐ YES, What date was the Filter Profile completed? \_\_\_\_\_  
DID THIS SAME FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST 2 MONTHS?  
☐ NO, Go to Question 4.  
☐ YES, What date was the Filter Self-assessment completed \_\_\_\_\_
4. DID ANY SINGLE FILTER EXCEED 0.5 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS AT THE END OF 4 HRS OF OPERATION?  
☐ NO, You are finished with the checklist  
☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

\*\* NOTE: If any of the above questions are checked "YES", you must complete IESWTR Form 2 and submit to WQCD along with this form\*\*

III. CHLORINATION SECTION

☒ FREE ☐ TOTAL

A. NO. OF CHLORINE RESIDUAL SAMPLES $< 0.2$ mg/L:	<u>e</u>
B. NO. OF CHLORINE RESIDUAL SAMPLES TAKEN FROM DIST. SYSTEM:	<u>30</u>
C. NO. IN DISTRIBUTION SYSTEM WHERE NO CHLORINE WAS DETECTED:	<u>e</u>
D. % OF SAMPLES WHERE NO CHLORINE WAS DETECTED:	<u>e</u>

WAS % IN "D"  $> 5\%$  IN THE PREVIOUS MONTH: ☐ YES ☒ NO

\*\*\* NOTE: If answer to above question is "YES" and percentage for current month is also  $> 5\%$ , this is a Treatment Technique (TT) violation\*\*\*



November 2004

**MONTHLY OPERATIONAL REPORT - Data Sheet**  
**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

Meadow Mountain  
WSRequired Number of Turbidity Readings Per Day: 1

PWSID #: 00-0207504

DAY	TURBIDITY (NTU)								RESIDUAL DISINFECTANT (mg/L)								12. COMMENTS
	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling								<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling								
	12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12	HIGHEST TURBIDITY READING	TIME TURBIDITY READ	ENTRY POINT TO DISTRIBUTION						LOWEST RESIDUAL READING		
									12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12			
1			.23				.23	9:30A			.8				.8		
2			.26				.26	11:00A			.9				.9		
3				.31			.31	2:30P				.8			.8		
4			.52				.52	1:30P				.8			.8		
5					.24		.24	6:40P					.7		.7		
6						.37	.37	8:15P						.7	.7		
7					.39		.39	4:15P					.5		.5		
8				.51			.51	2:30P				.16			.6		
9			.27				.27	3:00P				.5			.5		
10					.37		.37	4:15P					.6		.6		
11				.31			.31	12:00P				.7			.7		
12				.29			.29	12:15P				.7			.7		
13					.42		.42	5:30P					.6		.6		
14					.41		.41	4:30P					.5		.5		
15				.38			.38	12:10P				.5			.5		
16					.20		.20	4:30P					.8		.8		
17			.46				.46	11:30A			.8				.8		
18				.42			.42	3:30P				.7			.7		
19					.53		.53	5:40P					.7		.7		
20					.36		.36	5:10P					.8		.8		
21			.72				.72	4:30P			.7				.7		
22			.25				.25	9:40A			.9				.9		
23					.34		.34	6:30P					.8		.8		
24						.36	.36	10:30P						.8	.8		
25				.22			.22	3:00P			.8				.8		
26			.17				.17	10:30A			.9				.8		
27					.38		.38	5:15P					.9		.9		
28				.40			.40	3:00P				.9			.9		
29					.36		.36	5:00P					.8		.8		
30				.35			.35	3:00P				.8			.7		
31																	

\*\*\*If at Any Time the combined filter effluent turbidity exceeds 5 NTU (>5.49), the state must be notified as soon as possible, but not later than the end of the next business day.\*\*\*

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water/RTOR  
Sample Number: 606225  
Sample Date: 11/02/06  
Date Received: 11/02/06  
Analysts: CNH

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PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
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**MICROBIOLOGY**

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Total Coliform (CFU/100 ml)	Absent	1	Readycult	11/02/06
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Values are reported in colony forming units/100 ml.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
MONTHLY OPERATIONAL REPORT - Summary Sheet

**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

October

Month

2006

Year

**I. DEMOGRAPHICS SECTION**

PWSID#:

CO-0207504

System Name:

Meadow Mountain WS

Plant ID #:

Plant Address:

?

Street

Allenspark

City

80570

Zip

County:

Boulder

Population Served:

100

Responsible Party:

Stephen Tedford

\* I certify that the information submitted in this form was obtained by myself or other individuals under my direction or supervision and that the information, to the best of my knowledge and belief, is true, accurate and complete. \*

**II. TURBIDITY SECTION [Slow Sand, Diatomaceous Earth, Other (i.e., Bag Filter)]**

☐ Check if Plant is Off the Entire Month

	NO. OF SAMPLES	% OF TOTAL SAMPLES
A. TOTAL NUMBER OF TURBIDITY ANALYSES PERFORMED	<u>31</u>	
B. NUMBER OF TURBIDITY ANALYSES $\leq$ 1 NTU	<u>30</u>	<u>100%</u>
C. NUMBER OF TURBIDITY ANALYSES $>$ 5 NTU	<u>0</u>	

HIGHEST TURBIDITY READING OF THE MONTH

45

**D. INDIVIDUAL TURBIDITY CHECKLIST (For Direct or Conventional Only)**

1. IS TURBIDITY FROM EACH INDIVIDUAL FILTER RECORDED EVERY 15 MINUTES? ☐ YES ☐ NO

2. DID ANY SINGLE FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 3.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST MONTH?

☐ NO, Go to Question 3.

☐ YES, Schedule Comprehensive Performance Evaluation (CPE) with 30 Days.

3. DID ANY SINGLE FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST 2 MONTHS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Self-assessment completed? \_\_\_\_\_

4. DID ANY SINGLE FILTER EXCEED 0.5 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS AT THE END OF 4 HRS OF OPERATION?

☐ NO, You are finished with the checklist

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

\*\* NOTE: If any of the above questions are checked "YES", you must complete IESWTR Form 2 and submit to WQCD along with this form\*\*

**III. CHLORINATION SECTION**

☒ FREE

☐ TOTAL

A. NO. OF CHLORINE RESIDUAL SAMPLES $<$ 0.2 mg/L:	<u>0</u>
B. NO. OF CHLORINE RESIDUAL SAMPLES TAKEN FROM DIST. SYSTEM:	<u>31</u>
C. NO. IN DISTRIBUTION SYSTEM WHERE NO CHLORINE WAS DETECTED:	<u>0</u>
D. % OF SAMPLES WHERE NO CHLORINE WAS DETECTED:	<u>0</u>

WAS % IN "D"  $>$  5% IN THE PREVIOUS MONTH:

☐ YES

☒ NO

\*\*\* NOTE: If answer to above question is "YES" and percentage for current month is also  $>$  5%, this is a Treatment Technique (TT) violation\*\*\*



OCTOBER 2006

**MONTHLY OPERATIONAL REPORT - Data Sheet**  
**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

Meadow Mountain

Required Number of Turbidity Readings Per Day: 1PWSID #: 010207504

DAY	TURBIDITY (NTU)							RESIDUAL DISINFECTANT (mg/L)							12. COMMENTS	
	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling						HIGHEST TURBIDITY READING	TIME TURBIDITY READ	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling							LOWEST RESIDUAL READING
	12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12			ENTRY POINT TO DISTRIBUTION							
									12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12		
1				.26			.26	1:20P				.8			.8	
2			.22				.22	3:05A			.9				.9	
3				.30			.30	3:45P				.5			.5	
4				.26			.26	3:20P				.7			.7	
5			.37				.37	11:30A			.7				.7	
6					.38		.38	4:30P				.8			.8	
7					.44		.44	4:00P				.5			.5	
8				.32			.32	1:00P				.7			.7	
9					.45		.45	5:30P				.7			.7	
10			.33				.33	11:45A			.6				.6	
11					.31		.31	4:15P				.6			.6	
12			.38				.38	11:30A			.7				.7	
13					.44		.44	4:30P				.5			.5	
14				.37			.37	4:20P				.9			.9	
15				.25			.25	1:40P				1.0			1.0	
16					.32		.32	5:15P				.7			.7	
17				.31			.31	3:05P				.8			.8	
18				.33			.33	3:45P				.9			.8	
19			.26				.26	11:15A			.5				.5	
20				.23			.23	1:30P				.8			.8	
21				.24			.24	1:15P				.9			.9	
22			.23				.23	10:30A			1.0				1.0	
23					.29		.29	4:30P				.7			.7	
24			.25				.25	11:30A			.8				.8	
25					.30		.30	4:30P				.7			.7	
26				.26			.26	2:45P				.6			.8	
27				.25			.25	2:30P				.9			.9	
28				.25			.25	2:45P				.9			.9	
29			.22				.22	10:50A			.9				.9	
30					.31		.31	5:00P				.8			.8	
31				.28			.28	2:15P				.9			.9	

\*\*\*If at Any Time the combined filter effluent turbidity exceeds 5 NTU (>5.49), the state must be notified as soon as possible, but not later than the end of the next business day.\*\*\*



Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water/RTOR  
Sample Number: 605609  
Sample Date: 10/02/06  
Date Received: 10/02/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
MICROBIOLOGY				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	10/02/06

Values are reported in colony forming units/100 ml.

**COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT**

**MONTHLY OPERATIONAL REPORT - Summary Sheet**

**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

September  
Month

2006  
Year

**I. DEMOGRAPHICS SECTION**

PWSID#: CO-0209504

System Name: Meadow Mountain W.S.

Plant ID #: \_\_\_\_\_

Plant Address: \_\_\_\_\_  
Street

Collins Park 80570  
City Zip

County: Boulder

Population Served: \_\_\_\_\_

Responsible Party: Stephen Tedford

Daytime Phone: 303-747-2066

*\* I certify that the information submitted in this form was obtained by myself or other individuals under my direction or supervision and that the information, to the best of my knowledge and belief, is true, accurate and complete. \**

**II. TURBIDITY SECTION [Slow Sand, Diatomaceous Earth, Other (i.e., Bag Filter)]**

☐ Check if Plant is Off the Entire Month

	NO. OF SAMPLES	% OF TOTAL SAMPLES
A. TOTAL NUMBER OF TURBIDITY ANALYSES PERFORMED	30	
B. NUMBER OF TURBIDITY ANALYSES $\leq 1$ NTU	30	100%
C. NUMBER OF TURBIDITY ANALYSES $> 5$ NTU	0	

HIGHEST TURBIDITY READING OF THE MONTH .49

**D. INDIVIDUAL TURBIDITY CHECKLIST (For Direct or Conventional Only)**

1. IS TURBIDITY FROM EACH INDIVIDUAL FILTER RECORDED EVERY 15 MINUTES? ☐ YES ☐ NO

2. DID ANY SINGLE FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 3.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST MONTH?

☐ NO, Go to Question 3.

☐ YES, Schedule Comprehensive Performance Evaluation (CPE) with 30 Days.

3. DID ANY SINGLE FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST 2 MONTHS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Self-assessment completed? \_\_\_\_\_

4. DID ANY SINGLE FILTER EXCEED 0.5 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS AT THE END OF 4 HRS OF OPERATION?

☐ NO, You are finished with the checklist

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

**\*\* NOTE: If any of the above questions are checked "YES", you must complete IESWTR Form 2 and submit to WQCD along with this form \*\***

**III. CHLORINATION SECTION**

☒ FREE ☐ TOTAL

A. NO. OF CHLORINE RESIDUAL SAMPLES $< 0.2$ mg/L:	0
B. NO. OF CHLORINE RESIDUAL SAMPLES TAKEN FROM DIST. SYSTEM:	30
C. NO. IN DISTRIBUTION SYSTEM WHERE NO CHLORINE WAS DETECTED:	0
D. % OF SAMPLES WHERE NO CHLORINE WAS DETECTED:	0

WAS % IN "D"  $> 5\%$  IN THE PREVIOUS MONTH: ☐ YES ☒ NO

**\*\*\* NOTE: If answer to above question is "YES" and percentage for current month is also  $> 5\%$ , this is a Treatment Technique (TT) violation \*\*\***

September 2004

MONTHLY OPERATIONAL REPORT - Data Sheet  
SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION

Meadow Mountain

Required Number of Turbidity Readings Per Day: 1

PWSID #: 60-0207504

DAY	TURBIDITY (NTU)								RESIDUAL DISINFECTANT (mg/L)								12. COMMENTS
	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling								<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling								
	12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12	HIGHEST TURBIDITY READING	TIME TURBIDITY READ	ENTRY POINT TO DISTRIBUTION						LOWEST RESIDUAL READING		
									12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12			
1					.19		.19	5:00P					1.0		1.0		
2				.30			.30	1:30P				1.0			1.0		
3			.35				.35	10:30A			1.0				1.0		
4				.32			.32	2:00P				1.0			1.0		
5					.31		.31	4:07P					.9		.9		
6					.48		.48	4:30P					.9		.9		
7				.27			.27	12:15P				.8			.8		
8				.18			.18	2:30P				.9			.9		
9				.25			.25	3:45P				.8			.8		
10				.22			.22	1:00P				1.0			1.0		
11					.25		.25	5:30P					.8		.8		
12				.26			.26	2:15P				.9			.9		
13				.26			.26	3:00P				.9			.9		
14			.32				.32	11:30A			.9				.9		
15					.22		.22	4:45P					.7		.7		
16				.35			.35	1:45P				.8			.8		
17				.23			.23	3:30P				.8			.8		
18					.41		.41	4:40P					.9		.9		
19				.40			.40	1:15P				.8			.8		
20				.33			.33	2:30P				.8			.8		
21			.40				.40	11:00A			.9				.9		
22					.36		.36	4:30P					.9		.9		
23					.41		.41	6:30P					.7		.7		
24				.20			.20	1:40P				.8			.8		
25					.23		.23	4:45P					.7		.7		
26				.20			.20	1:00P				.8			.8		
27					.19		.19	4:10P					.7		.7		
28				.35			.35	12:10P				.8			.8		
29				.31			.31	3:50P				.7			.7		
30					.49		.49	4:30P					.6		.6		
31																	

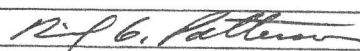
\*\*\*If at Any Time the combined filter effluent turbidity exceeds 5 NTU (>5.49), the state must be notified as soon as possible, but not later than the end of the next business day.\*\*\*

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water/RTOR  
Sample Number: 604994  
Sample Date: 09/07/06  
Date Received: 09/07/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
<b>MICROBIOLOGY</b>				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	09/07/06

Values are reported in colony forming units/100 ml.

**DBP Form 1 - Total Trihalomethane Analysis Laboratory Report Form**

Section I (to be completed by the Public Water Systems only)						Section II (to be completed by Laboratories only)				
Public Water System Information						Laboratory Information				
PWSID # CO-0207504										
System Name: Meadow Mountain Water Company						Laboratory Name: Stewart Environmental Consultants, Inc.				
Address: P.O. Box 162, Allenspark, CO 80510						Contact Person: Richard G. Patterson		Phone #: (970) 226-5500		
Contact Person: Steve Tedford Phone #: (303) 747-2066						Comments:				
<div style="display: flex; justify-content: space-between;"> <div>System Authorized Signature</div> <div>Title</div> <div>Date</div> </div>						<div style="display: flex; justify-content: space-between;"> <div>   Laboratory Authorized Signature </div> <div>Title</div> <div>Date</div> </div>				
PWS to complete first 3 columns			Laboratories to complete columns 4-6 and 8-11							
Sample Date	Collector	Sample Location Designation #	Date Lab Received	Date Lab Analyzed	Laboratory Sample ID #	Analyte	Analytical Method	µg/L Blank Result	µg/L Lab MDL	µg/L Result
8/3/06	Steve Tedford	Opermann	8/3/06	08/15/06	604174	Chloroform	524.2	BDL	2.0	34.6
						Bromoform	524.2	BDL	2.0	BDL
						Bromodichloromethane	524.2	BDL	2.0	2.6
						Dibromochloromethane	524.2	BDL	2.0	BDL
						TTHMs				37.2
Sample Date	Collector	Sample Location Designation #	Date Lab Received	Date Lab Analyzed	Laboratory Sample ID #	Analyte	Analytical Method	µg/L Blank Result	µg/L Lab MDL	µg/L Result
						Chloroform				
						Bromoform				
						Bromodichloromethane				
						Dibromochloromethane				
						TTHMs				
Sample Date	Collector	Sample Location Designation #	Date Lab Received	Date Lab Analyzed	Laboratory Sample ID #	Analyte	Analytical Method	µg/L Blank Result	µg/L Lab MDL	µg/L Result
						Chloroform				
						Bromoform				
						Bromodichloromethane				
						Dibromochloromethane				
						TTHMs				
Sample Date	Collector	Sample Location Designation #	Date Lab Received	Date Lab Analyzed	Laboratory Sample ID #	Analyte	Analytical Method	µg/L Blank Result	µg/L Lab MDL	µg/L Result
						Chloroform				
						Bromoform				
						Bromodichloromethane				
						Dibromochloromethane				
						TTHMs				

Instructions on Reverse



Colorado Department of Public Health and Environment - Water Quality Control Division  
Drinking Water Program - Compliance Assurance and Data Management Unit  
4300 Cherry Creek Drive South, Denver, CO 80246-1530

DBP Form 2 - Haloacetic Acid (HAA5) Analysis Laboratory Report Form

Section I (to be completed by the Public Water Systems only)						Section II (to be completed by Laboratories only)				
Public Water System Information						Laboratory Information				
PWSID # CO-0207504						Laboratory Name ENERGY LABORATORIES, INC.				
System Name: Meadow Mountain Water Company						Contact Person: ROGER GARYNG   Phone #: 888-235-0515				
Address: P.O. Box 162, Allenspark, CO 80510						Comments: <i>R.A. Garyng</i>				
Contact Person: Steve Tedford   Phone #: (303) 747-2066						Laboratory Authorized Signature <i>R.A. Garyng</i> Title BRANCH MGR. Date 8/14/06				
System Authorized Signature _____ Title _____ Date _____						Laboratory Authorized Signature _____ Title BRANCH MGR. Date 8/14/06				
PWS to complete first 3 columns			Laboratory to complete columns 4-6 and 8-11							
Sample Date	Collector	Sample Location Designation #	Date Lab Received	Date Lab Analyzed	Laboratory ID #	Analyte	Analytical Method	µg/L Blank Result	µg/L Lab MDL	µg/L Result
08/03/06	Steve Tedford	Opermann	08/04/06	08/10/06	CO080210-001	Monochlo. Acid	E552.2	BDL	0.75	0.99
						Monobro. Acid			0.50	BDL
						Dichlor. Acid			0.75	15.8
						Trichlor. Acid			0.50	10.4
						Dibromo. Acid			0.25	BDL
						Total HAA5s				27.2
Sample Date	Collector	Sample Location Designation #	Date Lab Received	Date Lab Analyzed	Laboratory ID #	Analyte	Analytical Method	µg/L Blank Result	µg/L Lab MDL	µg/L Result
						Monochlo. Acid				
						Monobro. Acid				
						Dichlor. Acid				
						Trichlor. Acid				
						Dibromo. Acid				
						Total HAA5s				
Sample Date	Collector	Sample Location Designation #	Date Lab Received	Date Lab Analyzed	Laboratory ID #	Analyte	Analytical Method	µg/L Blank Result	µg/L Lab MDL	µg/L Result
						Monochlo. Acid				
						Monobro. Acid				
						Dichlor. Acid				
						Trichlor. Acid				
						Dibromo. Acid				
						Total HAA5s				
Sample Date	Collector	Sample Location Designation #	Date Lab Received	Date Lab Analyzed	Laboratory ID #	Analyte	Analytical Method	µg/L Blank Result	µg/L Lab MDL	µg/L Result
						Monochlo. Acid				
						Monobro. Acid				
						Dichlor. Acid				
						Trichlor. Acid				
						Dibromo. Acid				
						Total HAA5s				

Instructions on Reverse



COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
MONTHLY OPERATIONAL REPORT - Summary Sheet  
SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION

August  
Month

2006  
Year

I. DEMOGRAPHICS SECTION

PWSID#: CO-0207504

System Name: Meadow Mountain

Plant ID #: \_\_\_\_\_

Plant Address: Po Box Allenspark

Street

City

80570  
Zip

County: Boulder

Population Served: \_\_\_\_\_

Responsible Party: [Signature]

\* I certify that the information submitted in this form was obtained by myself or other individuals under my direction or supervision and that the information, to the best of my knowledge and belief, is true, accurate and complete. \*

II. TURBIDITY SECTION [Slow Sand, Diatomaceous Earth, Other (i.e., Bag Filter)]

☐ Check if Plant is Off the Entire Month

	NO. OF SAMPLES	% OF TOTAL SAMPLES
A. TOTAL NUMBER OF TURBIDITY ANALYSES PERFORMED	<u>31</u>	
B. NUMBER OF TURBIDITY ANALYSES $\leq 1$ NTU	<u>31</u>	<u>100%</u>
C. NUMBER OF TURBIDITY ANALYSES $> 5$ NTU	<u>0</u>	

HIGHEST TURBIDITY READING OF THE MONTH .44

D. INDIVIDUAL TURBIDITY CHECKLIST (For Direct or Conventional Only)

1. IS TURBIDITY FROM EACH INDIVIDUAL FILTER RECORDED EVERY 15 MINUTES? ☐ YES ☐ NO

2. DID ANY SINGLE FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 3.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST MONTH?

☐ NO, Go to Question 3.

☐ YES, Schedule Comprehensive Performance Evaluation (CPE) with 30 Days.

3. DID ANY SINGLE FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST 2 MONTHS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Self-assessment completed? \_\_\_\_\_

4. DID ANY SINGLE FILTER EXCEED 0.5 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS AT THE END OF 4 HRS OF OPERATION?

☐ NO, You are finished with the checklist

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

\*\* NOTE: If any of the above questions are checked "YES", you must complete IESWTR Form 2 and submit to WQCD along with this form\*\*

III. CHLORINATION SECTION

☒ FREE ☐ TOTAL

A. NO. OF CHLORINE RESIDUAL SAMPLES $< 0.2$ mg/L:	<u>0</u>
B. NO. OF CHLORINE RESIDUAL SAMPLES TAKEN FROM DIST. SYSTEM:	<u>31</u>
C. NO. IN DISTRIBUTION SYSTEM WHERE NO CHLORINE WAS DETECTED:	<u>0</u>
D. % OF SAMPLES WHERE NO CHLORINE WAS DETECTED:	<u>0%</u>

WAS % IN "D"  $> 5\%$  IN THE PREVIOUS MONTH: ☐ YES ☒ NO

\*\*\* NOTE: If answer to above question is "YES" and percentage for current month is also  $> 5\%$ , this is a Treatment Technique (TT) violation\*\*\*

AUGUST 2006

MONTHLY OPERATIONAL REPORT - Data Sheet  
SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION

Meadow Mountain

Required Number of Turbidity Readings Per Day: 1PWSID #: 00-0207504

DAY	TURBIDITY (NTU)								RESIDUAL DISINFECTANT (mg/L)								12. COMMENTS
	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling						HIGHEST TURBIDITY READING	TIME TURBIDITY READ	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling						LOWEST RESIDUAL READING		
	12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12			ENTRY POINT TO DISTRIBUTION								
1				.25			.25	2:00P				.8			.8		
2					.35		.35	6:00P					.8		.8		
3			.33				.33	11:50A			.9				.9		
4			.22				.22	11:30A			.8				.8		
5				.24			.24	7:00P				.8			.8		
6				.22			.22	1:00P				.8			.8		
7					.40		.40	5:30P					.9		.9		
8				.22			.22	12:30P				1.0			1.0		
9				.29			.29	3:00P				.9			.9		
10			.44				.44	11:00A			.9				.9		
11			.23				.23	11:20A			1.0				1.0		
12					.33		.33	5:30P					.5		.5		
13			.25				.25	10:30A			.8				.8		
14					.18		.18	5:00P					.9		.9		
15				.24			.24	3:45P				.9			.9		
16					.29		.29	4:15P					.8		.8		
17			.27				.27	11:45A			.8				.8		
18				.28			.28	3:30P				.9			.9		
19				.32			.32	2:30P				.8			.8		
20			.32				.32	3:30P				.8			.8		
21					.38		.38	5:15P					.5		.5		
22						.34	.34	9:00P						.5	.5		
23					.22		.22	4:00P					.7		.7		
24					.32		.32	4:00P					.7		.7		
25				.38			.38	2:00P				.5			.5		
26				.17			.17	3:30P				.9			.9		
27				.22			.22	12:45P				.8			.8		
28					.18		.18	5:15P					.9		.9		
29					.20		.20	4:45P					.9		.9		
30			.37				.37	11:30A			.9				.9		
31				.22			.22	2:15P				.8			.8		

\*\*\*If at Any Time the combined filter effluent turbidity exceeds 5 NTU (>5.49), the state must be notified as soon as possible, but not later than the end of the next business day.\*\*\*

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water/RTOR  
Sample Number: 604173  
Sample Date: 08/03/06  
Date Received: 08/03/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
<b>MICROBIOLOGY</b>				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	08/03/06

Values are reported in colony forming units/100 ml.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
MONTHLY OPERATIONAL REPORT - Summary Sheet  
**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

July  
Month

2004  
Year

**I. DEMOGRAPHICS SECTION**

PWSID#: CO-0207504

System Name: Meadow Mountain WS

Plant ID #: \_\_\_\_\_

Plant Address: \_\_\_\_\_  
Street

Allenspark  
City

80510  
Zip

County: Boulder

Population Served: \_\_\_\_\_

Responsible Party: Stephen Tedford

\* I certify that the information submitted in this form was obtained by myself or other individuals under my direction or supervision and that the information, to the best of my knowledge and belief, is true, accurate and complete. \*

**II. TURBIDITY SECTION [Slow Sand, Diatomaceous Earth, Other (i.e., Bag Filter)]**

☐ Check if Plant is Off the Entire Month

	NO. OF SAMPLES	% OF TOTAL SAMPLES
A. TOTAL NUMBER OF TURBIDITY ANALYSES PERFORMED	<u>31</u>	
B. NUMBER OF TURBIDITY ANALYSES $\leq 1$ NTU	<u>31</u>	<u>100%</u>
C. NUMBER OF TURBIDITY ANALYSES $> 5$ NTU	<u>0</u>	

HIGHEST TURBIDITY READING OF THE MONTH .62

**D. INDIVIDUAL TURBIDITY CHECKLIST** (For Direct or Conventional Only)

1. IS TURBIDITY FROM EACH INDIVIDUAL FILTER RECORDED EVERY 15 MINUTES? ☐ YES ☐ NO
2. DID ANY SINGLE FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS? ☐ NO, Go to Question 3. ☐ YES, What date was the Filter Profile completed? \_\_\_\_\_
- DID THIS SAME FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST MONTH? ☐ NO, Go to Question 3. ☐ YES, Schedule Comprehensive Performance Evaluation (CPE) with 30 Days.
3. DID ANY SINGLE FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS? ☐ NO, Go to Question 4. ☐ YES, What date was the Filter Profile completed? \_\_\_\_\_
- DID THIS SAME FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST 2 MONTHS? ☐ NO, Go to Question 4. ☐ YES, What date was the Filter Self-assessment completed? \_\_\_\_\_
4. DID ANY SINGLE FILTER EXCEED 0.5 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS AT THE END OF 4 HRS OF OPERATION? ☐ NO, You are finished with the checklist ☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

\*\* NOTE: If any of the above questions are checked "YES", you must complete IESWTR Form 2 and submit to WQCD along with this form \*\*

**III. CHLORINATION SECTION**

☒ FREE ☐ TOTAL

A. NO. OF CHLORINE RESIDUAL SAMPLES $< 0.2$ mg/L:	<u>0</u>
B. NO. OF CHLORINE RESIDUAL SAMPLES TAKEN FROM DIST. SYSTEM:	<u>31</u>
C. NO. IN DISTRIBUTION SYSTEM WHERE NO CHLORINE WAS DETECTED:	<u>0</u>
D. % OF SAMPLES WHERE NO CHLORINE WAS DETECTED:	<u>0</u>

WAS % IN "D"  $> 5\%$  IN THE PREVIOUS MONTH: ☐ YES ☒ NO

\*\*\* NOTE: If answer to above question is "YES" and percentage for current month is also  $> 5\%$ , this is a Treatment Technique (TT) violation \*\*\*



July 2006

**MONTHLY OPERATIONAL REPORT - Data Sheet**  
**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

Meadow MANS

Required Number of Turbidity Readings Per Day: 1

PWSID #: 00207504

DAY	TURBIDITY (NTU)								RESIDUAL DISINFECTANT (mg/L)								12. COMMENTS
	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling						HIGHEST TURBIDITY READING	TIME TURBIDITY READ	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling						LOWEST RESIDUAL READING		
	12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12			ENTRY POINT TO DISTRIBUTION								
										12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12		
1				50			50	2:00 P					1.0				1.0
2			.36				.36	9:40 A				1.0					1.0
3					.22		.22	4:30 P					1.0				1.0
4				.30			.30	4:00 P				1.0					1.0
5				.34			.34	3:30 P				.8					.8
6			.37				.37	11:30 A				.8					.8
7			.23				.23	11:00 A				.9					.9
8				.49			.49	3:00 P				.7					.7
9			.41				.41	11:20 A				.8					.8
10					.34		.34	5:30 P					.5				.5
11				.45			.45	2:30 P				.5					.5
12				.23			.23	2:30 P				.5					.5
13			.40				.40	11:30 A				.8					.8
14					.36		.36	4:50 P					.9				.9
15					.62		.62	4:00 P					.8				.8
16			.33				.33	11:00 A				.9					.9
17					.44		.44	4:00 P					1.0				1.0
18				.32			.32	1:00 P				1.0					1.0
19					.32		.32	5:15 P					1.0				1.0
20			.31				.31	11:00 A				1.0					1.0
21			.23				.23	11:45 A				1.2					1.2
22				.28			.28	2:00 P				1.4					1.4
23						.40	.40	10:00 P						1.1			1.1
24					.29		.29	5:00 P					1.0				1.0
25						.37	.37	10:00 P						.7			.7
26			.25			<del>.25</del>	.25	11:45 A				.8					.8
27				.40			.40	3:00 P				.7					.7
28			.21				.21	11:45 A				.9					.9
29				.40			.40	3:30 P				.6					.6
30				.31			.31	12:20 P				.8					.8
31			.20				.20	11:00 A				.8					.8

\*\*\*If at Any Time the combined filter effluent turbidity exceeds 5 NTU (>5.49), the state must be notified as soon as possible, but not later than the end of the next business day.\*\*\*

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water/RTOR  
Sample Number: 603491  
Sample Date: 07/06/06  
Date Received: 07/06/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
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**MICROBIOLOGY**

Total Coliform (CFU/100 ml)	Absent	1	Readycult	07/06/06
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Values are reported in colony forming units/100 ml.

PWSID #: CO-0207504 SYSTEM NAME: Meadow Mountain WWS DATE: 05-19-06  
PREPARED BY: Stephen Tedford TITLE: Plant Operator  
AUTHORIZED SIGNATURE: [Signature] TITLE: " "  
POPULATION SERVED: 48 VIOLATION?: ☐

Number of Samples Taken: Month 1: 1 Month 2: 1 Month 3: 1

Month	Year	Monthly Average Chlorine or Chloramines (mg/L)	Quarterly Average Chlorine or Chloramines (mg/L)	Running Annual Average Chlorine or Chloramines (mg/L)
January	20 <u>06</u>	.10		
February	20 <u>06</u>	.15		
March	20 <u>06</u>	.25	Q1 = .16	
April	20 <u>06</u>	.20		
May	20 <u>06</u>	.7		
June	20 <u>06</u>	1.0	Q2 = .8	
July	20 <u>06</u>	9.25		
August	20 <u>06</u>	.20		
September	20 <u>06</u>	.15	Q3 = .20	
October	20 <u>06</u>	.10		
November	20 <u>06</u>	.10		
December	20 <u>06</u>	.15	Q4 = .12	
Running Annual Average				.14

LABORATORY REPORTING FORMS MUST BE AVAILABLE UPON REQUEST

Instructions on Reverse

ATTN: Beth Hegeman  
9-19-06

**VRDL Form 2**

**Quarterly Reporting Form for Chlorine and Chloramines Maximum Residual Disinfectant Level Running Annual Average (RAA)**

PWSID #: CO-0207504 SYSTEM NAME: Meadow Mountain WS DATE: 05-19-04  
PREPARED BY: Stephen Tedford TITLE: Plant Operator  
AUTHORIZED SIGNATURE: [Signature] TITLE: " "  
POPULATION SERVED: 48 VIOLATION?: ☐

Number of Samples Taken: Month 1: 1 Month 2: 1 Month 3: 1

		Column A	Column B	Column C
Month	Year	Monthly Average Chlorine or Chloramines (mg/L)	Quarterly Average Chlorine or Chloramines (mg/L)	Running Annual Average Chlorine or Chloramines (mg/L)
January	20 <u>04</u>	.10		
February	20 <u>04</u>	.15		
March	20 <u>04</u>	.25	Q1 = .16	
April	20 <u>04</u>	.20		
May	20 <u>04</u>	.7		
June	20 <u>04</u>	1.0	Q2 = .8	
July	20 <u>04</u>	.9		
August	20 <u>04</u>			
September	20 <u>04</u>		Q3 =	
October	20 <u>04</u>			
November	20 <u>04</u>			
December	20 <u>04</u>		Q4 =	
Running Annual Average =				

**LABORATORY REPORTING FORMS MUST BE AVAILABLE UPON REQUEST**

**Instructions on Reverse**



COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
MONTHLY OPERATIONAL REPORT - Summary Sheet  
SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION

June  
Month

2006  
Year

I. DEMOGRAPHICS SECTION

PWSID#: CO-0207504

System Name: Meadow Mountain WS

Plant ID #: \_\_\_\_\_

Plant Address: \_\_\_\_\_  
Street

Allenspark 80510  
City Zip

County: Boulder

Population Served: \_\_\_\_\_

Responsible Party: Stephen Tedford

Daytime Phone: 303-747-2066

\* I certify that the information submitted in this form was obtained by myself or other individuals under my direction or supervision and that the information, to the best of my knowledge and belief, is true, accurate and complete.\*

II. TURBIDITY SECTION [Slow Sand, Diatomaceous Earth, Other (i.e., Bag Filter)]

☐ Check if Plant is Off the Entire Month

	NO. OF SAMPLES	% OF TOTAL SAMPLES
A. TOTAL NUMBER OF TURBIDITY ANALYSES PERFORMED	<u>30</u>	
B. NUMBER OF TURBIDITY ANALYSES $\leq 1$ NTU	<u>30</u>	<u>100%</u>
C. NUMBER OF TURBIDITY ANALYSES $> 5$ NTU	<u>0</u>	

HIGHEST TURBIDITY READING OF THE MONTH .55

D. INDIVIDUAL TURBIDITY CHECKLIST (For Direct or Conventional Only)

1. IS TURBIDITY FROM EACH INDIVIDUAL FILTER RECORDED EVERY 15 MINUTES? ☐ YES ☐ NO

2. DID ANY SINGLE FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 3.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST MONTH?

☐ NO, Go to Question 3.

☐ YES, Schedule Comprehensive Performance Evaluation (CPE) with 30 Days.

3. DID ANY SINGLE FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST 2 MONTHS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Self-assessment completed? \_\_\_\_\_

4. DID ANY SINGLE FILTER EXCEED 0.5 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS AT THE END OF 4 HRS OF OPERATION?

☐ NO, You are finished with the checklist

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

\*\* NOTE: If any of the above questions are checked "YES", you must complete IESWTR Form 2 and submit to WQCD along with this form\*\*

III. CHLORINATION SECTION

☒ FREE ☐ TOTAL

A. NO. OF CHLORINE RESIDUAL SAMPLES $< 0.2$ mg/L:	<u>0</u>
B. NO. OF CHLORINE RESIDUAL SAMPLES TAKEN FROM DIST. SYSTEM:	<u>30</u>
C. NO. IN DISTRIBUTION SYSTEM WHERE NO CHLORINE WAS DETECTED:	<u>0</u>
D. % OF SAMPLES WHERE NO CHLORINE WAS DETECTED:	<u>0</u>

WAS % IN "D"  $> 5\%$  IN THE PREVIOUS MONTH: ☐ YES ☒ NO

\*\*\* NOTE: If answer to above question is "YES" and percentage for current month is also  $> 5\%$ , this is a Treatment Technique (TT) violation\*\*\*

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
**MONTHLY OPERATIONAL REPORT - Data Sheet**  
**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

*Meadow Mountains*

PWSID #: *00-0207504*

Required Number of Turbidity Readings Per Day: 1

DATE DAY	TURBIDITY (NTU)								RESIDUAL DISINFECTANT (mg/L)								12. COMMENTS	
	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling								<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling									
	12 to 4		4 to 8	8 to 12	12 to 4		4 to 8	8 to 12	HIGHEST TURBIDITY READING	TIME TURBIDITY READ	ENTRY POINT TO DISTRIBUTION							LOWEST RESIDUAL READING
											12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12		
1			.54					.54	11:45A			.5					.5	
2			.52					.52	9:30A			.6					.6	
3								.40	4:45P					1.0			1.0	
4								.45	6:30P					1.0			1.0	
5			.41					.41	11:00A			1.0					1.0	
6				.35				.35	1:30P			1.2					1.2	
7			.33					.33	11:15A			1.1					1.1	
8			.55					.55	11:15A			1.1					1.1	
9						.31		.31	4:00P					.9			.9	
10				.33				.33	1:00P			.9					.9	
11			.26					.26	10:45A			.9					.9	
12						.36		.36	5:15P					.9			.9	
13				.22				.22	3:30P			1.0					1.0	
14				.49				.49	3:00P			1.0					1.0	
15						.40		.40	5:15P					1.0			1.0	
16			.32					.32	10:30A			1.0					1.0	
17				.50				.50	3:30P			1.2					1.2	
18				.28				.28	2:30P			1.1					1.1	
19						.34		.34	5:30P					1.2			1.2	
20							.43	.43	9:30P						1.2		1.2	
21						.19		.19	4:15P					1.2			1.2	
22			.33					.33	11:00A			1.3					1.3	
23			.18					.18	11:15A			1.3					1.3	
24						.38		.38	4:00P					1.2			1.2	
25			.40					.40	11:30A			0.9					0.9	
26						.18		.18	5:30P					.6			.6	
27				.34				.34	2:30P			1.0					1.0	
28				.35				.35	2:00P			1.1					1.1	
29						.30		.30	4:30P					1.0			1.0	
30						.26		.26	4:30P					1.5			1.5	
31																		

\*\*\*If at Any Time the combined filter effluent turbidity exceeds 5 NTU (>5.49), the state must be notified as soon as possible, but not later than the end of the next business day.\*\*\*

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water  
Sample Number: 602757  
Sample Date: 06/01/06  
Date Received: 06/01/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
<b>MICROBIOLOGY</b>				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	06/01/06

Values are reported in colony forming units/100 ml.

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
MONTHLY OPERATIONAL REPORT - Summary Sheet  
SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION

May  
Month

2006  
Year

I. DEMOGRAPHICS SECTION

PWSID#: CO-0207504

System Name: Meadow Mountain WS

Plant ID #: \_\_\_\_\_

Plant Address: \_\_\_\_\_  
Street

Allenspark 80510  
City Zip

County: Boulder

Population Served: \_\_\_\_\_

Responsible Party: Stephen Tedford

Daytime Phone: 303 747-2064

\* I certify that the information submitted in this form was obtained by myself or other individuals under my direction or supervision and that the information, to the best of my knowledge and belief, is true, accurate and complete.\*

II. TURBIDITY SECTION [Slow Sand, Diatomaceous Earth, Other (i.e., Bag Filter)]

☐ Check if Plant is Off the Entire Month

	NO. OF SAMPLES	% OF TOTAL SAMPLES
A. TOTAL NUMBER OF TURBIDITY ANALYSES PERFORMED	<u>31</u>	
B. NUMBER OF TURBIDITY ANALYSES ≤ 1 NTU	<u>31</u>	<u>100%</u>
C. NUMBER OF TURBIDITY ANALYSES > 5 NTU	<u>0</u>	

HIGHEST TURBIDITY READING OF THE MONTH 5.96

D. INDIVIDUAL TURBIDITY CHECKLIST (For Direct or Conventional Only)

1. IS TURBIDITY FROM EACH INDIVIDUAL FILTER RECORDED EVERY 15 MINUTES? ☐ YES ☐ NO
2. DID ANY SINGLE FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?  
☐ NO, Go to Question 3.  
☐ YES, What date was the Filter Profile completed? \_\_\_\_\_  
DID THIS SAME FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST MONTH?  
☐ NO, Go to Question 3.  
☐ YES, Schedule Comprehensive Performance Evaluation (CPE) with 30 Days.
3. DID ANY SINGLE FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?  
☐ NO, Go to Question 4.  
☐ YES, What date was the Filter Profile completed? \_\_\_\_\_  
DID THIS SAME FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST 2 MONTHS?  
☐ NO, Go to Question 4.  
☐ YES, What date was the Filter Self-assessment completed? \_\_\_\_\_
4. DID ANY SINGLE FILTER EXCEED 0.5 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS AT THE END OF 4 HRS OF OPERATION?  
☐ NO, You are finished with the checklist  
☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

\*\* NOTE: If any of the above questions are checked "YES", you must complete IESWTR Form 2 and submit to WQCD along with this form\*\*

III. CHLORINATION SECTION

☒ FREE ☐ TOTAL

A. NO. OF CHLORINE RESIDUAL SAMPLES <0.2 mg/L:	<u>0</u>
B. NO. OF CHLORINE RESIDUAL SAMPLES TAKEN FROM DIST. SYSTEM:	<u>31</u>
C. NO. IN DISTRIBUTION SYSTEM WHERE NO CHLORINE WAS DETECTED:	<u>0</u>
D. % OF SAMPLES WHERE NO CHLORINE WAS DETECTED:	<u>0</u>

WAS % IN "D" > 5% IN THE PREVIOUS MONTH: ☐ YES ☒ NO

\*\*\* NOTE: If answer to above question is "YES" and percentage for current month is also > 5%, this is a Treatment Technique ("T") violation\*\*\*

**MONTHLY OPERATIONAL REPORT - Data Sheet**  
**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

*Meadow Mountain*

Required Number of Turbidity Readings Per Day: 1

PWSID #: 00-0207504

DAY	TURBIDITY (NTU)								RESIDUAL DISINFECTANT (mg/L)							
	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling								<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling							
	12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12	HIGHEST TURBIDITY READING	TIME TURBIDITY READ	ENTRY POINT TO DISTRIBUTION						LOWEST RESIDUAL READING	12. COMMENTS
								12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12			
1					.92		.92	6:30P					.9		.9	
2				.91			.91	12:30P				.7	.3		.7	
3				.94			.94	3:30P				.6			.4	
4			.80				.80	11:00A			.16				.6	
5				.72			.72	3:45P				.9			.9	
6				.86			.86	3:00P				.8			.8	
7				.77			.77	12:10P				.8			.8	
8		.77					.77	6:45A		.8					.8	
9				.90			.90	1:15P				.8			.8	
10			.80				.80	11:30A			.8				.8	
11			.96				.96	11:30A			.9				.9	
12				.93			.93	4:15P				1.0			1.0	
13					.68		.68	6:30P				.6			.6	
14				.65			.65	3:00P				.8			.8	
15					.89		.89	5:15P				1.0			1.0	
16				.81			.81	12:30P			.9				.9	
17					.88		.88	4:30P				.8			.8	
18			.84				.84	11:30A			.9				.9	
19				.53			.53	3:00P			1.0				1.0	
20			.58				.58	5:00A			.9				.9	
21						.64	.64	10:00P						.7	.7	
22					.52		.52	5:30P				.6			.6	
23				.41			.41	7:30P				.4			.4	
24				.62			.62	7:00P				.3			.3	
25			.62				.62	11:00A			.3				.3	
26			.66				.66	11:10A			.9				.4	
27				.63			.63	2:15P				.4			.4	
28					.42		.42	7:00P				.5			.5	
29					.46		.46	5:15P				.6			.6	
30				.50			.50	2:00P			.4				.4	
31					.48		.48	4:00P				.7			.7	

\*\*\*If at Any Time the combined filter effluent turbidity exceeds 5 NTU (>5.49), the state must be notified as soon as possible, but not later than the end of the next business day.\*\*\*

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #0207504)  
Sample Name: Fouts  
Sample Matrix: Water/RTOR  
Sample Number: 602307  
Sample Date: 05/08/06  
Date Received: 05/08/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
<b>MICROBIOLOGY</b>				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	05/08/06

Values are reported in colony forming units/100 ml.

5-19-06 FAXED



## Colorado Department of Public Health and Environment Compliance Assurance & Data Management Unit

Colorado Department  
of Public Health  
and Environment

### REPORTING FORM FOR NITRATE OR NITRITE AS NITROGEN ANALYSES

SAMPLER: FILL OUT ONE FORM - FOR EACH INDIVIDUAL SAMPLING POINT

Are these results to be used to fulfill compliance monitoring requirements? YES ☒ or NO ☐

Is this a check or confirmation sample? ☐ YES ☒ NO

PWSID CO0\_207504 COUNTY: Boulder DATE COLLECTED: 04 / 05 / 06

SYSTEMS NAME: Meadow Mountain Water Company

SYSTEM MAILING ADDRESS: P.O. Box 162, Allenspark, CO 80510  
Street address/PO Box CITY STATE ZIP

CONTACT PERSON: Steve Tedford PHONE: ( 303 ) 747-2066

SAMPLE COLLECTED BY: Steve Tedford TIME COLLECTED: 7:30 am am/pm

ENTRY POINT (Finished Water) SAMPLE ☐ SOURCE WATER SAMPLE ☐

FOR ENTRY POINT SAMPLES PLEASE INDICATE: Chlorinated ☒ Other Treatment ☐  
Finished—Not Treated (No chlorine or other treatment) ☐

STATE ENTRY POINT CODE: EP Distribution SOURCE(S) REPRESENTED: Surface Water

*For Laboratory Use Only Below This Line*

LABORATORY SAMPLE # 601731 CLIENT NAME or ID# Meadow Mountain Water Company (1115-016)

LABORATORY NAME Stewart Environmental Consultants, Inc.

LAB PHONE # ( 970 ) 226-5500 DATE RECEIVED IN LABORATORY 04 / 05 / 06

COMMENTS: \_\_\_\_\_

PARAMETER	RESULT	UNITS	MCL	STANDARD METHOD	LAB MDL	DATE ANALYZED
Nitrate as N	BDL	mg/L	10.0 mg/L	4500NO3-E	0.5 mg/L	04 / 10 / 06
Nitrite as N	NT	mg/L	1.0 mg/L	4500N02-B	mg/L	

*rip b. patten*

Reviewed & Approved by

Operations Manager

Title

04 / 20 / 06

Date

MAIL RESULTS TO: CDPHE, WQCD-CADM  
4300 Cherry Creek Drive South  
Denver, CO 80246-1530

FAX: 303-782-0390





Colorado Department of Public Health and Environment  
Compliance Assurance & Data Management Unit

REPORTING FORM FOR INORGANIC CONTAMINANTS ANALYSES

Colorado Department  
of Public Health  
and Environment

SAMPLER: FILL OUT ONE FORM FOR EACH SAMPLE

Are these results to be used to fulfill compliance monitoring requirements? YES ☒ or NO ☐

Is this a check or confirmation sample? ☐ YES ☒ NO

PWSID CO0 207504 COUNTY: Boulder DATE COLLECTED: 04 / 05 / 06

SYSTEMS NAME: Meadow Mountain Water Company

SYSTEM MAILING ADDRESS: P.O. Box 162, Allenspark, CO 80510  
Street address/PO Box CITY STATE ZIP

CONTACT PERSON: Steve Tedford PHONE: ( 303 ) 747-2066

SAMPLE COLLECTED BY: Steve Tedford TIME COLLECTED: 7:30 am am/pm

ENTRY POINT (Finished Water) SAMPLE ☐ SOURCE WATER SAMPLE ☐  
FOR ENTRY POINT SAMPLE PLEASE INDICATE: Chlorinated ☒ Other Treatment ☐  
Finished—Not Treated (No chlorine or other treatment) ☐

STATE ENTRY POINT CODE: EP Distribution SOURCE(S) REPRESENTED: Surface Water

DO SAMPLES NEED TO BE COMPOSITED BY THE LABORATORY? YES ☐ NO ☒

NOTE: CHECK OR CONFIRMATION SAMPLES CANNOT BE COMPOSITED

*For Laboratory Use Only Below This Line*

LABORATORY SAMPLE # 601731 CLIENT NAME or ID# Meadow Mountain Water Company (1115-016)

LABORATORY NAME Stewart Environmental Consultants, Inc.

LAB PHONE #: ( 970 ) 226-5500 DATE RECEIVED IN LABORATORY 04 / 05 / 06

COMMENTS: \_\_\_\_\_

PARAMETER	RESULT in (mg/L)	MCL in (mg/L)	STANDARD METHOD	Lab MDL in (mg/L)	Date Analyzed
Antimony	BDL	0.006	200.9	0.005	04 / 13 / 06
Arsenic	BDL	0.05/0.010*	200.9	0.005	04 / 12 / 06
Barium	0.004	2.0	200.7	0.001	04 / 11 / 06
Beryllium	BDL	0.004	200.7	0.0001	04 / 11 / 06
Cadmium	BDL	0.005	200.9	0.001	04 / 13 / 06
Chromium	BDL	0.1	200.7	0.01	04 / 11 / 06
Cyanide	NT	0.2	4500CN-C-E		
Fluoride	BDL	4.0	4500F-C	0.5	04 / 06 / 06
Mercury	BDL	0.002	245.1	0.0001	04 / 12 / 06
Nickel	BDL	**	200.7	0.01	04 / 11 / 06
Selenium	BDL	0.05	200.9	0.005	04 / 12 / 06
Sodium	3.0	**	200.7	0.05	04 / 11 / 06
Thallium	BDL	0.002	200.9	0.002	04 / 13 / 06

\* 0.010 mg/L is effective January 2006

\*\* Monitoring is required, but there is no MCL for this contaminant

*Ref. B. Patton* Operations Manager  
Reviewed and Approved by Title

04 / 20 / 06  
Date

MAIL RESULTS TO: CDPHE, WQCD-CADM  
4300 Cherry Creek Drive South  
Denver, CO 80246-1530

FAX: 303-782-0390



Colorado Department of Public Health and Environment  
Compliance Assurance & Data Management Unit

Colorado Department  
of Public Health  
and Environment

REPORTING FORM FOR NITRATE OR NITRITE AS NITROGEN ANALYSES

SAMPLER: FILL OUT ONE FORM - FOR EACH INDIVIDUAL SAMPLING POINT

Are these results to be used to fulfill compliance monitoring requirements? YES ☒ or NO ☐

Is this a check or confirmation sample? ☐ YES ☒ NO

PWSID CO0 207504 COUNTY: Boulder DATE COLLECTED: 04 / 05 / 06

SYSTEMS NAME: Meadow Mountain Water Company

SYSTEM MAILING ADDRESS: P.O. Box 162, Allenspark, CO 80510  
Street address/PO Box CITY STATE ZIP

CONTACT PERSON: Steve Tedford PHONE: ( 303 ) 747-2066

SAMPLE COLLECTED BY: Steve Tedford TIME COLLECTED: 7:30 am am/pm

ENTRY POINT (Finished Water) SAMPLE ☐ SOURCE WATER SAMPLE ☐

FOR ENTRY POINT SAMPLES PLEASE INDICATE: Chlorinated ☒ Other Treatment ☐  
Finished—Not Treated (No chlorine or other treatment) ☐

STATE ENTRY POINT CODE: EP Distribution SOURCE(S) REPRESENTED: Surface Water

===== For Laboratory Use Only Below This Line =====

LABORATORY SAMPLE # 601731 CLIENT NAME or ID# Meadow Mountain Water Company (1115-016)

LABORATORY NAME Stewart Environmental Consultants, Inc.

LAB PHONE # ( 970 ) 226-5500 DATE RECEIVED IN LABORATORY 04 / 05 / 06

COMMENTS: \_\_\_\_\_

PARAMETER	RESULT	UNITS	MCL	STANDARD METHOD	LAB MDL	DATE ANALYZED
Nitrate as N	BDL	mg/L	10.0 mg/L	4500NO3-E	0.5 mg/L	04 / 10 / 06
Nitrite as N	NT	mg/L	1.0 mg/L	4500N02-B	mg/L	

rip b. patten Operations Manager 04 / 20 / 06  
Reviewed & Approved by Title Date

MAIL RESULTS TO: CDPHE, WQCD-CADM  
4300 Cherry Creek Drive South  
Denver, CO 80246-1530

FAX: 303-782-0390

PAVED 5-19-06



Colorado Department of Public Health and Environment  
Compliance Assurance & Data Management Unit

REPORTING FORM FOR INORGANIC CONTAMINANTS ANALYSES

Colorado Department  
of Public Health  
and Environment

SAMPLER: FILL OUT ONE FORM FOR EACH SAMPLE

Are these results to be used to fulfill compliance monitoring requirements? YES ☒ or NO ☐

Is this a check or confirmation sample? ☐ YES ☒ NO

PWSID CO0 207504 COUNTY: Boulder DATE COLLECTED: 04 / 05 / 06

SYSTEMS NAME: Meadow Mountain Water Company

SYSTEM MAILING ADDRESS: P.O. Box 162, Allenspark, CO 80510  
Street address/PO Box CITY STATE ZIP

CONTACT PERSON: Steve Tedford PHONE: ( 303 ) 747-2066

SAMPLE COLLECTED BY: Steve Tedford TIME COLLECTED: 7:30 am am/pm

ENTRY POINT (Finished Water) SAMPLE ☐ SOURCE WATER SAMPLE ☐

FOR ENTRY POINT SAMPLE PLEASE INDICATE: Chlorinated ☒ Other Treatment ☐  
Finished—Not Treated (No chlorine or other treatment) ☐

STATE ENTRY POINT CODE: EP Distribution SOURCE(S) REPRESENTED: Surface Water

DO SAMPLES NEED TO BE COMPOSITED BY THE LABORATORY? YES ☐ NO ☒

NOTE: CHECK OR CONFIRMATION SAMPLES CANNOT BE COMPOSITED

*For Laboratory Use Only Below This Line*

LABORATORY SAMPLE # 601731 CLIENT NAME or ID# Meadow Mountain Water Company (1115-016)

LABORATORY NAME Stewart Environmental Consultants, Inc.

LAB PHONE #: ( 970 ) 226-5500 DATE RECEIVED IN LABORATORY 04 / 05 / 06

COMMENTS: \_\_\_\_\_

PARAMETER	RESULT in (mg/L)	MCL in (mg/L)	STANDARD METHOD	Lab MDL in (mg/L)	Date Analyzed
Antimony	BDL	0.006	200.9	0.005	04 / 13 / 06
Arsenic	BDL	0.05/0.010*	200.9	0.005	04 / 12 / 06
Barium	0.004	2.0	200.7	0.001	04 / 11 / 06
Beryllium	BDL	0.004	200.7	0.0001	04 / 11 / 06
Cadmium	BDL	0.005	200.9	0.001	04 / 13 / 06
Chromium	BDL	0.1	200.7	0.01	04 / 11 / 06
Cyanide	NT	0.2	4500CN-C-E		
Fluoride	BDL	4.0	4500F-C	0.5	04 / 06 / 06
Mercury	BDL	0.002	245.1	0.0001	04 / 12 / 06
Nickel	BDL	**	200.7	0.01	04 / 11 / 06
Selenium	BDL	0.05	200.9	0.005	04 / 12 / 06
Sodium	3.0	**	200.7	0.05	04 / 11 / 06
Thallium	BDL	0.002	200.9	0.002	04 / 13 / 06

\* 0.010 mg/L is effective January 2006

\*\* Monitoring is required, but there is no MCL for this contaminant

Rig B. Patton  
Reviewed & Approved by Operations Manager  
Title

04 / 20 / 06  
Date

MAIL RESULTS TO: CDPHE, WQCD-CADM  
4300 Cherry Creek Drive South  
Denver, CO 80246-1530

FAX: 303-782-0390

FAXED  
5-03-06

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
MONTHLY OPERATIONAL REPORT - Summary Sheet  
SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION

April  
Month

2006  
Year

I. DEMOGRAPHICS SECTION

PWSID#: CO-0207504

System Name: Meadow Mountain WS

Plant ID #: \_\_\_\_\_

Plant Address: \_\_\_\_\_  
Street

Allenspark 80510  
City Zip

County: Boulder

Population Served: \_\_\_\_\_

Responsible Party: Stephen Tedford

Daytime Phone: 303 747-2066

\* I certify that the information submitted in this form was obtained by myself or other individuals under my direction or supervision and that the information, to the best of my knowledge and belief, is true, accurate and complete.\*

II. TURBIDITY SECTION [Slow Sand, Diatomaceous Earth, Other (i.e., Bag Filter)]

☐ Check if Plant is Off the Entire Month

	NO. OF SAMPLES	% OF TOTAL SAMPLES
A. TOTAL NUMBER OF TURBIDITY ANALYSES PERFORMED	<u>30</u>	
B. NUMBER OF TURBIDITY ANALYSES $\leq$ 1 NTU	<u>30</u>	<u>100%</u>
C. NUMBER OF TURBIDITY ANALYSES $>$ 5 NTU	<u>0</u>	

HIGHEST TURBIDITY READING OF THE MONTH .95

~~D. INDIVIDUAL TURBIDITY CHECKLIST (For Direct or Conventional Only)~~

- ~~1. IS TURBIDITY FROM EACH INDIVIDUAL FILTER RECORDED EVERY 15 MINUTES? ☐ YES ☐ NO~~
- ~~2. DID ANY SINGLE FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?  
☐ NO, Go to Question 3.  
☐ YES, What date was the Filter Profile completed? \_\_\_\_\_  
DID THIS SAME FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST MONTH?  
☐ NO, Go to Question 3.  
☐ YES, Schedule Comprehensive Performance Evaluation (CPE) with 30 Days.~~
- ~~3. DID ANY SINGLE FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?  
☐ NO, Go to Question 4.  
☐ YES, What date was the Filter Profile completed? \_\_\_\_\_  
DID THIS SAME FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST 2 MONTHS?  
☐ NO, Go to Question 4.  
☐ YES, What date was the Filter Self-assessment completed? \_\_\_\_\_~~
- ~~4. DID ANY SINGLE FILTER EXCEED 0.5 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS AT THE END OF 4 HRS OF OPERATION?  
☐ NO, You are finished with the checklist  
☐ YES, What date was the Filter Profile completed? \_\_\_\_\_~~

~~\*\* NOTE: If any of the above questions are checked "YES", you must complete IESWTR Form 2 and submit to WQCD along with this form\*\*~~

III. CHLORINATION SECTION

☒ FREE ☐ TOTAL

A. NO. OF CHLORINE RESIDUAL SAMPLES $<$ 0.2 mg/L:	<u>0</u>
B. NO. OF CHLORINE RESIDUAL SAMPLES TAKEN FROM DIST. SYSTEM:	<u>30</u>
C. NO. IN DISTRIBUTION SYSTEM WHERE NO CHLORINE WAS DETECTED:	<u>0</u>
D. % OF SAMPLES WHERE NO CHLORINE WAS DETECTED:	<u>0</u>

WAS % IN "D"  $>$  5% IN THE PREVIOUS MONTH: ☐ YES ☒ NO

\*\*\* NOTE: If answer to above question is "YES" and percentage for current month is also  $>$  5%, this is a Treatment Technique (TT) violation\*\*\*

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
**MONTHLY OPERATIONAL REPORT - Data Sheet**  
**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

Required Number of Turbidity Readings Per Day: 1

PWSID #: 00-0207504

DAY	TURBIDITY (NTU)								RESIDUAL DISINFECTANT (mg/L)								12. COMMENTS
	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling						HIGHEST TURBIDITY READING	TIME TURBIDITY READ	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling						LOWEST RESIDUAL READING		
	12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12			ENTRY POINT TO DISTRIBUTION								
										12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12		
1				.35		.8	.35	3:00P					1.0				
2					.33		.33	5:00P						0.8			
3			.32				.32	4:00P				.9					
4				.40			.40	3:00P					1.0				
5		.38					.38	7:30P		.9							
6				.36			.36	2:30P					.9				
7				.43			.43	3:00P					.8				
8				.50			.50	3:15P					.9				
9					.41		.41	8:00P					.9				
10					.38		.38	6:00P					.8				
11				.69			.69	1:20P					.8				
12				.56			.56	2:00P					.8				
13				.64			.64	2:00P					.7				
14					.71		.71	6:30P					.7				
15				.95			.95	3:30P					.7				
16			.72				.72	11:40A			1.0						
17				.68			.68	5:15P					.9				
18				.71			.71	5:30P					.9				
19				.83			.83	12:45P					1.0				
20				.91			.91	3:15P					.9				
21				.61			.61	3:00P					1.0				
22					.79		.79	4:45P					.7				
23			.61				.61	11:30A			.6						
24				.59			.59	7:00P					.4				
25				.62			.62	1:30P					.6				
26				.51			.51	2:30P					.7				
27			.91				.91	11:30A			.5						
28				.89			.89	2:30P					.8				
29				.85			.85	3:30P					1.1				
30				.86			.86	3:40P					1.0				
31																	

\*\*\*If at Any Time the combined filter effluent turbidity exceeds 5 NTU (>5.49), the state must be notified as soon as possible, but not later than the end of the next business day.\*\*\*

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PSWID #CO-0207504)  
Sample Type: Water/RTOR  
Sample Name: Fouts  
Sample Matrix: Water  
Sample Number: 601641  
Sample Date: 04/03/06  
Date Received: 04/03/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
MICROBIOLOGY				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	04/03/06

Values are reported in colony forming units/100 ml.



Colorado Department of Public Health and Environment – Water Quality Control Division  
Drinking Water Program – Compliance Assurance and Data Management Unit  
4300 Cherry Creek Drive South, Denver, CO 80246-1530

**WROL Form 2**

**Quarterly Reporting Form for Chlorine and Chloramines Maximum Residual Disinfectant Level Running Annual Average (RRAA)**

PWSID #: CO-0207504 SYSTEM NAME: Meadow Mountain WS DATE: \_\_\_\_\_

PREPARED BY: Stephen Tedford TITLE: Plant Operator

AUTHORIZED SIGNATURE: \_\_\_\_\_ TITLE: \_\_\_\_\_

POPULATION SERVED: 48

VIOLATION?: ☐

Number of Samples Taken: Month 1: 1 Month 2: 1 Month 3: 1

		Column A	Column B	Column C
Month	Year	Monthly Average Chlorine or Chloramines (mg/L)	Quarterly Average Chlorine or Chloramines (mg/L)	Running Annual Average Chlorine or Chloramines (mg/L)
January	20 <u>04</u>	<u>.5</u>		
February	20 <u>04</u>	<u>.7</u>		
March	20 <u>04</u>	<u>.8</u>	Q1 = <u>.4</u>	
April	20 <u>04</u>	<u>.8</u>		
May	20 <u>04</u>	<u>.7</u>		
June	20 <u>04</u>	<u>1.0</u>	Q2 = <u>.8</u>	
July	20 <u>04</u>	<u>.9</u>		
August	20____			
September	20____		Q3 =	
October	20____			
November	20____			
December	20____		Q4 =	
Running Annual Average =				

**LABORATORY REPORTING FORMS MUST BE AVAILABLE UPON REQUEST**

**Instructions on Reverse**



Colorado Department of Public Health and Environment  
MONTHLY OPERATIONAL REPORT - Summary Sheet  
SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION

March  
Month

2006  
Year

I. DEMOGRAPHICS SECTION

PWSID#: CO-0207504

System Name: Meadow Mountain WWS

Plant ID #: \_\_\_\_\_

Plant Address: \_\_\_\_\_  
Street

All-in-mark  
City

80510  
Zip

County: Boulder

Population Served: \_\_\_\_\_

Responsible Party: Stephen Tedford

Daytime Phone: 303 747-2666

\* I certify that the information submitted in this form was obtained by myself or other individuals under my direction or supervision and that the information, to the best of my knowledge and belief, is true, accurate and complete.\*

II. TURBIDITY SECTION [Slow Sand, Diatomaceous Earth, Other (i.e., Bag Filter)]

☐ Check if Plant is Off the Entire Month

	NO. OF SAMPLES	% OF TOTAL SAMPLES
A. TOTAL NUMBER OF TURBIDITY ANALYSES PERFORMED	<u>31</u>	
B. NUMBER OF TURBIDITY ANALYSES $\leq$ 1 NTU	<u>31</u>	<u>100%</u>
C. NUMBER OF TURBIDITY ANALYSES $>$ 5 NTU	<u>0</u>	

HIGHEST TURBIDITY READING OF THE MONTH 152

D. INDIVIDUAL TURBIDITY CHECKLIST (For Direct or Conventional Only)

1. IS TURBIDITY FROM EACH INDIVIDUAL FILTER RECORDED EVERY 15 MINUTES? ☐ YES ☐ NO

2. DID ANY SINGLE FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 3.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST MONTH?

☐ NO, Go to Question 3.

☐ YES, Schedule Comprehensive Performance Evaluation (CPE) with 30 Days.

3. DID ANY SINGLE FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST 2 MONTHS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Self-assessment completed? \_\_\_\_\_

4. DID ANY SINGLE FILTER EXCEED 0.5 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS AT THE END OF 4 HRS OF OPERATION?

☐ NO, You are finished with the checklist

☐ YES, What date was the Filter Profile complete? \_\_\_\_\_

\*\*\* NOTE: If any of the above questions are checked "YES", you must complete IESWTR Form 2 and submit to WQCD along with this form\*\*\*

III. CHLORINATION SECTION

☒ FREE ☐ TOTAL

A. NO. OF CHLORINE RESIDUAL SAMPLES $<$ 0.2 mg/L:	<u>0</u>
B. NO. OF CHLORINE RESIDUAL SAMPLES TAKEN FROM DIST. SYSTEM:	<u>31</u>
C. NO. IN DISTRIBUTION SYSTEM WHERE NO CHLORINE WAS DETECTED:	<u>0</u>
D. % OF SAMPLES WHERE NO CHLORINE WAS DETECTED:	<u>0</u>

WAS % IN "D"  $>$  5% IN THE PREVIOUS MONTH: ☐ YES ☒ NO

\*\*\* NOTE: If answer to above question is "YES" and percentage for current month is also  $>$  5%, this is a Treatment Technique (TT) violation\*\*\*

**MONTHLY OPERATIONAL REPORT - Data Sheet**  
**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

*mm*

Required Number of Turbidity Readings Per Day: 1

PWSID #: 0-0207504

DAY	TURBIDITY (NTU)								RESIDUAL DISINFECTANT (mg/L)								12. COMMENTS
	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling								<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling								
	12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12	HIGHEST TURBIDITY READING	TIME TURBIDITY READ	ENTRY POINT TO DISTRIBUTION						LOWEST RESIDUAL READING		
									12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12			
1				.37			.37	2:00P				1.0				1.0	
2			.37				.37	11:15A			.9					.9	
3				.43			.43	12:30P			.8					.8	
4			.31				.31	11:55A			.9					.9	
5					.35		.35	4:15P					.7			.7	
6					.35		.35	5:10P					.7			.7	
7			.36				.36	11:40A			.7					.7	
8			.33				.33	10:45A			.8					.8	
9			.38				.38	11:45A			.7					.7	
10				.32			.32	3:00P				.7				.7	
11					.32		.32	4:30P					.5			.5	
12					.30		.30	7:30P					.6			.6	
13					.41		.41	5:00P					.7			.7	
14			.37				.37	11:00A			.7					.7	
15				.36			.36	2:30P				.7				.7	
16			.40				.40	11:15A			.8					.8	
17			.23				.23	11:45A			.8					.8	
18					.46		.46	7:15P					.7			.7	
19				.35			.35	1:00P				.7				.7	
20				.37			.37	2:30P				.7				.7	
21					.52		.52	8:00P					.9			.9	
22					.35		.35	5:00P					.8			.8	
23					.39		.39	11:30P					1.0			1.0	
24					.40		.40	4:10P					1.0			1.0	
25				.42			.42	2:45P				1.0				1.0	
26					.40		.40	4:00P					1.0			1.0	
27			.43				.43	9:45A			1.0					1.0	
28				.37			.37	12:05PM			.9					.9	
29				.34			.34	2:00P				1.0				1.0	
30				.35			.35	3:20PM				.8				.8	
31					.35		.35	4:15PM					.9			.9	

\*\*\*If at Any Time the combined filter effluent turbidity exceeds 5 NTU (>5.49), the state must be notified as soon as possible, but not later than the end of the next business day.\*\*\*

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water/RTOR  
Sample Number: 601133  
Sample Date: 03/06/06  
Date Received: 03/06/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
MICROBIOLOGY				
Total Coliform (CFU/100 ml)	Absent	1	Readycult	03/06/06

Values are reported in colony forming units/100 ml.

FAVED  
3-05-06

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
MONTHLY OPERATIONAL REPORT - Summary Sheet  
SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION

February  
Month

2004  
Year

I. DEMOGRAPHICS SECTION

PWSID#: CO-0207504

System Name: Meadow Mountain WS

Plant ID #: \_\_\_\_\_

Plant Address: \_\_\_\_\_  
Street

All-in-work  
City

80570  
Zip

County: Boulder

Population Served: \_\_\_\_\_

Responsible Party: Stephen Tedford

Daytime Phone: 303 747-2066

\* I certify that the information submitted in this form was obtained by myself or other individuals under my direction or supervision and that the information, to the best of my knowledge and belief, is true, accurate and complete. \*

II. TURBIDITY SECTION [Slow Sand, Diatomaceous Earth, Other (i.e., Bag Filter)]

☐ Check if Plant is Off the Entire Month

	NO. OF SAMPLES	% OF TOTAL SAMPLES
A. TOTAL NUMBER OF TURBIDITY ANALYSES PERFORMED	<u>28</u>	
B. NUMBER OF TURBIDITY ANALYSES ≤ 1 NTU	<u>28</u>	<u>100%</u>
C. NUMBER OF TURBIDITY ANALYSES > 5 NTU	<u>0</u>	

HIGHEST TURBIDITY READING OF THE MONTH .58

D. INDIVIDUAL TURBIDITY CHECKLIST (For Direct or Conventional Only)

1. IS TURBIDITY FROM EACH INDIVIDUAL FILTER RECORDED EVERY 15 MINUTES? ☐ YES ☐ NO

2. DID ANY SINGLE FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 3.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST MONTH?

☐ NO, Go to Question 3.

☐ YES, Schedule Comprehensive Performance Evaluation (CPE) with 30 Days.

3. DID ANY SINGLE FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST 2 MONTHS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Self-assessment completed? \_\_\_\_\_

4. DID ANY SINGLE FILTER EXCEED 0.5 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS AT THE END OF 4 HRS OF OPERATION?

☐ NO, You are finished with the checklist

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

\*\*\* NOTE: If any of the above questions are checked "YES", you must complete IESWTR Form 2 and submit to WQCD along with this form\*\*\*

III. CHLORINATION SECTION

☒ FREE ☐ TOTAL

A. NO. OF CHLORINE RESIDUAL SAMPLES <0.2 mg/L:	<u>0</u>
B. NO. OF CHLORINE RESIDUAL SAMPLES TAKEN FROM DIST. SYSTEM:	<u>28</u>
C. NO. IN DISTRIBUTION SYSTEM WHERE NO CHLORINE WAS DETECTED:	<u>0</u>
D. % OF SAMPLES WHERE NO CHLORINE WAS DETECTED:	<u>0</u>

WAS % IN "D" > 5% IN THE PREVIOUS MONTH: ☐ YES ☒ NO

\*\*\* NOTE: If answer to above question is "YES" and percentage for current month is also > 5%, this is a Treatment Technique (TT) violation\*\*\*

**MONTHLY OPERATIONAL REPORT - Data Sheet**  
**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

Required Number of Turbidity Readings Per Day: 1

*Meadow Mountain WS*

PWSID #: CO-0207504

DAY	TURBIDITY (NTU)								RESIDUAL DISINFECTANT (mg/L)								12. COMMENTS
	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling						HIGHEST TURBIDITY READING	TIME TURBIDITY READ	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling						LOWEST RESIDUAL READING		
	12 to 4		4 to 8		8 to 12				ENTRY POINT TO DISTRIBUTION								
	12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12			12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12			
1																	
2							.41	4:00P								.8	
3			.21				.21	11:00A								.8	
4			.23				.23	10:15P			.10					1.0	
5				.31			.31	4:00P			.9					.9	
6						.21	.21	10:00P					.6			.6	
7						.25	.25	5:00P							.6	.6	
8			.27				.27	9:30A						.6		.6	
9				.29			.29	2:30P			.7					.7	
10		.76					.76	8:30P			.7					.7	
11				.28			.28	1:15P					.6			.6	
12			.29				.29	11:30A			.8					.8	
13					.30		.30	7:30P						.7		.7	
14					.19		.19	5:00P						.6		.6	
15				.42			.42	2:50P					.7			.7	
16			.45				.45	11:00A					.8			.8	
17				.41			.41	2:00P					.7			.7	
18			.58				.58	11:00A			.6					.6	
19					.43		.43	4:00P						.6		.6	
20			.26				.26	4:00A			.8			.6		.8	
21			.39				.39	10:20A			.7					.7	
22			.48				.48	9:30A			.8					.8	
23				.44			.44	2:30P					.9			.9	
24				.56			.56	2:30P					.7			.7	
25					.44		.44	4:40P						.8		.8	
26			.43				.43	3:10P					.8			.8	
27			.55				.55	2:00P			.6					.6	
28					.48		.48	5:00P					.9			.9	
29			.39				.39	1:30P			.8					.8	
30																	
31																	

\*\*\*If at Any Time the combined filter effluent turbidity exceeds 5 NTU (>5.49), the state must be notified as soon as possible, but not later than the end of the next business day.\*\*\*

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water/RTOR  
Sample Number: 600588  
Sample Date: 02/01/06  
Date Received: 02/01/06  
Analysts: LMD

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
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**MICROBIOLOGY**

Total Coliform (CFU/100 ml)	Absent	1	Readycult	02/01/06
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Values are reported in colony forming units/100 ml.

CO-0207504

## ANALYSIS FOR WATERBORNE PARTICULATES

CH Diagnostic and Consulting Service, Inc.  
214 SE 19th Street, Loveland, CO 80537

Invoice 20060021

Brec L. Clay, President/Treasurer; Gregory D. Sturbaum, President/Secretary  
(970) 667-9789

## Customer 20011350

Meadow Mountain Water  
PO Box 394  
Allenspark, CO 80510

## Laboratory Information

Hand Delivery; 1/9/2006; 1120 Hrs; 9.2°C; Wound  
Results submitted by:

*Brec L. Clay* *Gregory D. Sturbaum*

Sample Identification: Finished water

Sample Information: Unchlorinated, TREATMENT: Direct Filtration, DISINFECTION: Post-chlorination

Sample Date & Time: 1/7/2006 02:15 PM —» 1/7/2006 10:00 PM

Sampler: Stephen L. Tedford

Amount: 1097.65 L (290 gal)

Filter Color: White

Filter Type: Polypropylene wound cartridge

Date/Time Eluted: 1/9/2006 04:10 PM

Centrifugate: <0.001 mL/100 L

## RESULTS OF MICROSCOPIC PARTICULATE ANALYSIS

Amount of sample assayed: 109.8 L

Amorphous Debris	silt (2-50 µm), clay (1-2 µm), inorganic precipitate
Algae	100/100 L, predominantly Chlorophytes, Chlamydomonas
Diatoms	400/100 L, predominantly Pennales, Diatoma, Synedra, Achnanthes
Plant debris	ND
Rotifers	ND
Nematodes	ND
Pollen (pine)	.9/100 L
Ameba	5/100 L, test
Ciliates	ND
Colorless Flagellates	2/100 L
Crustaceans	ND
Other Arthropods	ND
Other	ND

This sample was analyzed for particulates following the procedure outlined in: Microscopic Particulate Analysis (MPA) for Filtration Plant Optimization. 1996. USEPA, Region 10, EPA 910-R-96-001. Particle free water used as wash water; organisms counted by natural unit count in a Palmer Maloney Counting Chamber; Section 11.1.1 omitted. All limitations stated in the method apply. If HV capsule or foam filter was received, method was modified by filtering sample through a Pall Envirochek™ HV capsule or IDEXX Filta-Max™ filter at the sample site. If *Giardia* and *Cryptosporidium* Analysis was also performed, then particulate extraction was modified.



00-0207504

# ANALYSIS FOR WATERBORNE PARTICULATES

CH Diagnostic and Consulting Service, Inc.  
214 SE 19th Street, Loveland, CO 80537

Invoice 20060021

Brec L. Clay, President/Treasurer; Gregory D. Sturbaum, President/Secretary  
(970) 667-9789

Customer 20011350  
Meadow Mountain Water  
PO Box 394  
Allenspark, CO 80510

## Laboratory Information

Hand Delivery; 1/9/2006; 1120 Hrs; 11.0°C; Wound  
Results submitted by:

*Brec L. Clay, President*  
*Gregory D. Sturbaum, Secretary*

Sample Identification: Raw water

Sample Information: SOURCE: Stream or River; Unchlorinated

Sample Date & Time: 1/7/2006 03:40 PM —» 1/7/2006 10:00 PM

Sampler: Stephen L. Tedford

Amount: 302.8 L (80 gal)

Filter Color: Light tan

Filter Type: Polypropylene wound cartridge

Date/Time Eluted: 1/9/2006 04:37 PM

Centrifugate: 0.165 mL/100 L

## RESULTS OF MICROSCOPIC PARTICULATE ANALYSIS

Amount of sample assayed: 0.4326 L

Amorphous Debris	silt (2-50 µm), clay (1-2 µm), sand (50-2000 µm), inorganic precipitate, aggregates
Algae	60,000/100 L, predominantly Chlorophytes, Chlamydomonas, some Cyanophytes, Oscillatoria
Diatoms	300,000/100 L, predominantly Pennales, Diatoma, Achnanthes, Synedra, Navicula, Gomphonema, Amphora
Plant debris	ND
Rotifers	200/100 L
Nematodes	900/100 L
Pollen (pine)	9,000/100 L
Ameba	2,000/100 L, test
Ciliates	200/100 L
Colorless Flagellates	ND
Crustaceans	ND
Other Arthropods	ND
Other	ND

This sample was analyzed for particulates following the procedure outlined in: Microscopic Particulate Analysis (MPA) for Filtration Plant Optimization, 1996. USEPA, Region 10, EPA 910-R-96-001. Particle free water used as wash water; organisms counted by natural unit count in a Palmer Maloney Counting Chamber; Section 11.1.1 omitted. All limitations stated in the method apply. If HV capsule or foam filter was received, method was modified by filtering sample through a Pall Envirochek™ HV capsule or IDEXX Filta-Max™ filter at the sample site. If Giardia and Cryptosporidium Analysis was also performed, then particulate extraction was modified.

Water Treatment Plant Evaluation  
Using Microscopic Particulate Analysis (MPA)  
(All limitations of analysis apply)

<b>Date:</b>	1/9/2006	
<b>Raw Water:</b>	Stream or River	
<b>Treatment Plant:</b>	Meadow Mountain Water	
<b>PWSID #:</b>		
<b>Centrifugate</b>	<b>Raw Water</b>	<b>Finished Water</b>
mL/100 L	0.165	<0.001
NTU	unrec.	unrec.
<b>Microorganisms</b>	<b>Raw Water (numbers per 100 L)</b>	<b>Finished Water (numbers per 100 L)</b>
<i>Cryptosporidium total IFA count</i>	NR	NR
<i>Giardia total IFA count</i>	NR	NR
Nondiatomaceous Algae	60,000	100
Diatoms	300,000	400
Plant Debris	ND	ND
Rotifers	200	ND
Nematodes	900	ND
Pollen	9,000	0.9
Ameba	2,000	5
Ciliates	200	ND
Colorless Flagellates	ND	2
Crustaceans	ND	ND
Other Arthropods	ND	ND
Others	ND	ND
<b>Total:</b>	372,300	507.9
<b>Water Treatment Plant Evaluation</b>	<b>Percent Reduction*</b>	<b>Log Reduction</b>
<b>Centrifugate Removal:</b>	>99.45%	>2.3
<b>Microorganism Removal:</b>	99.87%	2.9
None Detected (ND), Not Requested (NR)		
See enclosed reports		
*Values are extended beyond significant numbers for computation.		
<b>Comments:</b>		

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT  
MONTHLY OPERATIONAL REPORT - Summary Sheet  
**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

January  
Month

2004  
Year

**I. DEMOGRAPHICS SECTION**

PWSID#: CO-0207504

System Name: Meadow Mountain Water System Plant ID #: \_\_\_\_\_

Plant Address: \_\_\_\_\_  
Street City Zip

County: Boulder Population Served: 100

Responsible Party: Stephen Tedford Daytime Phone: 303-747-2066

\* I certify that the information submitted in this form was obtained by myself or other individuals under my direction or supervision and that the information, to the best of my knowledge and belief, is true, accurate and complete.\*

**II. TURBIDITY SECTION [Slow Sand, Diatomaceous Earth, Other (i.e., Bag Filter)]**

☐ Check if Plant is Off the Entire Month

	NO. OF SAMPLES	% OF TOTAL SAMPLES
A. TOTAL NUMBER OF TURBIDITY ANALYSES PERFORMED	<u>31</u>	
B. NUMBER OF TURBIDITY ANALYSES $\leq$ 1 NTU	<u>0</u>	<u>0</u>
C. NUMBER OF TURBIDITY ANALYSES $>$ 5 NTU	<u>0</u>	

HIGHEST TURBIDITY READING OF THE MONTH ~~0.53~~

**D. INDIVIDUAL TURBIDITY CHECKLIST (For Direct or Conventional Only)**

1. IS TURBIDITY FROM EACH INDIVIDUAL FILTER RECORDED EVERY 15 MINUTES? ☐ YES ☐ NO

2. DID ANY SINGLE FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 3.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 2.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST MONTH?

☐ NO, Go to Question 3.

☐ YES, Schedule Comprehensive Performance Evaluation (CPE) with 30 Days.

3. DID ANY SINGLE FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MINUTE PERIODS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

DID THIS SAME FILTER EXCEED 1.0 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS DURING THE LAST 2 MONTHS?

☐ NO, Go to Question 4.

☐ YES, What date was the Filter Self-assessment completed? \_\_\_\_\_

4. DID ANY SINGLE FILTER EXCEED 0.5 NTU IN 2 CONSECUTIVE 15 MIN. PERIODS AT THE END OF 4 HRS OF OPERATION?

☐ NO, You are finished with the checklist

☐ YES, What date was the Filter Profile completed? \_\_\_\_\_

\*\* NOTE: If any of the above questions are checked "YES", you must complete IESWTR Form 2 and submit to WQCD along with this form\*\*

**III. CHLORINATION SECTION**

☒ FREE ☐ TOTAL

A. NO. OF CHLORINE RESIDUAL SAMPLES $<$ 0.2 mg/L:	<u>0</u>
B. NO. OF CHLORINE RESIDUAL SAMPLES TAKEN FROM DIST. SYSTEM:	<u>31</u>
C. NO. IN DISTRIBUTION SYSTEM WHERE NO CHLORINE WAS DETECTED:	<u>0</u>
D. % OF SAMPLES WHERE NO CHLORINE WAS DETECTED:	<u>0</u>

WAS % IN "D"  $>$  5% IN THE PREVIOUS MONTH: ☐ YES ☒ NO

\*\*\* NOTE: If answer to above question is "YES" and percentage for current month is also  $>$  5%, this is a Treatment Technique (TT) violation\*\*\*

**MONTHLY OPERATIONAL REPORT - Data Sheet**  
**SLOW SAND, DIATOMACEOUS EARTH & OTHER FILTRATION**

Required Number of Turbidity Readings Per Day: 1

PWSID #: 00-0207504

DAY	TURBIDITY (NTU)								RESIDUAL DISINFECTANT (mg/L)								12. COMMENTS
	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling						HIGHEST TURBIDITY READING	TIME TURBIDITY READ	<input type="checkbox"/> Continuous Sampling <input checked="" type="checkbox"/> Grab Sampling						LOWEST RESIDUAL READING		
	12 to 4	4 to 8	8 to 12	12 to 4	4 to 8	8 to 12			ENTRY POINT TO DISTRIBUTION								
1				.20			.20	1:30 P					.5			.5	
2			.22				.22	11:00 A					.5			.5	
3				.45			.45	2:00 P				.5				.5	
4				.40			.40	2:30 P					.4			.4	
5			.30				.30	11:30 A					.3			.3	
6				.42			.42	3:00 P				.4				.4	
7				.39			.39	2:15 P					.3			.3	
8						.32	.32	10:15 P					.4			.4	
9					.51		.51	5:00 P							.2	.2	
10					.43		.43	7:15 P					.3			.3	
11				.53			.53	2:15 P					.3			.3	
12					.38		.38	4:15 P				.4				.4	
13				.29			.29	2:30 P					.3			.3	
14				.40			.40	1:30 P					.3			.3	
15					.36		.36	7:30 P				.4				.4	
16					.33		.33	5:15 P					.3			.3	
17						.47	.47	8:45 P					.2			.2	
18					.48		.48	4:15 P							.3	.3	
19					.42		.42	5:15 P					.4			.4	
20		.44					.44	7:00 A		.5			.5			.5	
21				.44			.44	1:30 P				.5				.5	
22					.28		.28	7:00 P					.5			.5	
23					.53		.53	4:30 P					.6			.6	
24					.18		.18	5:30 P					.5			.5	
25				.51			.51	2:30 P					.5			.5	
26			.49				.49	10:45 A				.4				.4	
27				.46			.46	3:30 P			.4					.4	
28				.42			.42	3:30 P				.9				.9	
29						.24	.24	10:00 P				.9				.9	
30					.49		.49	5:15 P						1.0		1.0	
31			.18				.18	11:45 P			1.0			1.0		1.0	

\*\*\*If at Any Time the combined filter effluent turbidity exceeds 5 NTU (>5.49), the state must be notified as soon as possible, but not later than the end of the next business day.\*\*\*

Client Name: Meadow Mountain Water Company  
Project Number: 1115-016 (PWSID #CO-0207504)  
Sample Name: Fouts  
Sample Matrix: Water  
Sample Number: 600001  
Sample Date: 01/03/06  
Date Received: 01/03/06  
Analysts: JAK

PARAMETER	TESTED VALUE	DETECT LIMIT	METHOD NUMBER	DATE OF ANALYSIS
<b>MICROBIOLOGY</b>				
Total Coliform (CFU/100 ml)	Absent	1	9223/2	01/03/06

Values are reported in colony forming units/100 ml.

/2 Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992