

0001

file 015/019 #2

United States
Department of
Agriculture

Forest
Service

Manti-LaSal
National Forest

599 West Price River Dr.
Price, Utah 84501

Reply to: 2820

Date: December 12, 1988

RECEIVED
DEC 14 1988

DIVISION OF
OIL, GAS & MINING

Lowell Braxton
State of Utah Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: East Mountain Spring Monitoring Plan, Utah Power and Light Company,
Cottonwood/Wilberg Mine, ACT/015/019-86A, and Deer Creek Mine,
ACT/015/018-86A, Folder #2, Emery County, Utah

Dear Lowell:

Utah Power and Light Company objected to monitoring of six springs which were identified by the Manti-LaSal National Forest for monitoring. The springs are identified in the attached letter prepared by Tom Munson of the Division of Oil, Gas and Mining on May 11, 1988, and the Forest Service UP&L Spring Monitoring Review. As a means for resolving the disagreement, the Manti-LaSal National Forest agreed to inspect the springs and work with UP&L Co. regarding their objections to monitoring. On September 13, 1988, the Division approved the spring monitoring plan with consent of the Manti-LaSal National Forest, with the provision that additional springs could be added to the program as a result of the Forest Service review.

Dale Harber of the Ferron Ranger District of the Manti-LaSal National Forest has been working with Chuck Semborski of UP&L Co. to review the subject six springs. The following determination has been made:

#37 Elk Ridge Spring

✓ This spring has not yet been located on the ground by the Forest Service or UP&L Co. Until the spring's location can be verified on the ground, this spring does not need to be monitored. Another attempt to locate this spring will be made next field season.

#41 Alpine Spring

UP&L Co. feels that since Mike's Spring (79-38), which is presently being monitored, is in the same vicinity and formation, monitoring of Alpine Spring is not necessary. Since both springs have high resource value, have

been developed with water troughs, and are associated with different sandstone lenses in the Price River Formation, the Forest Service will require monitoring of both of these springs.

#57 Flag Lake Spring

UP&L Co. has monitored this spring in the past, but it is not presently included in the monitoring plan. Since there is limited water in this area for wildlife and livestock, this spring has high resource value. This spring needs to be added to the springs to be monitored.

#72 East Mountain Ridge Spring

The spring could not be located, therefore, it will be dropped from the list of springs required for monitoring by the Forest Service.

#75 Snow Lake Spring

This spring either does not exist as originally identified by the Forest Service or flows intermittently. UP&L Co. monitors Spring 84-56, which should be representative of the ground water flow in this area. This spring will be dropped from the list of springs required for monitoring by the Forest Service.

#77 Damp (Seeps) Spring

This spring could not be located on the ground as originally identified by the Forest Service. This spring will be dropped from the list of springs required for monitoring by the Forest Service.

The list of springs identified by the Forest Service for monitoring due to high resource values (UP&L Spring Monitoring Review) has been revised to be consistent with the above determination. If you have any questions, please contact the Forest Supervisor's Office in Price.

Sincerely,



for
GEORGE A. MORRIS
Forest Supervisor

Enclosures

Copy to Dennis Kelly for info.
5/25/88 *CD*



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

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Dianne R. Munson, Ph.D., Division Director

ANTI-LASAL N.F.

MAY 16 1988

FS	ROUTE
RG	
TR	
ENG	
FIN	
AD	

May 11, 1988

C. Reed
cc: D-2

TO: John Whitehead

FROM: Tom Munson *TM*

RE: Monitoring of Springs Requested by the U.S. Forest Service, C/O15/O19-86A, Cottonwood/Wilberg Power and Light, FO15/O19, File #2 Emery County, Utah.

Johns
We need to check these this summer and decide on whether or not they should be monitored.
ALTER R.
CD

Synopsis

A meeting was held 6/2/87 with DOGM/UP&L/USFS in Price, Utah concerning the USFS list of springs to be monitored by UP&L. A field verification meeting to verify which of the unlocated springs the USFS wanted monitored by UP&L took place on 7/9/88 on East Mountain. At this meeting Mark Chatterton of the Ferron District of the USFS was to have helped UP&L locate those springs that the USFS felt should be monitored. Since the USFS failed to bring the proper maps, nothing was accomplished. This memo then reiterates the need to clear up this issue of spring monitoring and proposes the following means of doing this.

Analysis

The following is a list of springs which were proposed by USFS but have not been resolved and agreed upon by the USFS and UP&L.

<u>LIST#</u>	<u>SPRING</u>	<u>LOCATION</u>	<u>RESOURCE</u>	<u>OWNER</u>
37.	Elk Ridge Spring (New)	T175,R7E,S10	Livestock WR#93-1421	FS
41.	Alpine Spring (New)	T175,R7E,S16	Trough	FS
57.	79-28 Flag Lake	T175,R7E,S20	Pond	PL
72.	East Mtn.Ridge Spr. (New)	T175,R7E,S22	Livestock Use WR#93-3181	FS

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T. Munson
USFS, C/015/019-86A
May 11, 1988

75.	Snow Lake Spr.	T175,R7E,S28	Pond WR #93-1602	FS
77.	Damp (Seeps Spr.)	T175,R7E,S29/32	Trough	FS

Source: USFS, UP&L Spring Monitoring Review

Recommendations

1. UP&L respond to the USFS in a letter by June 15, 1988, telling the USFS which of the following springs they either cannot locate or are not essential for monitoring based on information UP&L is aware of.

2. The springs which UP&L cannot help the USFS locate must be field verified by the USFS in June and July. If they can or cannot locate these springs and if they feel they constitute a valid monitoring point then the USFS will notify both the Division and UP&L of their decision by the end of July. This will allow UP&L time to monitor these springs, this year, for baseline quality and quantity data, if appropriate.

General Notes

It seems appropriate that the USFS supply information to UP&L on the field location of these springs by the end of July since UP&L has made every attempt to comply with the USFS requests for monitoring but cannot carry out these requests without field verification of these sites by the USFS. When this matter is cleared up then amendment C/015/019-86A can be resolved.

TM/as
cc: Chuck Semborski, Field Office
Carter Reid, USFS, Price
Joe Helfrich, DOGM
9486R/55-56

UP&L SPRING MONITORING REVIEW

	SPRING	MONITOR ¹	LOCATION	RESOURCE	OWNER
1.	SPRING NUMBER 1 (NEW)	Y	T16S, R7E, S20	WR 93-261	FS
2.	NORTH SPRINGS	YR	T16S, R7E, S28	DEVELOPED	FS
3.	SOUTH SPRINGS	YR	T16S, R7E, S28	DEVELOPED	FS
4.	SIDE CANYON SPRINGS	Y	T16S, R7E, S28	DEVELOPED	FS
5.	80-50		T16S, R7E, S29	LIVESTOCK	FS
6.	80-48	Y	T16S, R7E, S33	TROUGH	FS
7.	80-49	Y	T16S, R7E, S33	TROUGH	FS
8.	EAST MOUNTAIN TANK	Y	T17S, R6E, S 1	TROUGH	FS
9.	PINE SPRING TROUGH	Y	T17S, R6E, S 1	TROUGH	FS
				WR# 93-1616	FS
10.	79- 4 LOCATION CHANGED FROM 83		T17S, R6E, S12		FS
11.	79- 5		T17S, R6E, S12		FS
12.	79- 6 (BRUCE RAND SPRING)	Y	T17S, R6E, S12	WR# 93-1622	FS
13.	79- 7		T17S, R6E, S12		FS
14.	79- 8		T17S, R6E, S12		FS
15.	79- 9 (DILLS SPRING)	Y	T17S, R6E, S12	TROUGH	FS
				WR# 93-1616	FS
16.	79-10	R	T17S, R6E, S12		FS
17.	79-30 (dropped 5 spring revw.)		T17S, R6E, S13		FS
18.	79-31 (dropped 5 spring revw.)		T17S, R6E, S13		FS
19.	ELK SPRING	YR	T17S, R7E, S 5	POND	PL
20.	79-18		T17S, R7E, S 5		PL
21.	79-19		T17S, R7E, S 5		PL
22.	79-20		T17S, R7E, S 5		PL
3.	84-54		T17S, R7E, S 5		PL
24.	79-16	Y	T17S, R7E, S 6	POND	PL
25.	79-17		T17S, R7E, S 6		PL
26.	DRY		T17S, R7E, S 6		PL
27.	79- 1	Y	T17S, R7E, S 7	TROUGH	FS
28.	SHEBA SPRING	YR	T17S, R7E, S 7	TROUGH	FS
				WR# 93-1617	FS
29.	WHITE ROCK SPRING (NEW)	Y	T17S, R7E, S 7	WR# 93-1619	FS
30.	79-13		T17S, R7E, S 8		PL
31.	79-14		T17S, R7E, S 8		PL
32.	79-15	Y	T17S, R7E, S 8	WILDLIFE	PL
33.	79-34		T17S, R7E, S 8		PL
34.	79-35	R	T17S, R7E, S 8		PL
35.	79-36 LOCATION CHANGED FROM 83		T17S, R7E, S 8		PL
36.	79-37		T17S, R7E, S 8		PL
37.	ELK RIDGE SPRING (NEW)	Y	T17S, R7E, S10	LIVESTOCK	FS
				WR 93-1421	FS
38.	84-57	Y	T17S, R7E, S10	WILDLIFE	PL
39.	82-52 SHEEP HEARDERS SPRING	R	T17S, R7E, S15		PL
40.	79-23 GRIMES WASH #1	YR	T17S, R7E, S15	LIVESTOCK USE	FS
				WR# 93-1610	FS
41.	ALPINE SPRING (NEW)	Y	T17S, R7E, S16	TROUGH	FS
42.	JERK WATER SPRING (RUES SPR.)	Y	T17S, R7E, S16	TROUGH	FS

¹ Y in this column identifies the springs the Forest Service wants monitored.
R in this column identifies the recession study springs.

	SPRING	MONITOR ¹	LOCATION	RESOURCE	OWNER
43.	PINES SPRING	Y	T17S, R7E, S16	TROUGH & POND	FS
44.	BURNT TREE SPRING	YR	T17S, R7E, S16	TROUGH & POND	FS
45.	79-38 MIKE'S SPRING	Y	T17S, R7E, S16	TROUGH	FS
46.	79-12	Y	T17S, R7E, S17	WILDLIFE	PL
47.	TED'S TUB		T17S, R7E, S17		PL
48.	79-11		T17S, R7E, S18		PL
49.	79-26	YR	T17S, R7E, S18	POND	PL
50.	79-27		T17S, R7E, S18	POND	PL
51.	79-29	Y	T17S, R7E, S18	POND	PL
52.	79-25 ROAN SPRING (#3)	Y	T17S, R7E, S18	WR# 93-1615	FS
53.	79-32	YR	T17S, R7E, S19	WILDLIFE	PL
54.	79-33 (dropped 5 spring revw.)		T17S, R7E, S19		PL
55.	79-21	Y	T17S, R7E, S20	POND	PL
56.	79-22		T17S, R7E, S20	POND	PL
57.	79-28 FLAG LAKE	Y	T17S, R7E, S20	POND	PL
58.	79-3		T17S, R7E, S20		PL
59.	80-43		T17S, R7E, S20		PL
60.	79-39		T17S, R7E, S20		PL
61.	84-53		T17S, R7E, S20		PL
62.	84-55		T17S, R7E, S20		PL
63.	79- 2 SURGING SPRING		T17S, R7E, S21		PL
64.	79-40 LOCATION CHANGED FROM 83		T17S, R7E, S21 - 20		PL
65.	80-41		T17S, R7E, S21		PL
66.	80-42		T17S, R7E, S21		PL
67.	80-44	YR	T17S, R7E, S21	WILDLIFE	PL
68.	80-45		T17S, R7E, S21		PL
69.	80-46		T17S, R7E, S21		PL
70.	80-47		T17S, R7E, S21		PL
71.	79-24 TOM'S SPRING	Y	T17S, R7E, S22	TROUGH	
				WR# 93-1608	FS
72.	EAST MOUNTAIN RIDGE SPR. (NEW)	Y	T17S, R7E, S22	LIVESTOCK USE	FS
				WR# 93-3181	FS
73.	GRIMES WASH SPRING #2 (one of the two springs)	Y	T17S, R7E, S23	TROUGH	FS
74.	82-51 (FIRST WATER RIDGE SPR.)	Y	T17S, R7E, S26	TROUGH	FS
				WR# 93-1605	FS
75.	SNOW LAKE SPRING	Y	T17S, R7E, S28	POND	FS
				WR# 93-1602	FS
76.	84-56		T17S, R7E, S28		FS
77.	DAMP (SEEPS SPRING)	Y	T17S, R7E, S29/32	TROUGH	FS

Could not be located on the ground

Could not be located. Probably only FS intermittent

Could not be located on the ground

TOTAL NUMBER OF SPRINGS TO BE MONITORED AFTER THIS REVIEW 38
 35 req. by FS + 3 req. by DCGM in addition = 38

¹ Y in this column identifies the springs the Forest Service wants monitored
 R in this column identifies the recession study springs.

UP&L SPRING MONITORING REVIEW

<u>SPRING</u>	<u>CROSS REFERENCE</u>
1. SHEBA	28
2. ELK SPRINGS	19
3. BURNT TREE	44
4. JERK WATER SPRING	42
5. PINES SPRINGS	43
6. PINE SPRINGS TROUGH	9
7. TED'S TUB	47
8. 79- 1	27
9. 79- 2	63
10. 79- 3	58
11. 79- 4	10
12. 79- 5	11
13. 79- 6	12
14. 79- 7	13
15. 79- 8	14
16. 79- 9 (DILLS SPRING)	15
17. 79-10	16
18. 79-11	48
19. 79-12	46
20. 79-13	30
21. 79-14	31
22. 79-15	32
23. 79-16	24
24. 79-17	25
25. 79-18	20
26. 79-19	21
27. 79-20	22
28. 79-21	55
29. 79-22	56
30. 79-23	40
31. 79-24	71
32. 79-25	52
33. 79-26	49
34. 79-27	50
35. 79-28	57
36. 79-29	51
37. 79-30	17
38. 79-31	18
39. 79-32	53
40. 79-33	54
41. 79-34	33
42. 79-35	34

SPRING		CROSS REFERENCE
43.	79-36	35
44.	79-37	36
45.	79-38 MIKE'S SPRING	45
46.	79-39	60
47.	79-40	64
48.	80-41	65
49.	80-42	66
50.	80-43	59
51.	80-44	67
52.	80-45	68
53.	80-46	69
54.	80-47	70
55.	80-48	6
56.	80-49	7
57.	80-50	5
58.	82-51 (FIRST WATER RIDGE SPR.)	74
59.	82-52	39
60.	84-53	61
61.	84-54	23
62.	84-55	62
63.	84-56	76
64.	84-57	38
65.	NORTH SPRINGS	2
66.	SOUTH SPRING	3
67.	SIDE CANYON SPRINGS	4
68.	EAST MOUNTAIN TANK	8
69.	DRY	26
70.	GRIMES WASH SPRING #2	73
71.	SNOW LAKE SPRING	75
-72.	SPRING NUMBER 1 (NEW)	1
-73.	WHITE ROCK SPRING (NEW)	29
-74.	ELK RIDGE SPRING (NEW)	37
-75.	ALPINE SPRING (NEW)	41
76.	EAST MOUNTAIN RIDGE SPR. (NEW)	72
77.	DAMP (SEEPS SPRING) (NEW)	77