CROW BUTTE RESOURCES, INC.

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September 18, 2002

Mr. Michael Linder, Director
Nebraska Department of Environmental Quality
P.O. Box 98922
Lincoln, NE 68509-8922

Subject: UIC Permit NEO122611
Source Material License SUA-1534, Docket No. 40-8943
Evaporation Pond No. 1 Liner Leak
Monthly Report

Dear Mr. Linder:

On August 20, 2002, during routine weekly monitoring of Crow Butte Resources, Inc.'s (CBR) Evaporation Pond No. 1, CBR determined that conductivity readings from the northwest underdrain had reached the action limit and potentially indicated a pond liner leak. Mr. Dave Carlson of the Nebraska Department of Environmental Quality (NDEQ) was notified at approximately 3:00 p.m. on August 20, 2002 of the potential liner leak as required by Part II, Section B.2 of the UIC Permit. This report provides analytical data, monitoring results, mitigative actions, and the results of those actions as required by the permit.

CBR has been closely monitoring the NW underdrain since August 20, 2002 when the water level in the underdrain reached ten (10) inches. As required by the CBR Evaporation Pond Inspection Plan (CBR, February 1996), conductivity measurements from the underdrain were initiated. On August 20, 2002, the conductivity of the NW drain was 85,200 µmho/cm and the conductivity of the pond was 118,600µmho/cm. This exceeded the 50% action level that indicates a potential pond leak. From August 20th through September 17th, the underdrain conductivity measurements ranged from 85,200 µmho/cm to 10,540 µmho/cm and averaged 36,446 µmho/cm. As can be seen in Figure 1, the conductivity level shows a downward trend. CBR believes this trend is due to the underdrain flushing program which is used to decontaminate the underdrain water so that any additional fluid leakage is discernable.

As required by the CBR Evaporation Pond Inspection Plan, a water sample was collected from the underdrain and analyzed for chloride, alkalinity, conductivity, sodium, and sulfate. The sample results indicated that the concentrations of the indicator parameters in the underdrain were elevated but were not approaching concentrations that are similar to the pond contents. CBR also began weekly sampling of the northwest underdrain with analysis for alkalinity, chloride, sodium, conductivity, and sulfate. Attachment 1 contains copies of the Weekly Evaporation Pond Underdrain Analysis forms and the analytical results from the CBR Laboratory. Samples were obtained on August 20 and 27, and September 3, 10 and 17, 2002.

On August 20, 2002, CBR changed the pond waste feed from Pond 1 to Pond 3 and began lowering Pond 1. An immediate visual inspection of the liner in the northwest quadrant of the pond resulted in the discovery of a 2" x 8" worn area with five small penetrations on the underdrain pipe bump-up at water level. The worn area was created by the rubbing action of a loose PVC float against the liner. The PVC float was removed to prevent similar occurrences in the future. No other liner failures were found during

NMSS01

the inspection. GSE Linings of Hastings, Nebraska repaired the damaged area on September 10, 2002 by welding a patch over the area.

The NW underdrain was the only location where potential pond leakage could be detected and there was no apparent escape from the ponds secondary liner system. In an effort to clean the contaminated underdrain to allow for future monitoring, approximately 500 gallons of contaminated fluid was recovered from the underdrain and three batches (300-500 gallons each) of fresh water was used to flush the system. The flush water was collected and properly disposed of. Conductivity has declined as a result of the flushing program and is currently well below the 50% action level. The water level in the NW underdrain has been stable below six inches, except due to the flushing program, since the pond water level was dropped below the liner tear.

As required in the CBR Evaporation Pond Onsite Inspection Program and by Permit condition, the measurement frequency of the water levels in the southwest underdrain was increased to daily. Attachment 2 contains copies of the Commercial Pond Inspection Forms for the period August 20 through September 17, 2002. Weekly analysis of the underdrain contents, if water is available, will be continued until CBR is sure that all leaks have been repaired.

If you have any questions or require further information, please do not hesitate to call me at (308) 665-2215.

Sincerely,
CROW BUTTE RESOURCES, INC.

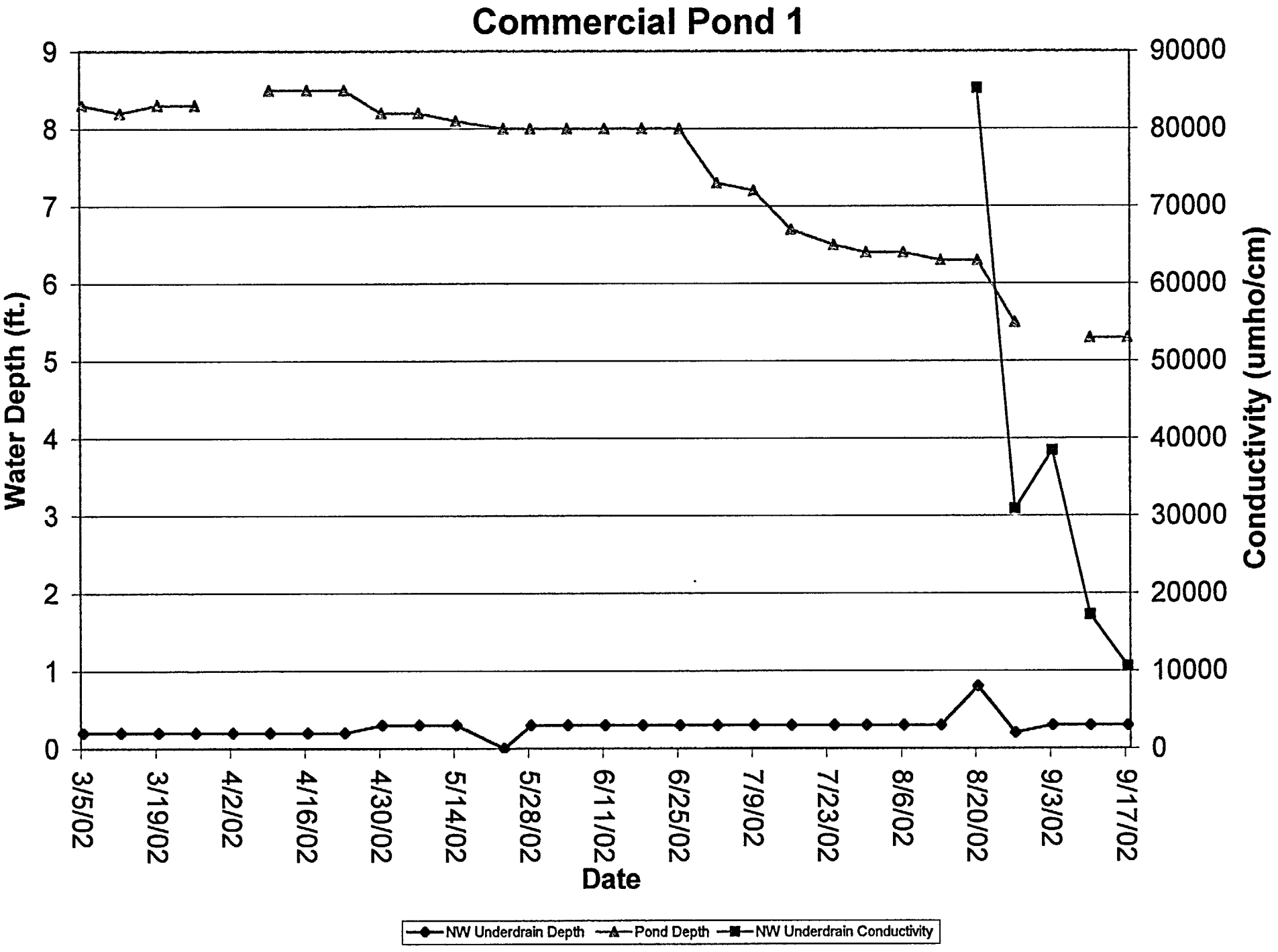
Michael Griffin
Manager of Health, Safety, and Environmental Affairs

Enclosures: As Stated

Cc: Mr. Dave Carlson – NDEQ, Chadron
Mr. Steve Collings – CBR, Denver
Mr. Dan Gillen – NRC, Rockville
Mr. John Lusher – ADDRESSEE ONLY, NRC, Rockville

Figure 1

Pond Monitoring Results


Commercial Pond 1
Water Depth (ft.)
Conductivity (umho/cm)
Date
0
1
2
3
4
5
6
7
8
9
10000
20000
30000
40000
50000
60000
70000
80000
90000
3/5/02
3/19/02
4/2/02
4/16/02
4/30/02
5/14/02
5/28/02
6/11/02
6/25/02
7/9/02
7/23/02
8/6/02
8/20/02
9/3/02
9/17/02
NW Underdrain Depth
Pond Depth
NW Underdrain Conductivity

Attachment 1

Pond 1 Underdrain Analysis

CROW BUTTE PROJECT
WEEKLY EVAPORATION POND UNDERDRAIN ANALYSIS

COMMERCIAL PONDS		UNDERDRAIN WATER DEPTH-INCHES	INSTRUMENT READING	TEMPERATURE °C	TEMPERATURE CORRECTION	CONDUCTIVITY umhos/cm	LAB MEASUREMENT
NORTH POND 1	POND CONTENTS	6'3					
	N.E. UNDERDRAIN	0					
	N.M. UNDERDRAIN	1					
	N.W. UNDERDRAIN	4					
	S.E. UNDERDRAIN	0					
	S.M. UNDERDRAIN	0					
	S.W. UNDERDRAIN	5					
SOUTH POND 3	POND CONTENTS	7'9					
	N.E. UNDERDRAIN	5					
	N.M. UNDERDRAIN	8	700	21	1.08	756	
	N.W. UNDERDRAIN	3					
	S.E. UNDERDRAIN	0					
	S.M. UNDERDRAIN	7	3900	21	1.08	4212	
	S.W. UNDERDRAIN	9	700	20	1.11	777	
POND NUMBER 4	POND CONTENTS	5'6"					
	N.E. UNDERDRAIN	14	8000	21	1.08	8640	
	N.M. UNDERDRAIN	13	1650	21	1.08	1782	
	N.W. UNDERDRAIN	11	13000	20	1.11	14430	
	S.E. UNDERDRAIN	15	9000	20	1.11	9990	
	S.M. UNDERDRAIN	9	2300	21	1.08	2484	
	S.W. UNDERDRAIN	7	6000	21	1.08	6480	

DATE: 8/13/02

ACTION LIMIT EXCEEDED? N/A

SAMPLER/ANALYST: CL

REMARKS:

CROW BUTTE PROJECT
WEEKLY EVAPORATION POND UNDERDRAIN ANALYSIS

COMMERCIAL PONDS		UNDERDRAIN WATER DEPTH-INCHES	INSTRUMENT READING	TEMPERATURE °C	TEMPERATURE CORRECTION	CONDUCTIVITY umhos/cm	LAB MEASUREMENT
NORTH POND 1	POND CONTENTS	6'3					118,600
	N.E. UNDERDRAIN	1					
	N.M. UNDERDRAIN	1					
	N.W. UNDERDRAIN	10					85,200
	S.E. UNDERDRAIN	0					
	S.M. UNDERDRAIN	0					
	S.W. UNDERDRAIN	6	7000	18	1.15	8050	
SOUTH POND 3	POND CONTENTS	7'9"					108,000
	N.E. UNDERDRAIN	7	600	19	1.13	678	
	N.M. UNDERDRAIN	10	3600	20	1.11	3996	
	N.W. UNDERDRAIN	4					
	S.E. UNDERDRAIN	0					
	S.M. UNDERDRAIN	8	3800	18	1.15	4370	
	S.W. UNDERDRAIN	9	700	19	1.13	791	
POND NUMBER 4	POND CONTENTS	5'4					141,800
	N.E. UNDERDRAIN	14	8000	19	1.13	9040	
	N.M. UNDERDRAIN	13	1700	19	1.13	1921	
	N.W. UNDERDRAIN	12	14000	20	1.11	15540	
	S.E. UNDERDRAIN	14	8000	17	1.18	9440	
	S.M. UNDERDRAIN	9	2300	19	1.13	2599	
	S.W. UNDERDRAIN	9	6000	19	1.13	6780	

DATE: 8-20-02

ACTION LIMIT EXCEEDED? N/A

SAMPLER/ANALYST: Rocky

REMARKS:

20-Aug-02

SM/LG/TF

	Alk	Cl	Cond	SO_4	Na
	mg/L	mg/L	µmhos	mg/L	mg/L
POND #1 NW (underdrain)	1350	32,946	85,200	4316	23,028

20-Aug-02

SM/LG

	Alk mg/L	Cl mg/L	Cond µmhos	SO_4 mg/L	Na mg/L
Pond Contents #1	2,600	46,554	118,600	7,107	35,262
Pond Contents #3	2,400	35,811	108,000	6,336	31,334
Pond Contents #4	4,050	59,088	141,800	8,591	45,136

CROW BUTTE PROJECT
WEEKLY EVAPORATION POND UNDERDRAIN ANALYSIS

COMMERCIAL PONDS		UNDERDRAIN WATER DEPTH-INCHES	INSTRUMENT READING	TEMPERATURE -C	TEMPERATURE CORRECTION	CONDUCTIVITY umhos/cm	LAB MEASUREMENT
NORTH POND 1	POND CONTENTS	5' 6"					
	N.E. UNDERDRAIN	1"					
	N.M. UNDERDRAIN	1"					
	N.W. UNDERDRAIN	2"					*30900
	S.E. UNDERDRAIN	1"					
	S.M. UNDERDRAIN	0"					
	S.W. UNDERDRAIN	5"					
SOUTH POND 3	POND CONTENTS	8' 1"					
	N.E. UNDERDRAIN	5"					
	N.M. UNDERDRAIN	9"	1200	18°	1.15	1380	
	N.W. UNDERDRAIN	5"					
	S.E. UNDERDRAIN	1"					
	S.M. UNDERDRAIN	8"	3700	19°	1.13	4181	
	S.W. UNDERDRAIN	9"	900	20°	1.11	999	
POND NUMBER 4	POND CONTENTS	5' 2"					
	N.E. UNDERDRAIN	14	8000	20°	1.11	8880	
	N.M. UNDERDRAIN	13	1800	19°	1.13	2034	
	N.W. UNDERDRAIN	12	13000	20°	1.11	14430	
	S.E. UNDERDRAIN	15	8000	18°	1.15	9200	
	S.M. UNDERDRAIN	9	2200	20°	1.11	2442	
	S.W. UNDERDRAIN	9	6000	21°	1.08	6480	

DATE: 8-27-02

ACTION LIMIT EXCEEDED? Not

SAMPLER/ANALYST: Ben. T Boggs

REMARKS: \ Water level too low to measure
* pond # 1 NW Sample to Lab underdrain Leak Analysis.

R.D. west 4'10"
East 5'7"

27-Aug-02

SM/LG/TF

	Alk	Cl	Cond	SO_4	Na
	mg/L	mg/L	µmhos	mg/L	mg/L
POND #1	465	11,460	30,900	1259	6,808
NW Underdrain					

CROW BUTTE PROJECT
WEEKLY EVAPORATION POND UNDERDRAIN ANALYSIS

COMMERCIAL PONDS		UNDERDRAIN WATER DEPTH-INCHES	INSTRUMENT READING	TEMPERATURE °C	TEMPERATURE CORRECTION	CONDUCTIVITY umhos/cm	LAB MEASUREMENT
NORTH POND 1	POND CONTENTS	☆					
	N.E. UNDERDRAIN	1					
	N.M. UNDERDRAIN	1					
	N.W. UNDERDRAIN	4					
	S.E. UNDERDRAIN	0					
	S.M. UNDERDRAIN	0					
	S.W. UNDERDRAIN	6	7000	18°	1.15	8050	
SOUTH POND 3	POND CONTENTS	☆					
	N.E. UNDERDRAIN	8	700	16°	1.21	847	
	N.M. UNDERDRAIN	10	1100	17°	1.18	1298	
	N.W. UNDERDRAIN	5					
	S.E. UNDERDRAIN	0					
	S.M. UNDERDRAIN	8	3400	17°	1.18	4012	
	S.W. UNDERDRAIN	9	700	18°	1.15	805	
POND NUMBER 4	POND CONTENTS	☆					
	N.E. UNDERDRAIN	14	8000	19°	1.13	9040	
	N.M. UNDERDRAIN	13	1700	19°	1.13	1921	
	N.W. UNDERDRAIN	12	14000	19°	1.13	15820	
	S.E. UNDERDRAIN	14	3900	18°	1.15	4485	
	S.M. UNDERDRAIN	9	2400	19°	1.13	2712	
	S.W. UNDERDRAIN	9	7000	19°	1.13	7910	

DATE: 9-3-02

ACTION LIMIT EXCEEDED? N/A

SAMPLER/ANALYST: M

REMARKS: ☆ to Windy For Pond Depths

3-Sep-02

SM/LG

	Alk	Cl	Cond	SO_4	Na
	mg/L	mg/L	µmhos	mg/L	mg/L
POND #1	490	14,235	38,400	2,019	9,231
NW Underdrain					

CROW BUTTE PROJECT
WEEKLY EVAPORATION POND UNDERDRAIN ANALYSIS

COMMERCIAL PONDS		UNDERDRAIN WATER DEPTH-INCHES	INSTRUMENT READING	TEMPERATURE °C	TEMPERATURE CORRECTION	CONDUCTIVITY umhos/cm	LAB MEASUREMENT
NORTH POND 1	POND CONTENTS	5'4					
	N.E. UNDERDRAIN	1					
	N.M. UNDERDRAIN	1					
	N.W. UNDERDRAIN	3					
	S.E. UNDERDRAIN	0					
	S.M. UNDERDRAIN	0					
	S.W. UNDERDRAIN	6	7000	19	1.13	7910	
SOUTH POND 3	POND CONTENTS	8'4					
	N.E. UNDERDRAIN	8	700	19	1.13	791	
	N.M. UNDERDRAIN	10	1200	19	1.13	1356	
	N.W. UNDERDRAIN	5					
	S.E. UNDERDRAIN	0					
	S.M. UNDERDRAIN	8	4000	19	1.13	4520	
	S.W. UNDERDRAIN	8	1000	19	1.13	1130	
POND NUMBER 4	POND CONTENTS	5'3					
	N.E. UNDERDRAIN	14	8000	20	1.11	8880	
	N.M. UNDERDRAIN	12	1700	20	1.11	1887	
	N.W. UNDERDRAIN	11	14000	20	1.11	15540	
	S.E. UNDERDRAIN	14	7000	19	1.13	7910	
	S.M. UNDERDRAIN	9	2500	20	1.11	2775	
	S.W. UNDERDRAIN	10	6000	20°	1.11	6660	

DATE: 9-10-02

ACTION LIMIT EXCEEDED? N/A

SAMPLER/ANALYST: Rocky

REMARKS:
Pond leak - Pond #1 - NW underdrain
patched on 9/10/02

10-Sep-02

SM/TF

	Alk	Cl	Cond	SO_4	Na
	mg/L	mg/L	µmhos	mg/L	mg/L
POND #1 NW Underdrain	340	6,268	17,190	718	3,664

CROW BUTTE PROJECT
WEEKLY EVAPORATION POND UNDERDRAIN ANALYSIS

COMMERCIAL PONDS		UNDERDRAIN WATER DEPTH-INCHES	INSTRUMENT READING	TEMPERATURE °C	TEMPERATURE CORRECTION	CONDUCTIVITY umhos/cm	LAB MEASUREMENT
NORTH POND 1	POND CONTENTS	5'3"					
	N.E. UNDERDRAIN	1					
	N.M. UNDERDRAIN	1					
	N.W. UNDERDRAIN	3					
	S.E. UNDERDRAIN	0					
	S.M. UNDERDRAIN	0					
	S.W. UNDERDRAIN	6	7000	19	1.13	7910	
SOUTH POND 3	POND CONTENTS	8'6"					
	N.E. UNDERDRAIN	7	500	18	1.15	575	
	N.M. UNDERDRAIN	11	1300	18	1.15	1495	
	N.W. UNDERDRAIN	3					
	S.E. UNDERDRAIN	0					
	S.M. UNDERDRAIN	8	3600	18	1.15	4140	
	S.W. UNDERDRAIN	9	700	18	1.15	805	
POND NUMBER 4	POND CONTENTS	5'7					
	N.E. UNDERDRAIN	14	8000	20	1.11	8880	
	N.M. UNDERDRAIN	11	1700	19	1.13	1921	
	N.W. UNDERDRAIN	11	13000	19	1.13	14690	
	S.E. UNDERDRAIN	14	6000	19	1.13	6780	
	S.M. UNDERDRAIN	9	2500	19	1.13	2825	
	S.W. UNDERDRAIN	10	6000	19	1.13	6780	

DATE: 9-17-02

ACTION LIMIT EXCEEDED? N/A

SAMPLER/ANALYST: Rocky

REMARKS:

17-Sep-02

SM/TF/LG

	Alk	Cl	Cond	SO_4	Na
	mg/L	mg/L	µmhos	mg/L	mg/L
POND #1 NW Underdrain	290	3,223	10,540	443	2,226

CROW BUTTE MINE
COMMERCIAL POND 1
2002 DATA

TABLE 1F

DATE	DEPTH of WATER (ft)	UNDERDRAIN MEASUREMENTS (in)						CONDUCTIVITY (umhos/cm)						NOTES
		NE	NM	NW	SE	SM	SW	NE	NM	NW	SE	SM	SW	Pond Cond
11/6/01	8 4	0.0	0.1	0 3	0 0	0 0	0 3							
11/13/01	8.3	0 0	0.1	0.3	0.0	0 0	0.3							
11/20/01	8.3	0 0	0.1	0.3	0.0	0 0	0.3							
11/27/01	-	0 0	0.1	0.3	0.0	0 0	0 3							
12/4/01	8 3	0 0	0 1	0.3	0.0	0 0	0.3							
12/11/01	8 3	0 0	0 0	0.2	0.0	0 0	0 3							
12/19/01	-	0 0	0.0	0 2	0.0	0 0	0 3							
12/26/01	-	0.0	0 0	0 2	0.0	0.0	0 3							
1/2/02	8 4	0 0	0 0	0.2	0.0	0 0	0 3							
1/8/02	8 5	0 0	0 0	0 2	0 0	0 0	0 3							
1/15/02	8 5	0 0	0 0	0 2	0 0	0 0	0.3							
1/22/02	8 5	0 0	0.0	0 2	0 0	0 0	0.3							
1/28/02	8 5	0 0	0 0	0 2	0.0	0 0	0.3							
2/5/02	8 5	0 0	0.0	0 1	0 0	0 0	0.2							92,000
2/12/02	8 3	0.0	0 0	0.1	0 0	0 0	0.2							
2/19/02	8 3	0.0	0 0	0 1	0 0	0 0	0 3							
2/27/02	8 3	0.1	0.0	0 3	0 0	0 0	0 4						7,056	
3/5/02	8.3	0.1	0.0	0 2	0 0	0.0	0.3						7,266	
3/12/02	8.2	0.1	0.0	0 2	0 0	0.0	0 3						6,920	
3/19/02	8.3	0 1	0 0	0 2	0 0	0.0	0.3							
3/26/02	8.3	0.1	0.0	0 2	0 0	0.0	0.3							88,500
4/2/02	-	0.1	0 0	0 2	0 0	0 0	0 4							
4/9/02	8 5	0 0	0 0	0.2	0.0	0 0	0 4							
4/16/02	8 5	0 0	0 0	0.2	0.0	0.0	0.4							
4/23/02	8 5	0.0	0 0	0.2	0.0	0 0	0 4							
4/30/02	8 2	0 0	0 0	0.3	0.0	0 0	0.3							
5/7/02	8 2	0 0	0 0	0 3	0 0	0 0	0 3							
5/14/02	8 1	0 0	0 0	0 3	0 0	0 0	0 4							
5/23/02	8 0	0 0	0.1	0 0	0 0	0 0	0 4							
5/28/02	8 0	0 0	0.1	0.3	0 0	0 0	0 4							94,400
6/4/02	8 0	0 0	0 1	0.3	0 0	0 0	0 4							
6/11/02	8 0	0.0	0.1	0 3	0 0	0 0	0.4							
6/18/02	8 0	0 0	0.1	0 3	0 0	0 0	0 4							
6/25/02	8.0	0 0	0.1	0 3	0 0	0 0	0.4							100,800
7/2/02	7.3	0.0	0.0	0.3	0 0	0 0	0.4							
7/9/02	7.2	0 0	0.1	0 3	0 0	0 0	0.4							
7/16/02	6.7	0 0	0.1	0 3	0 0	0 0	0.4							
7/24/02	6.5	0.0	0.1	0 3	0 0	0 0	0.4							
7/30/02	6.4	0.0	0.1	0 3	0 0	0 0	0.4							112,600
8/6/02	6 4	0.0	0.4	0 3	0 0	0 0	0.4							
8/13/02	6.3	0.0	0.1	0.3	0 0	0 0	0.4							
8/20/02	6.3	0.1	0.1	0.8	0 0	0 0	0.5			85,200			8,050	118,600
8/27/02	5 5	0.1	0.1	0 2	0 1	0 0	0.4			30,900				
9/3/02	-	0.1	0.1	0.3	0 0	0 0	0.5			38,400			8,050	
9/10/02	5.3	0.1	0.1	0 3	0 0	0 0	0.5			17,190			7,910	
9/17/02	5.3	0.1	0.1	0 3	0 0	0 0	0.5			10,540			7,910	
9/24/02														
10/1/02														
10/8/02														
10/15/02														
10/22/02														
10/29/02														
10/30/01														

Minimum	0 0	0 0	0 0	0.0	0 0	0 0	0.2	0 0	0 0	10540 0	0 0	0.0	6920 0	88500 0
Maximum	8 5	0 1	0 4	0.8	0 1	0 0	0.5	0 0	0 0	85200 0	0 0	0.0	8050.0	118600 0
Std Dev		0 0	0 1	0.1	0 0	0 0	0.1							

Attachment 2

Commercial Pond Inspection Forms

CROW BUTTE MINE

COMMERCIAL POND INSPECTION FORM

For The Week Of 18 Aug 02 through 24 Aug 02

CHECK ACCORDINGLY: √=OK X=NEEDS ATTENTION OR REPAIRS

LOCATION	FREQUENCY	SUN	MON	TUE	WED	THU	FRI	SAT
POND ~~1~~-DEPTH	Daily	6'3"	6'2"	6'3"	6'	5'11"	5'11"	5'10"
EMBANKMENTS	Daily	✓	✓	✓	✓	✓	✓	✓
N.E. UNDERDRAIN	Weekly			1				
N.M. UNDERDRAIN	Weekly			1				
N.W. UNDERDRAIN	Weekly			10	9"	2"	9"	2"
S.E. UNDERDRAIN	Weekly			0				
S.M. UNDERDRAIN	Weekly			0				
S.W. UNDERDRAIN	Weekly			6	[illegible]			
POND 3-DEPTH	Daily	7'9"	7'8"	7'9"	7'8"	7'10'	7'10"	7'10"
EMBANKMENTS	Daily	✓	✓	✓	✓	✓	✓	✓
N.E. UNDERDRAIN	Weekly			7				
N.M. UNDERDRAIN	Weekly			10				
N.W. UNDERDRAIN	Weekly			4				
S.E. UNDERDRAIN	Weekly			0				
S.M. UNDERDRAIN	Weekly			8				
S.W. UNDERDRAIN	Weekly			9				
POND 4-DEPTH	Daily	5'5"	5'4"	5'4"	5'4"	5'4"	5'4"	5'4"
EMBANKMENTS	Daily	✓	✓	✓	✓	✓	✓	✓
N.E. UNDERDRAIN	Weekly			14				
N.M. UNDERDRAIN	Weekly			13				
N.W. UNDERDRAIN	Weekly			12				
S.E. UNDERDRAIN	Weekly			14				
S.M. UNDERDRAIN	Weekly			9				
S.W. UNDERDRAIN	Weekly			9				
INSPECTED INLET PIPING	Weekly			✓				
PERIMETER FENCE	Weekly			✓				
INSPECTED LINERS	Weekly			✓				
INSPECTED DIVERSION DITCHES	Monthly							
INSPECTED WASTE PIPELINE	Monthly							
OTHER (EXPLAIN BELOW)				*	*	*		
INSPECTOR INITIAL HERE ▶		vonForell	Kevin Vog	Rocky	Berman	[illegible]	Lemmon	T WATSON

COMMENTS: Small Leak Found in Pond #1 NW underdrain Line
Steps Being taken to Repair

* Get A Daily Underdrain Depth

↖ Wrong One

CROW BUTTE MINE

COMMERCIAL POND INSPECTION FORM

For The Week Of 8-25-02 through 8-31-02

CHECK ACCORDINGLY: √=OK X=NEEDS ATTENTION OR REPAIRS

LOCATION	FREQUENCY	SUN	MON	TUE	WED	THU	FRI	SAT
POND 1-DEPTH	Daily	5'8"	5'7"	5'6"	5'5"	*	5'1"	5'1"
EMBANKMENTS	Daily	✓	✓	✓	✓	✓		✓
N.E. UNDERDRAIN	Weekly			1				
N.M. UNDERDRAIN	Weekly			1				
* N.W. UNDERDRAIN	Weekly	2"	2"	2"	2"	3"	3"	3"
S.E. UNDERDRAIN	Weekly			1"				
S.M. UNDERDRAIN	Weekly			0"				
S.W. UNDERDRAIN	Weekly			5"				
POND 3-DEPTH	Daily	8'0"	8'[illegible]"	8'1"	8'1"	*	8'4"	8'4"
EMBANKMENTS	Daily	✓	✓	✓	✓	✓	✓	✓
N.E. UNDERDRAIN	Weekly			5"				
N.M. UNDERDRAIN	Weekly			9"				
N.W. UNDERDRAIN	Weekly			5"				
S.E. UNDERDRAIN	Weekly			1"				
S.M. UNDERDRAIN	Weekly			8"				
S.W. UNDERDRAIN	Weekly			9"				
POND 4-DEPTH	Daily	5'3"	5'3"	5'2"	5'2"	*	5'2"	5'2"
EMBANKMENTS	Daily	✓	✓	✓	✓	✓	✓	✓
N.E. UNDERDRAIN	Weekly			14"				
N.M. UNDERDRAIN	Weekly			13"				
N.W. UNDERDRAIN	Weekly			12"				
S.E. UNDERDRAIN	Weekly			15"				
S.M. UNDERDRAIN	Weekly			9"				
S.W. UNDERDRAIN	Weekly			9"				
INSPECTED INLET PIPING	Weekly			✓				
PERIMETER FENCE	Weekly			✓				
INSPECTED LINERS	Weekly			✓				
INSPECTED DIVERSION DITCHES	Monthly			✓				
INSPECTED WASTE PIPELINE	Monthly			✓				
OTHER (EXPLAIN BELOW)					*	*		
INSPECTOR INITIAL HERE ▶		WATSON	B. Lemmon	B. Lemmon	B. Lemmon	B. Lemmon	B. Lemmon	T. WATSON

COMMENTS: 8/29/02 Couldn't Get Accurate Depth Windy
8/30/02 Shut Pond Transfer off Water level 24" below Patch

* GET A DAILY UNDERDRAIN DEPTH

8-23-02 Pumped NW underdrain Pond #1 "flush water" 500 gal. BL

CROW BUTTE MINE

COMMERCIAL POND INSPECTION FORM 7

For The Week Of 9-1-02 through 9-8-02

CHECK ACCORDINGLY: √=OK X=NEEDS ATTENTION OR REPAIRS

LOCATION	FREQUENCY	SUN	MON	TUE	WED	THU	FRI	SAT
POND 1-DEPTH	Daily	5'1"	5'1"	☆	5'1"	5'	5'	5'
EMBANKMENTS	Daily	✓	✓	✓	✓	✓	✓	✓
N.E. UNDERDRAIN	Weekly			1				
N.M. UNDERDRAIN	Weekly			1				
* N.W. UNDERDRAIN	Weekly	3"	3"	4"	4"	4*	10"*	4"
S.E. UNDERDRAIN	Weekly			0				
S.M. UNDERDRAIN	Weekly			0				
S.W. UNDERDRAIN	Weekly			6				
POND 3-DEPTH	Daily	8'4"	8'4"	☆	8'4"	8'4"	8'3"	8'4"
EMBANKMENTS	Daily	✓	✓	✓	✓	✓	✓	✓
N.E. UNDERDRAIN	Weekly			8				
N.M. UNDERDRAIN	Weekly			10				
N.W. UNDERDRAIN	Weekly			5				
S.E. UNDERDRAIN	Weekly			0				
S.M. UNDERDRAIN	Weekly			8				
S.W. UNDERDRAIN	Weekly			9				
POND 4-DEPTH	Daily	5'2"	5'2"	☆	5'0"	5'2"	5'1"	5'
EMBANKMENTS	Daily	✓	✓	✓	✓	✓	✓	✓
N.E. UNDERDRAIN	Weekly			14				
N.M. UNDERDRAIN	Weekly			13				
N.W. UNDERDRAIN	Weekly			12				
S.E. UNDERDRAIN	Weekly			14				
S.M. UNDERDRAIN	Weekly			9				
S.W. UNDERDRAIN	Weekly			9				
INSPECTED INLET PIPING	Weekly			✓				
PERIMETER FENCE	Weekly			✓				
INSPECTED LINERS	Weekly			✓				
INSPECTED DIVERSION DITCHES	Monthly							
INSPECTED WASTE PIPELINE	Monthly							
OTHER (EXPLAIN BELOW)								
INSPECTOR INITIAL HERE ▶		Watson	Watson	Rocky	B Lemmon	B Lemmon	B Lemmon	BARCAL

COMMENTS: 9-3-02 ☆ Windy No Pond Depths

* Get a daily underdrain depth

9/5/02 Added 500 gal fresh flush water After Checking Depth BJ

9/6/02 Recovering flush water ✓

CROW BUTTE MINE

COMMERCIAL POND INSPECTION FORM

For The Week Of 9-8-02 through 9-14-02

CHECK ACCORDINGLY: √=OK X=NEEDS ATTENTION OR REPAIRS

LOCATION	FREQUENCY	SUN	MON	TUE	WED	THU	FRI	SAT
POND 1-DEPTH	Daily	5'1"	5'1"	5'4	5'4"	5'4"	5'4"	5'4"
EMBANKMENTS	Daily	√	√	√	√	√	√	√
N.E. UNDERDRAIN	Weekly			1				
N.M. UNDERDRAIN	Weekly			1				
Daily N.W. UNDERDRAIN	Weekly	4"	4"	3	3" *	9"	8" *	2 ½"
S.E. UNDERDRAIN	Weekly			0	√	√		
S.M. UNDERDRAIN	Weekly			0				
S.W. UNDERDRAIN	Weekly			6				
POND 3-DEPTH	Daily	8'4"	8'4"	8'4"	8'4"	8'4"	8'4"	8'4"
EMBANKMENTS	Daily	√	√	√	√	√	√	√
N.E. UNDERDRAIN	Weekly			8				
N.M. UNDERDRAIN	Weekly			10				
N.W. UNDERDRAIN	Weekly			5				
S.E. UNDERDRAIN	Weekly			0				
S.M. UNDERDRAIN	Weekly			8				
S.W. UNDERDRAIN	Weekly			8				
POND 4-DEPTH	Daily	5'	5'	5'3"	5'3"	5'3"	5'3"	5'3
EMBANKMENTS	Daily	√	√	√	√	√	√	√
N.E. UNDERDRAIN	Weekly			14				
N.M. UNDERDRAIN	Weekly			12				
N.W. UNDERDRAIN	Weekly			11				
S.E. UNDERDRAIN	Weekly			14				
S.M. UNDERDRAIN	Weekly			9				
S.W. UNDERDRAIN	Weekly			10				
INSPECTED INLET PIPING	Weekly			√				
PERIMETER FENCE	Weekly			√				
INSPECTED LINERS	Weekly			√				
INSPECTED DIVERSION DITCHES	Monthly							
INSPECTED WASTE PIPELINE	Monthly							
OTHER (EXPLAIN BELOW)								
INSPECTOR INITIAL HERE ▶		Hageman	B Pemmer	[illegible]	B Pemmer	B Pemmer	B Pemmer	[illegible]

COMMENTS: * Added Aprox 300 gal Fresh Flush Water
* 9/13/02 sucking flush Water Out of Underdrain