

Lowermoor Incident - Hair and Nail Sample Analysis (%)

	<u>Cu</u>				<u>Fe</u>				<u>Zn</u>				<u>Pb</u>				<u>Ca</u>				<u>Al</u>				<u>MG not Se</u>			
	R	A	N	B	R	A	N	B	R	A	N	B	R	A	N	B	R	A	N	B	R	A	N	B	R	A	N	B
RNNNo	1	6	6	8	1	5	15	0	0	1	6	14	5	3	10	3	1	1	10	9	14	2	5	0	1	1	16	3
%	6	28	28	38	6	23	71	0	0	6	28	66	24	14	48	14	6	6	48	40	66	11	23	0	6	6	74	14
	<u>Cu</u>				<u>Fe</u>				<u>Zn</u>				<u>Pb</u>				<u>Ca</u>				<u>Al</u>				<u>Se</u>			
	R	A	N	B	R	A	N	B	R	A	N	B	R	A	N	B	R	A	N	B	R	A	N	B	R	A	N	B
HAIR																												
Early	49	52	9	3	35	23	36	18	3	6	13	91	73	19	5	16	6	6	30	71	89	8	16	0	0	7	47	59
%	43	46	8	3	31	20	32	16	3	5	12	80	65	17	4	14	5	5	26	63	79	7	14	0	0	6	42	52
Latest	10	42	89	6	12	38	97	0	0	2	26	119	129	17	0	1	10	38	82	17	100	23	24	0	0	3	39	105
%	6	29	61	4	8	26	66	0	0	1	18	81	88	12	0	0	6	26	56	12	68	16	16	0	0	2	27	71
NAIL	61	10	0	0	39	11	14	7	4	1	9	57	51	8	2	10	1	2	34	34	71	0	0	0	24	20	25	1
%	86	14	0	0	54	20	16	10	6	2	12	80	72	11	3	14	1	3	48	48	100	0	0	0	34	29	36	1

R = raised minimum of 50% above control norms

A = above control norms

N = within control norms

B = below control norms

Sample Period

RNNNo = Dr Newman's samples

Drs Newman's/Ward's Samples - 21

Dec 1988 / early 1989

Total Nail samples - 71

Hom'c Early Hair samples - 113

Early Hair and Nails :- July 1989 - Dec 1990

Hom'c Latest Hair Samples - 147

Latest Hair :- Dec 1990 - May 1991