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From: "Marc Stilson" <mstilson@rbgengineering.com>
To: "Brad Price" <bprice@rbgengineering.com>
Date: 12/12/2005 3:18:31 PM
Subject: Grassy Trail Dam Monitoring

Attached are the latest Piezometer Readings. The 12-09-05 reading is the baseline reading for the New Monitoring Period. Baseline readings have also began on the inclinometers and the accelerometers.

CC: <mkstilson@hotmail.com>

GRASSY TRAIL DAM PIEZOMETER & OBSERVATION WELL READINGS

TAKE READINGS AT RIM ELEV.

			05-2		79-4	95-3		05-4		79-3	05-3A	05-3		95-2		95-6
			5+62		5+15	4+14		~4+14		3+63	2+77	2+71				
Dam Crest Elev. (ft)		7600.0	PIEZ.	PIEZ.	O.W.	PIEZ.		PIEZ.		O.W.	PIEZ	PIEZ	PIEZ	PIEZ		PIEZ
Spillway Elev. (ft)		7592.5	8	9	1	2	3	13	14	4	10	11	12	5		7
Rim Elev. (ft)			7601.5		7601.8	7601.7		7558.9	7558.9	7601.7	7601.8	7601.7	7601.7	7528.8		7519.5
Tip Elev. (ft)		(actual)	7554.5	7535.1	7491.8	7525.4	7491.0	7521.0	7499.5	7491.7	7550.8	7572.0	7529.5	7501.5	7479.5	7493.0
Piezometer Location:			CREST	CREST	CREST	CREST	CREST	D.S. SLOPE	D.S. SLOPE	CREST	CREST	CREST	CREST	TOE		TOE
			EMBANK	FOUND	EMBANK/FOUND	EMBANK	FOUND	EMBANK	FOUND	EMBANK/FOUND	EMBANK	EMBANK	FOUND	FOUND		FOUND
Date	Initials	Reservoir Elevation	45.75' (47')	65' (66.4')	110'	76.2' (76.3')	110.7'	36.5' (37.9')	58.6' (59.4')	110'	49.5' (51')	28.5' (29.7')	84.0' (72.2')	21.3	32.5'	26.5'
4-20-0		-36"	23.2		37.4	54.5		35.0	52.8			19.6	61.7	21.3	9'	14.6
9-12-0	LW		23.9	26.6	37.9	54.4	91.1	35.1			31.5	20.4	61.7			
		-59"			39.3	54.5		35.3		29.7			61.8	29.4	9.7	14.5
9-28-0	LW	-45"		27.4	40.4	54.5	91.6		54.8	90.0	32.3	21.3	61.8	22.8	9.7	15.7
10-7-05	LWD	-72"		27.6			91.6	35.0	54.8		32.5		61.8	23.0	9.5	15.8
10-14-0	LW	-69"	25.4	28.1	41.6	54.6	91.8	35.4	54.9	91.4	32.8	22.0	61.9	23.1	9.6	15.7
	WD	-63"	25.2			54.6	91.7	35.0		91.8	22.8	22.2	61.9			15.7
	WD	-68"	25.5	28.4	26.0			35.2	56.6		32.8	22.3	62.0			16.0
11-9-05	LW	-75"	26.0	27.7	26.7		97.7	35.4	56.6	93.6	33.0	22.4	62.0	25.2	10.8	16.0
11-18-05	WD	-73½"	26	28	26.1	54.6		35.4	56.4	92.6	33.2	22.7	62	25.7	11.2	16.4
		-44½"				54.5		35.4	57.0				62.2	26.3		

Sheila Morrison - Piez. Readings.12.09.05.pdf