

**AVERAGE % TDG FOR 12 HIGHEST HOURS
WITH AVERAGE DAILY SPILLS**

July 9 - July 22, 2002

Gage name:		LGNW	LGS FB	LGSW	LMN	LMNW	IHR	IDSW	MCQW	MCQO	MCPW	JDA	JHAW	TDA	TDDO	BON	WRNO	CWMW
DATE		LWG TW	LGS FB	LGS TW	LMN FB	LMN TW	IHR FB	IHR TW	MCN FB-W	MCN FB-O	MCN TW	JDA FB	JDA TW	TDA FB	TDA TW	BON FB	BON TW	CAMAS FB
7/9	% TDG	110.5	110.6	110.9	113.4	109.8	110.9	113.8	113.4	114.0	116.7	111.5	117.6	111.5	117.0	112.0	115.6	111.4
7/9	Avg Spill	13.8	---	13.6	---	0.0	---	37.4	---	---	36.5	---	62.1	---	81.3	---	109.7	---
7/10	% TDG	108.9	109.4	111.0	112.1	109.1	110.8	112.7	114.9	114.2	116.3	113.7	117.8	115.1	118.9	114.2	117.0	114.1
7/10	Avg Spill	7.6	---	13.1	---	0.0	---	31.2	---	---	36.7	---	60.9	---	80.2	---	115.4	---
7/11	% TDG	110.9	110.0	110.5	113.9	108.7	111.1	113.2	119.1	116.1	118.8	113.0	118.0	113.7	118.4	115.6	117.7	116.9
7/11	Avg Spill	10.9	---	14.5	---	0.0	41.3	41.3	---	---	90.1	---	56.1	---	85	---	122.8	---
7/12	% TDG	114.6	111.9	112.7	115.1	111.8	113.0	113.9	119.1	117.8	117.2	112.8	118.6	113.8	118.3	113.2	116.9	115.9
7/12	Avg Spill	27.5	---	23.6	---	0.0	---	35.5	---	---	77.1	---	62.8	---	89.4	---	120.2	---
7/13	% TDG	111.8	114.3	111.8	116.2	112.3	112.8	114.0	119.0	118.2	118.2	114.2	119.7	113.2	118.1	113.1	114.0	114.3
7/13	Avg Spill	9.7	---	9.4	---	0.0	---	35.9	---	---	97.3	---	90.6	---	97.1	---	84.7	---
7/14	% TDG	103.7	107.9	105.0	111.0	109.9	110.5	113.5	116.5	116.7	118.1	112.4	119.6	109.3	116.4	109.7	111.8	111.2
7/14	Avg Spill	0	---	0	---	0	---	31.9	---	---	94.3	---	73.1	---	94.3	---	85.6	---
7/15	% TDG	113.2	109.5	112.0	111.2	111.2	110.0	113.1	115.1	114.5	115.3	110.1	119.2	110.3	117.1	109.6	114.6	112.8
7/15	Avg Spill	13.8	---	11.2	---	0.0	---	33.6	---	---	55.1	---	59.1	---	98.8	---	121.7	---
7/16	% TDG	107.3	110.3	109.5	111.3	110.5	110.0	112.4	116.4	117.8	115.4	108.9	117.3	111.5	116.4	110.4	117.0	113.9
7/16	Avg Spill	5.4	---	5.1	---	0.0	---	30.7	---	---	49.9	---	50.5	---	72.2	---	127.9	---
7/17	% TDG	103.1	109.0	108.2	110.2	107.9	110.1	112.8	115.5	116.5	117.4	107.3	119.7	110.5	117.0	109.8	115.0	114.1
7/17	Avg Spill	0.0	---	0.0	---	0.0	---	33.2	---	---	85.4	---	89.9	---	97.3	---	91	---
7/18	% TDG	102.0	106.9	108.2	110.2	107.9	110.1	113.2	113.6	114.8	116.2	106.9	118.9	108.9	116.1	110.1	113.5	112.8
7/18	Avg Spill	0.0	---	0.0	---	0.0	---	34.4	---	---	71.7	---	72.5	---	95.2	---	93.3	---
7/19	% TDG	101.8	106.2	104.9	108.3	107.0	109.3	112.8	112.6	114.2	114.1	106.9	118.5	107.3	115.0	110.0	114.9	112.2
7/19	Avg Spill	0.0	---	0.0	---	0.0	---	27.1	---	---	36	---	61.4	---	86.2	---	95	---
7/20	% TDG	102.3	106.6	105.3	108.4	107.2	108.8	112.4	113.7	115.2	116.4	106.3	118.5	108.0	114.7	108.7	116.0	113.8
7/20	Avg Spill	0.0	---	0.0	---	0.0	---	28.7	---	---	60.7	---	65.6	---	79.7	---	98.2	---
7/21	% TDG	102.7	108.1	104.8	109.0	106.7	108.0	111.3	113.6	113.1	115.0	108.4	116.6	109.3	115.7	111.4	122.1	117.6
7/21	Avg Spill	0.0	---	0.0	---	0.0	---	27	---	---	56.2	---	46.6	---	87.2	---	164.6	---
7/22	% TDG	102.8	110.0	103.9	110.9	106.8	109.4	110.9	114.9	113.9	116.0	109.6	117.2	113.7	118.0	114.8	121.3	120.3
7/22	Avg Spill	0.0	---	0.0	---	0.0	---	21.6	---	---	66.4	---	58.5	---	93.1	---	151.6	---

* Note: Many variables influenced TDG levels so gas levels can not be directly correlated with spill amounts. Variables influencing TDG levels include spill amount; lag time; total flow; water and air temperatures; wind; algae; flow deflectors and project design.