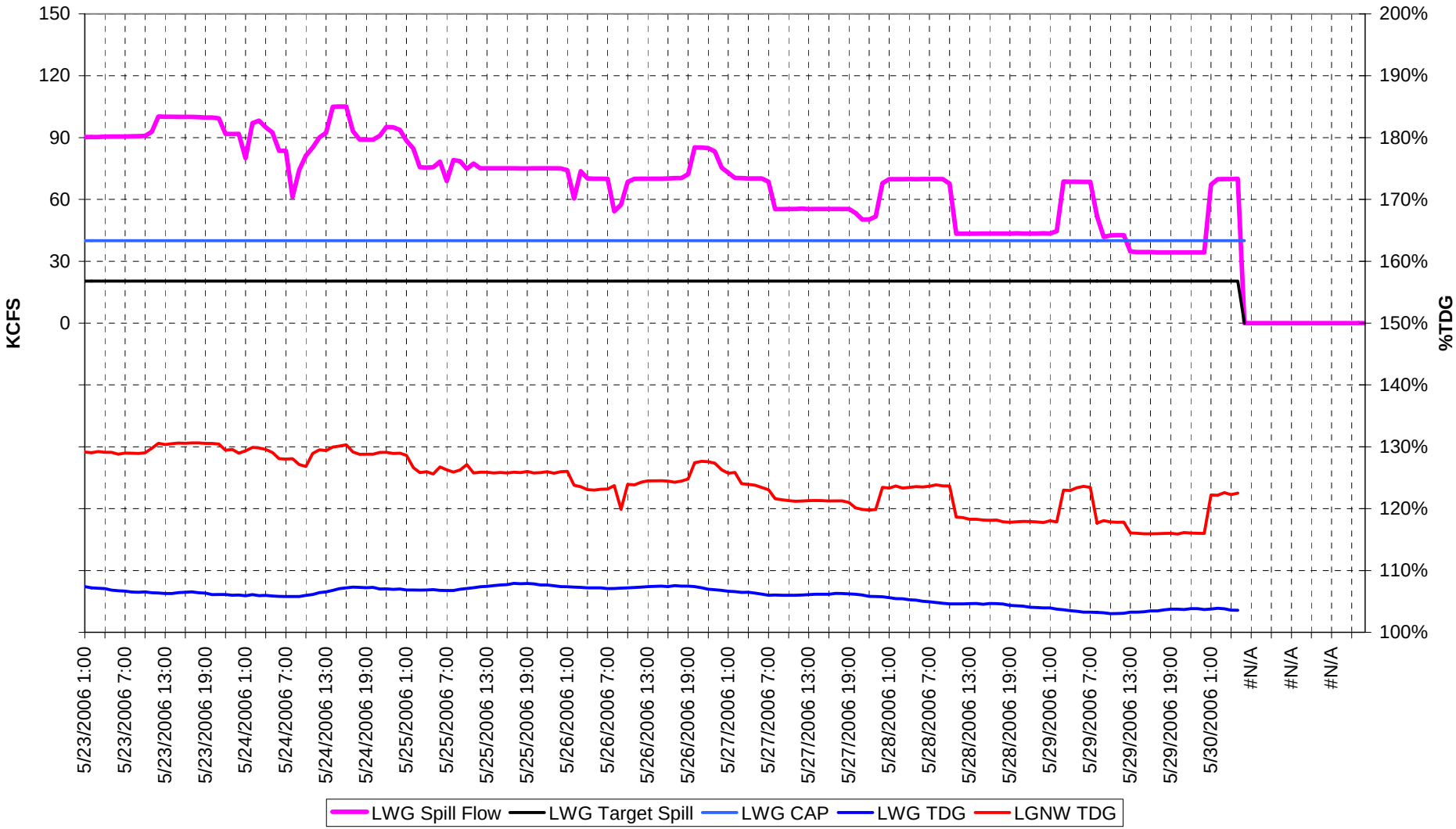
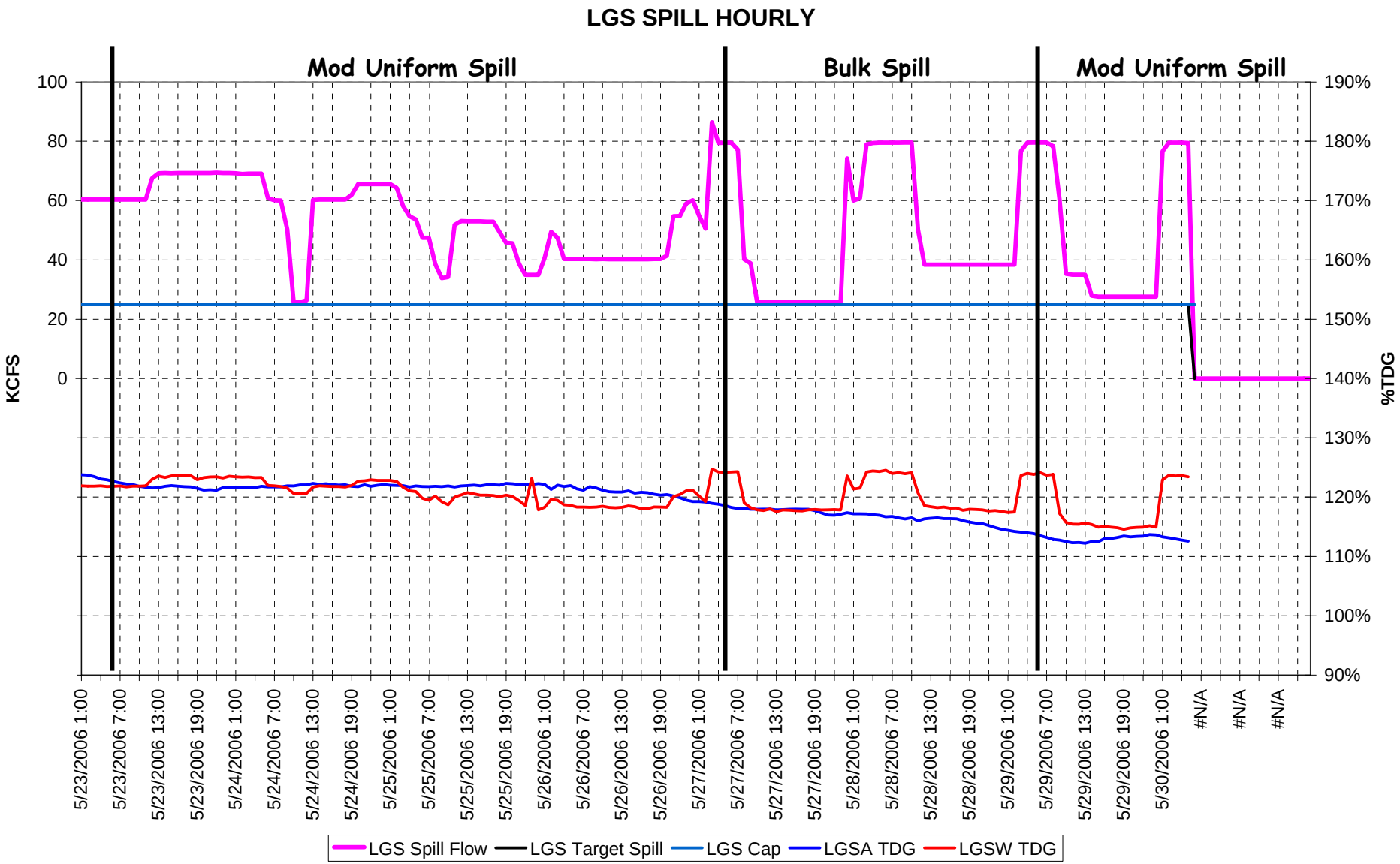
Project Operations Update

23 May – 30 May

Date	Monitoring Stations (full list)																	
	LWG	LGNW	LGSA	LGSW	LMNA	LMNW	IHRA	IDSW	MCNA	MCPW	JDY	JHAW	TDA	TDDO	BON	CCIW	WRNO	CWMW
Gas Cap %	115	120	115	120	115	120	115	120	115	120	115	120	115	120	115	120	120	115
05/01/2006	106.0	123.8	112.0	117.6	114.2	118.4	113.3	120.6	111.6	119.8	112.3	116.6	112.5	116.3	111.5	122.5	114.3	112.0
05/02/2006	105.4	121.6	115.0	117.3	115.2	117.7	113.4	119.9	112.4	120.3	109.5	121.2	116.3	120.4	114.3	122.9	117.6	116.3
05/03/2006	106.2	119.6	117.4	118.5	117.2	118.4	114.8	118.9	111.7	120.3	111.3	120.6	116.9	119.9	119.3	122.6	119.9	118.1
05/04/2006	106.7	119.4	116.9	118.1	116.8	117.4	115.7	117.2	113.9	119.8	113.3	119.7	115.1	118.6	119.1	124.1	119.7	118.6
05/05/2006	107.0	118.0	117.4	118.1	117.6	117.5	116.3	117.2	115.0	115.6	116.3	119.1	115.1	118.5	117.8	120.9	117.8	117.9
05/06/2006	107.2	117.4	116.7	117.9	116.7	118.2	115.9	117.0	114.1	118.4	114.7	118.6	113.3	117.1	114.7	119.6	115.0	114.8
05/07/2006	106.3	117.4	112.9	114.7	115.4	118.2	114.5	118.3	110.4	119.7	112.7	118.8	111.7	116.8	112.1	120.2	113.0	112.3
05/08/2006	104.8	117.6	109.9	113.7	113.0	117.0	112.4	119.5	108.2	117.3	109.8	118.9	110.4	115.6	111.4	120.9	112.8	111.4
05/09/2006	104.2	115.8	110.1	115.1	110.9	115.6	111.5	118.9	110.1	114.8	106.9	118.8	112.9	117.8	113.6	122.2	114.2	113.5
05/10/2006	105.5	113.6	111.3	116.5	114.5	121.5	112.9	119.6	111.8	119.1	108.2	119.3	112.0	117.5	116.0	120.5	115.7	114.6
05/11/2006	106.8	110.9	112.4	115.3	117.0	121.7	115.4	118.1	113.6	119.6	109.7	119.1	113.2	117.2	116.3	120.0	116.3	115.7
05/12/2006	106.2	110.4	111.3	114.4	116.6	121.3	116.0	116.7	112.8	119.1	110.3	120.1	112.7	117.4	112.5	120.1	113.9	113.4
05/13/2006	104.7	110.3	108.6	113.7	114.2	120.4	115.3	116.9	111.6	118.9	111.4	120.1	114.7	118.9	114.2	121.4	114.7	113.5
05/14/2006	104.9	113.7	108.4	112.0	114.4	119.8	115.7	119.3	113.1	117.1	112.0	118.6	115.5	118.7	116.7	119.9	117.0	116.6
05/15/2006	106.2	119.1	109.2	112.3	115.5	118.8	116.6	118.6	115.9	115.1	113.2	118.7	116.7	119.3	117.0	120.8	116.9	115.4
05/16/2006	106.6	122.3	111.3	116.6	115.3	118.8	116.2	118.0	116.6	115.4	114.3	118.8	114.8	117.9	117.0	119.5	116.8	117.0
05/17/2006	106.6	125.1	116.2	118.1	118.9	119.7	116.6	120.8	117.2	115.9	117.1	120.2	116.8	118.8	115.2	120.6	115.4	116.0
05/18/2006	106.5	129.7	119.5	122.1	120.4	121.4	118.5	123.0	117.0	120.5	117.5	120.2	117.2	119.7	115.4	122.8	117.5	116.0
05/19/2006	107.1	131.0	120.8	123.1	123.6	122.5	119.0	123.5	116.2	121.7	116.7	120.5	116.3	119.4	116.6	124.9	118.9	117.1
05/20/2006	107.0	131.6	121.4	125.7	123.8	125.0	119.3	124.5	115.0	122.3	115.0	120.8	116.0	118.9	116.4	125.2	119.1	118.3
05/21/2006	108.1	132.9	124.7	126.9	128.7	126.4	122.9	125.4	116.3	121.6	115.4	120.2	116.4	119.6	117.7	123.2	119.7	118.2
05/22/2006	108.7	130.9	125.4	124.3	129.7	124.0	124.5	124.5	117.3	121.4	115.8	121.2	115.8	119.4	118.1	125.3	120.1	118.2
05/23/2006	106.8	130.4	122.6	123.4	124.1	122.4	121.7	124.1	114.9	120.5	115.3	121.1	116.2	119.0	115.9	122.2	119.0	117.0
05/24/2006	107.1	129.6	122.1	122.9	124.3	122.3	120.4	123.9	113.9	120.2	115.4	122.6	116.8	119.3	116.2	122.5	119.4	117.1
05/25/2006	107.7	126.5	122.1	121.2	124.0	121.1	121.1	123.5	113.1	120.0	114.5	121.0	116.2	119.3	117.6	122.9	120.0	118.2
05/26/2006	107.4	125.8	121.5	119.4	122.4	119.7	120.2	120.7	112.8	121.1	114.2	120.8	114.5	117.7	117.1	122.4	119.2	117.9
05/27/2006	106.3	123.2	118.4	121.5	119.9	121.2	117.7	120.1	110.4	121.8	112.9	123.3	115.2	119.3	113.3	122.2	117.1	116.1
05/28/2006	105.0	122.7	116.8	123.0	121.5	119.1	116.8	117.9	112.0	121.6	110.5	122.1	115.6	120.8	114.8	122.2	117.4	114.8
05/29/2006	103.7	120.1	113.7	120.2	119.6	119.9	114.8	117.2	112.3	121.7	109.6	122.1	114.2	118.8	116.6	122.8	119.4	118.5
05/30/2006	103.7	122.3	112.9	123.4	117.0	122.1	113.5	119.0	112.6	121.5	109.8	121.8	113.6	119.6	117.3	123.0	120.3	117.4
5/31/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

LWG SPILL HOURLY




LGS SPILL HOURLY
Mod Uniform Spill
Bulk Spill
Mod Uniform Spill
KCFS
%TDG
100
80
60
40
20
0
190%
180%
170%
160%
150%
140%
130%
120%
110%
100%
90%
5/23/2006 1:00
5/23/2006 7:00
5/23/2006 13:00
5/23/2006 19:00
5/24/2006 1:00
5/24/2006 7:00
5/24/2006 13:00
5/24/2006 19:00
5/25/2006 1:00
5/25/2006 7:00
5/25/2006 13:00
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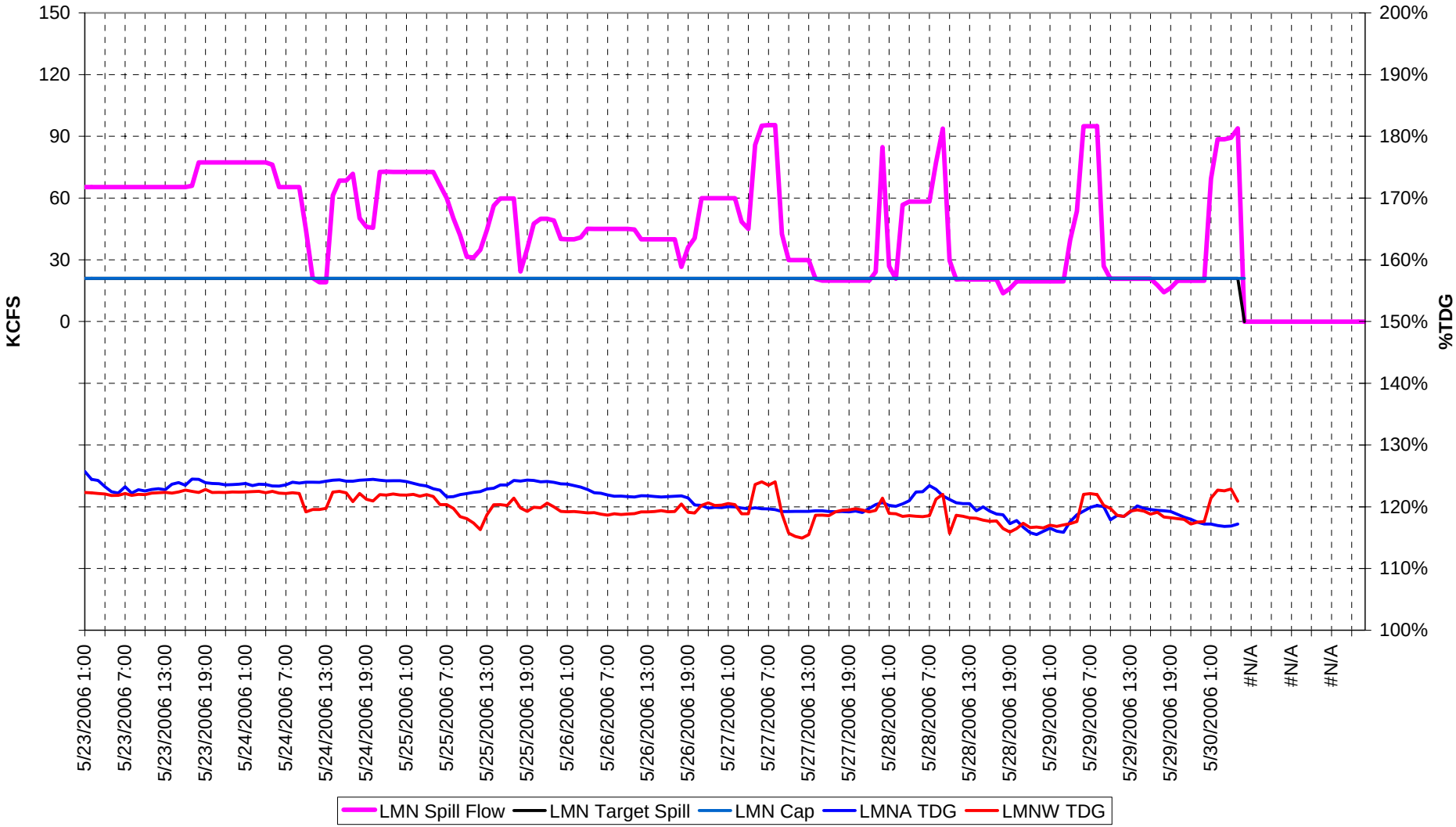
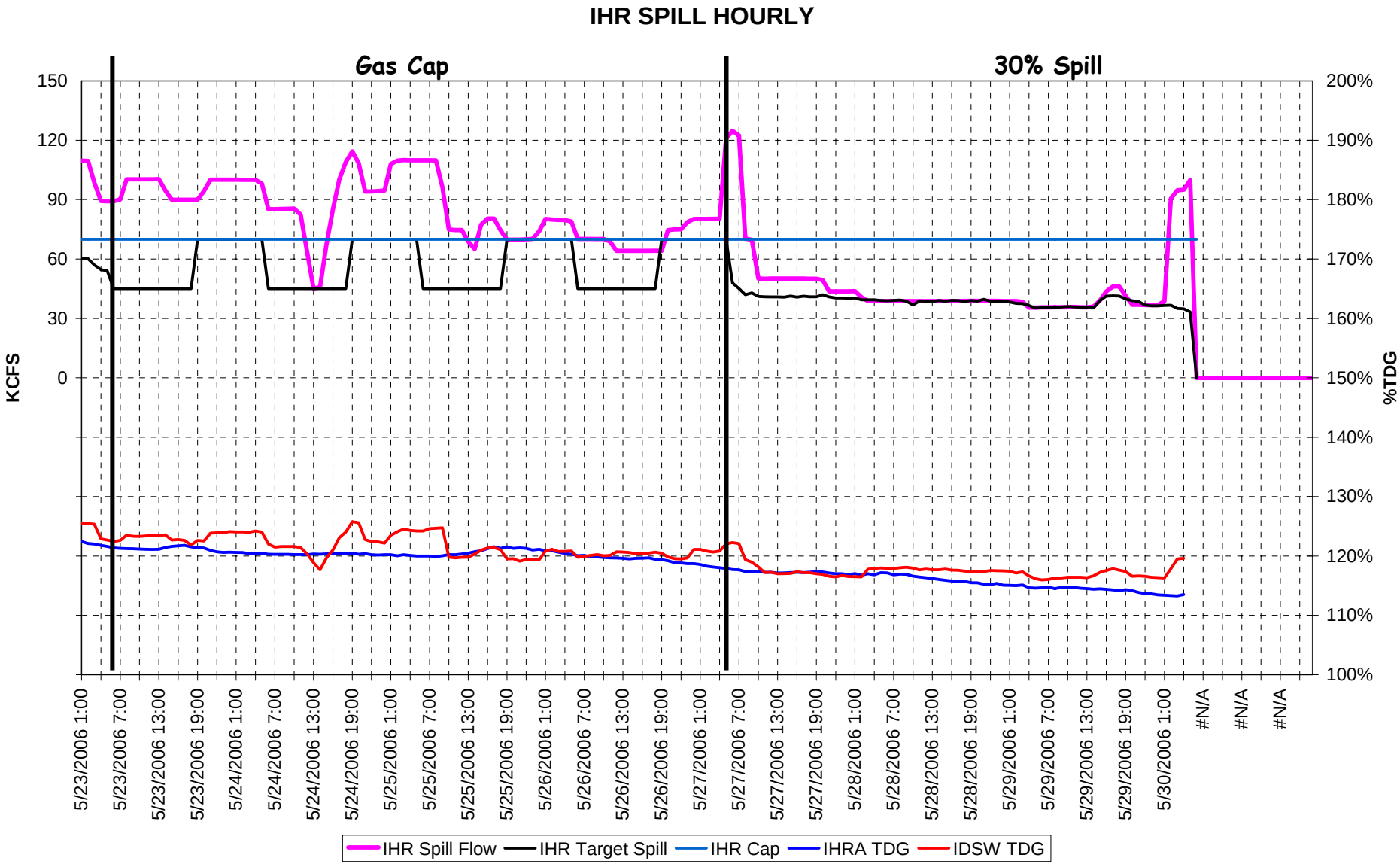
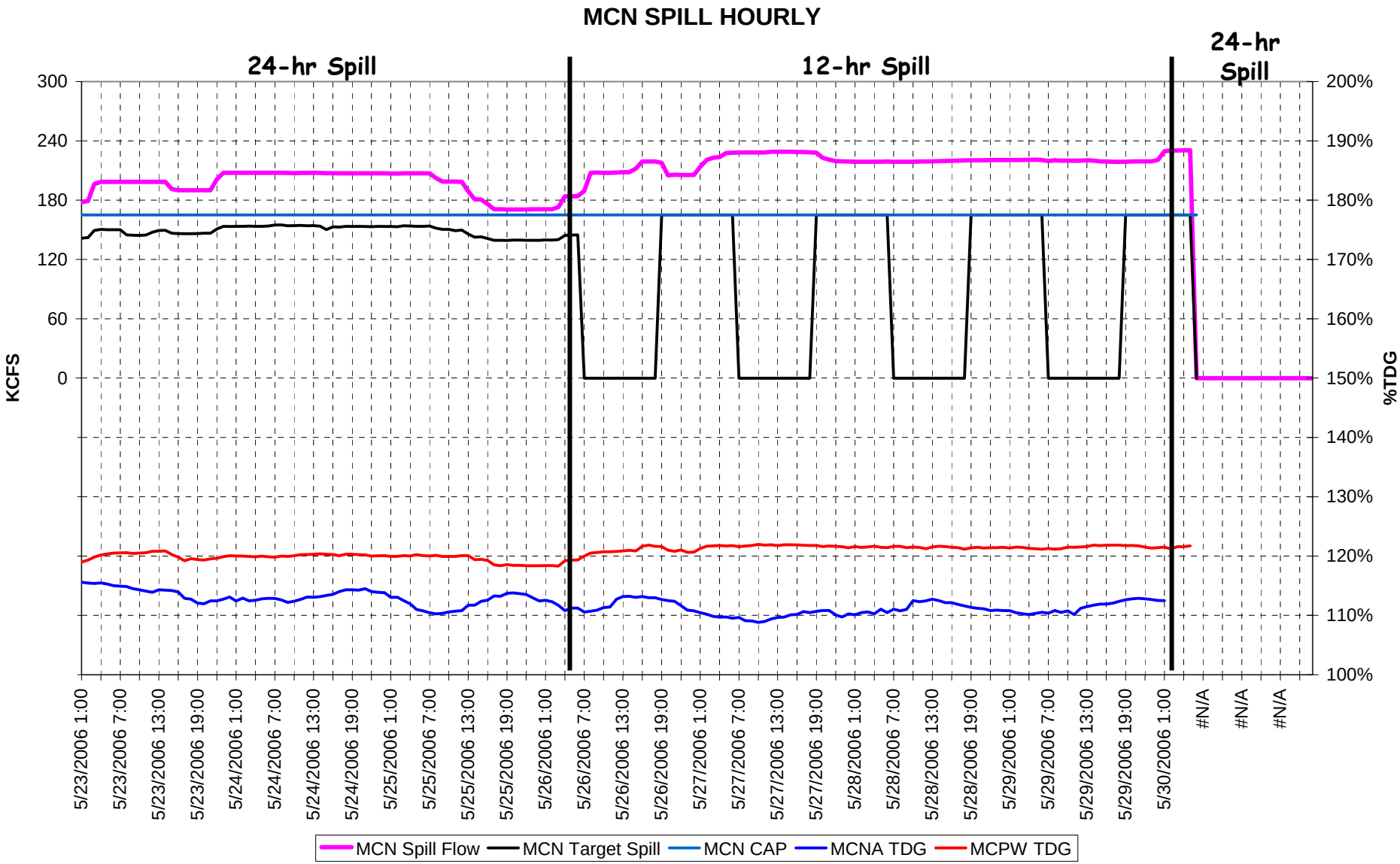
5/29/2006 7:00
5/29/2006 13:00
5/29/2006 19:00
5/30/2006 1:00
#N/A
#N/A
#N/A
LGS Spill Flow
LGS Target Spill
LGS Cap
LGSA TDG
LGSW TDG

LMN SPILL HOURLY



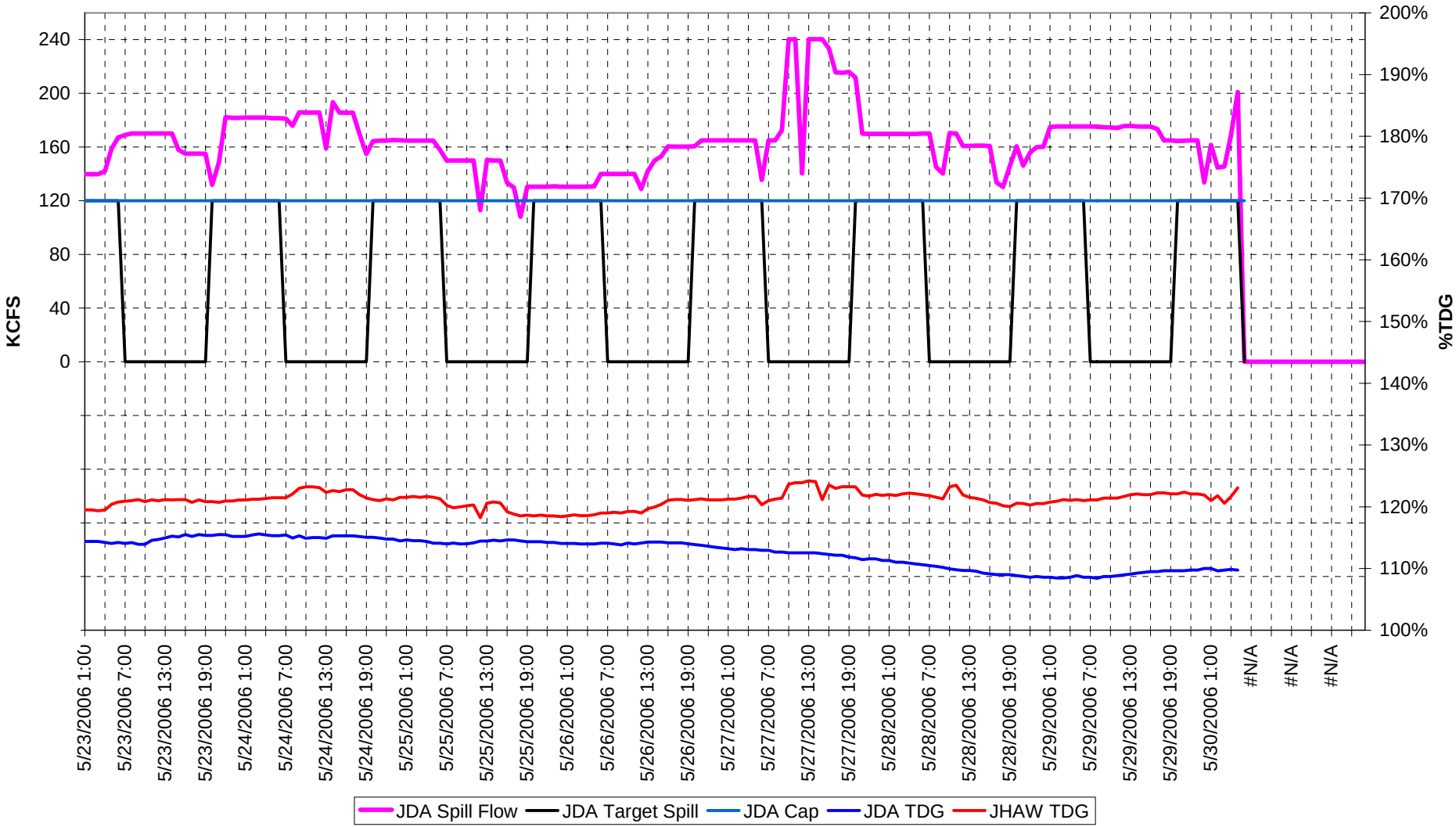


12-hr Spill = Spill to the Spill Cap from 1800 – 0500 hrs; 45 kcfs spill from 0500 – 1800 hrs.
24-hr Spill = Spill 30% of project outflow up to the spill cap 24 hrs per day.

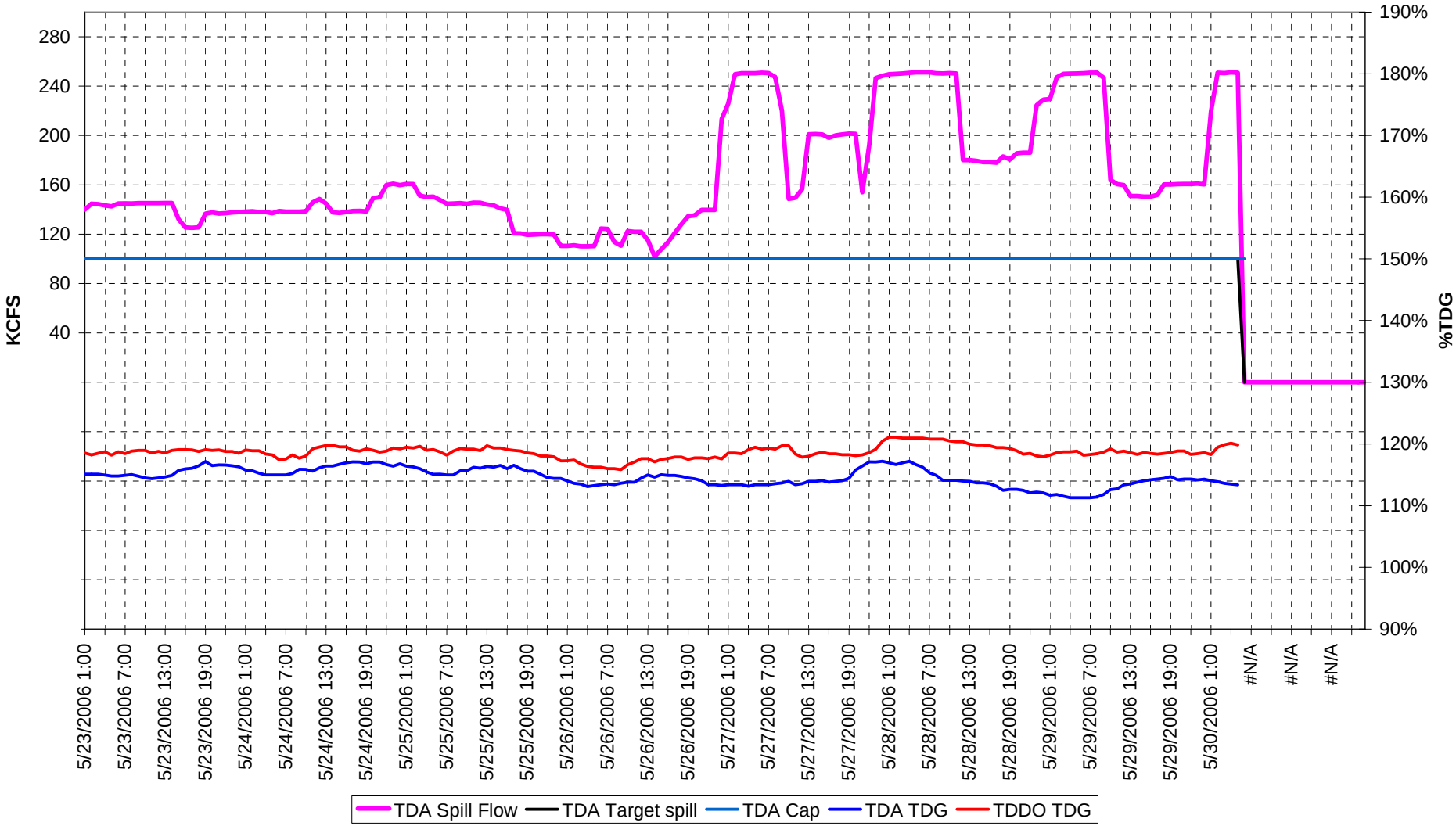


12-hr Spill = Spill to the Spill Cap from 1800 – 0600 hrs; No spill from 0600 – 1800 hrs.
24-hr Spill = Spill 40% of project outflow up to the spill cap 24 hrs per day.

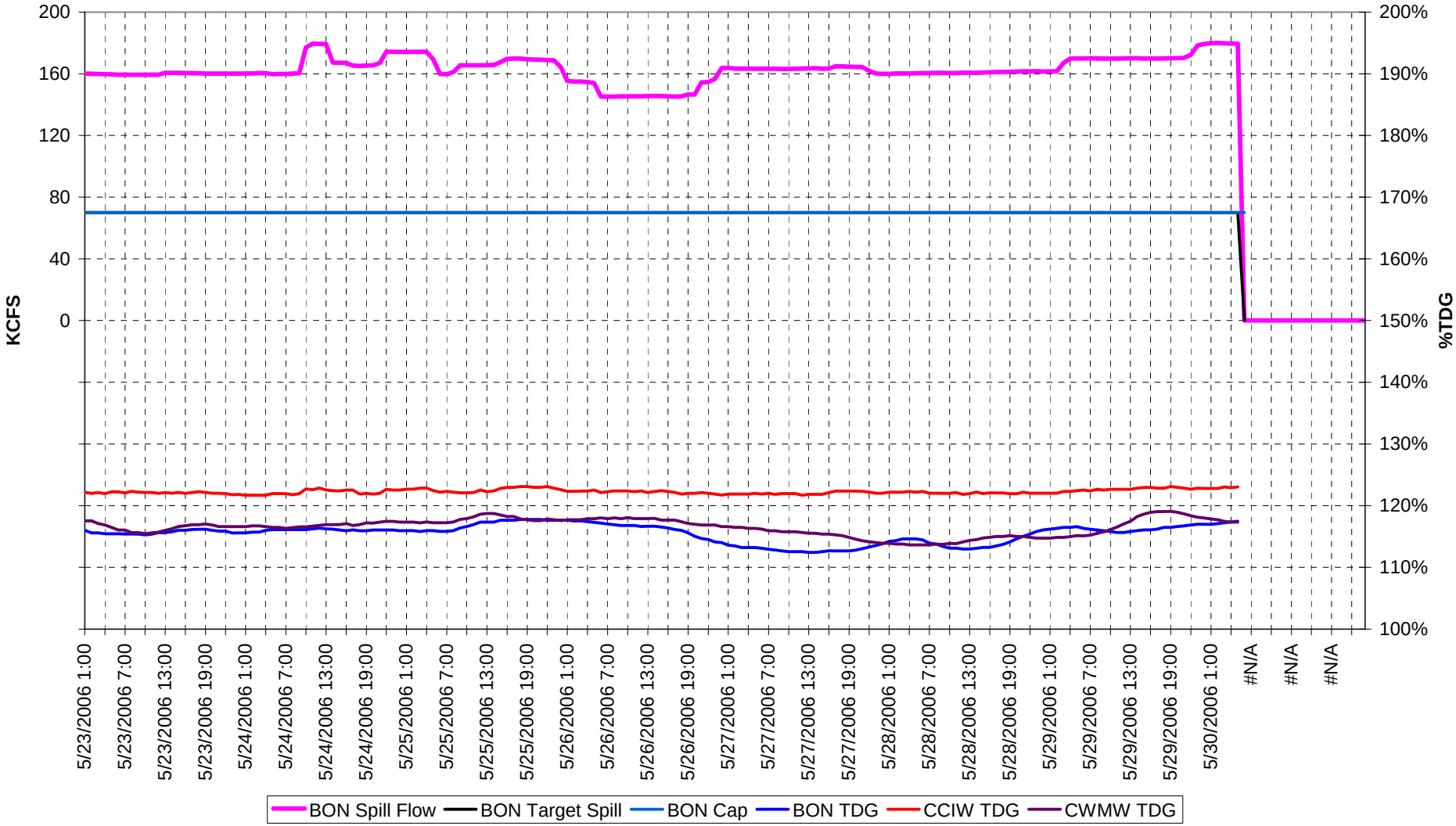
JDA SPILL HOURLY



TDA SPILL HOURLY



BON SPILL HOURLY



TOTAL DISSOLVED GAS REPORT FOR DOWNSTREAM OF CHIEF JOSEPH
starting at 0807 29 may 2006

DATE	TIME	WA TM DEG F	BARO PRES	TD GAS PRES	GAS %	SPILL QS	TOT QR	DEPTH OF GAGE(FT)	COMPENSATION DEPTH(FT) **
0529	0900	53.1	742.8	957.0	128.8	034.6	222.5	17.0	9.3
0529	1000	53.2	742.1	955.0	128.7	034.7	222.1	17.0	9.3
0529	1100	53.2	741.6	955.0	128.8	034.8	221.5	17.0	9.3
0529	1200	53.2	741.3	957.0	129.1	034.9	222.0	17.0	9.4
0529	1300	53.3	741.3	955.0	128.8	035.2	220.2	17.0	9.3
0529	1400	53.3	741.1	956.0	129.0	035.2	221.4	17.0	9.3
0529	1500	53.3	741.1	956.0	129.0	035.3	222.4	17.0	9.3
0529	1600	53.3	740.8	954.0	128.8	035.5	222.7	17.0	9.3
0529	1700	53.3	740.7	952.0	128.5	035.6	220.8	17.0	9.2
0529	1800	53.3	740.5	953.0	128.7	035.9	220.5	17.0	9.2
0529	1900	53.3	740.6	950.0	128.3	035.8	220.0	16.0	9.1
0529	2000	53.3	741.2	947.0	127.8	035.9	221.1	17.0	8.9
0529	2100	53.3	742.1	949.0	127.9	036.0	220.4	17.0	9.0
0529	2200	53.3	743.2	947.0	127.4	036.1	223.5	17.0	8.9
0529	2300	53.3	744.0	954.0	128.2	040.7	229.8	17.0	9.1
0530	000	53.3	744.7	*****	134.4	054.5	257.3	18.0	***
0530	0100	53.3	745.4	976.0	130.9	048.4	237.6	17.0	***
0530	0200	53.2	745.9	948.0	127.1	035.9	227.6	17.0	8.8
0530	0300	53.2	746.6	945.0	126.6	035.3	226.5	17.0	8.6
0530	0400	53.2	746.9	947.0	126.8	035.2	225.9	17.0	8.7
0530	0500	53.2	747.9	952.0	127.3	034.9	223.8	17.0	8.9
0530	0600	53.2	748.1	953.0	127.4	034.7	223.0	17.0	8.9
0530	0700	53.2	+++++	957.0	+++++	034.4	204.5	17.0	***
++++	++++	++++	+++++	+++++	+++++	+++++	+++++	++++	0.0

** Calculation of compensation depth @ 120% TDG
[Baro. Pres. (765) - TDG Pres. (918)]/23 = 6.7 ft.

Began Spilling at CHJ on 25 May 2006 @ 2300 hrs.

Additional Information

- Albeni Falls
  - Spilled 10 May – 29 May
  - Peak Spill = 26.4 kcfs
  - Peak %TDG = 114%
  - Forebay Gauge Out of Service (faulty probe housing)