



**US Army Corps
of Engineers®**

Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Turbidity Data
4-2-13 to 8-2-13
(periods of dredging)

All values in nephelometric turbidity units (NTU)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
4/2/2013 15:30	9.00	8.40	9.00	6.30	0.00
4/2/2013 15:45	9.00	8.60	9.20	6.50	0.00
4/2/2013 16:00	9.60	8.90	9.10	6.50	0.00
4/2/2013 16:15	10.60	9.00	9.30	6.20	0.00
4/2/2013 16:30	9.80	8.40	8.20	5.80	4.00
4/2/2013 16:45	9.70	7.90	8.50	6.10	0.00
4/2/2013 17:00	9.10	7.50	9.50	5.20	0.00
4/2/2013 17:15	9.00	7.80	11.00	1.60	0.00
4/2/2013 17:30	7.80	7.40	10.90	2.20	5.60
4/2/2013 17:45	10.00	2.00	8.20	8.50	1.80
4/2/2013 18:00	5.90	8.40	9.60	1.40	7.00
4/2/2013 18:15	8.10	7.80	10.60	2.10	6.00
4/2/2013 18:30	11.20	2.10	8.90	8.40	2.80
4/2/2013 18:45	10.50	8.50	10.90	2.60	7.90
4/2/2013 19:00	10.30	3.30	11.50	8.00	2.30
4/2/2013 19:15	11.50	7.60	10.70	5.30	6.20
4/2/2013 19:30	11.10	7.50	10.60	5.20	5.90
4/2/2013 19:45	14.50	7.70	10.10	4.90	9.60
4/2/2013 20:00	14.40	7.30	10.90	4.80	9.60
4/2/2013 20:15	13.50	7.10	10.80	4.10	9.40
4/2/2013 21:30	10.80	4.20	12.00	7.40	3.40
4/2/2013 21:45	11.10	4.10	8.40	7.60	3.50
4/2/2013 22:00	8.50	7.30	10.60	4.10	4.40
4/2/2013 22:15	9.70	7.40	10.90	4.20	5.50
4/2/2013 22:30	10.60	3.90	10.20	7.10	3.50
4/2/2013 22:45	6.70	7.00	10.50	4.10	2.90
4/2/2013 23:00	10.60	4.10	8.90	7.70	2.90
4/2/2013 23:15	10.60	6.80	8.80	7.80	2.80
4/2/2013 23:30	9.10	5.70	9.00	8.10	1.00
4/2/2013 23:45	10.30	12.20	8.70	6.80	5.40
4/3/2013 0:00	10.60	6.80	8.00	7.10	3.50
4/3/2013 0:15	9.50	3.70	11.20	10.70	0.00
4/3/2013 0:30	8.40	32.10	13.10	7.10	25.00
4/3/2013 0:45	8.10	10.20	9.50	21.90	0.70
4/3/2013 1:00	9.90	13.40	8.00	10.90	5.40
4/3/2013 1:15	6.80	12.20	9.90	15.00	2.30
4/3/2013 1:30	10.50	69.70	7.20	11.70	62.50
4/3/2013 1:45	9.50	111.80	7.40	9.90	104.40
4/3/2013 2:00	9.20	41.20	7.40	20.30	33.80
4/3/2013 2:15	9.80	3.90	7.50	72.60	2.30
4/3/2013 2:30	7.40	103.40	9.70	3.30	0.00
4/3/2013 2:45	7.40	171.80	9.40	22.50	0.00
4/3/2013 3:00	9.30	61.50	7.40	171.10	54.10
4/3/2013 3:15	8.90	60.20	7.40	139.80	52.80
4/3/2013 3:30	8.80	60.10	14.90	60.10	45.20
4/3/2013 3:45	7.30	76.90	9.30	61.70	67.60
4/3/2013 4:00	8.60	59.50	7.50	68.30	52.00
4/3/2013 4:15	8.30	64.10	18.20	52.60	45.90
4/3/2013 4:30	12.40	59.70	6.20	11.00	53.50
4/3/2013 4:45	11.10	76.80	5.50	8.70	71.30
4/3/2013 5:00	9.90	93.40	6.80	53.10	86.60
4/3/2013 5:15	26.70	29.80	46.10	44.50	0.00
4/3/2013 5:30	35.50	47.00	50.70	47.80	0.00
4/3/2013 5:45	18.00	37.00	23.50	27.60	13.50
4/3/2013 6:00	17.00	25.10	15.50	50.70	9.60
4/3/2013 6:15	13.80	16.20	15.90	66.80	0.30
4/3/2013 6:30	20.50	16.20	20.20	43.60	0.30
4/3/2013 6:45	20.10	23.60	18.50	38.00	5.10
4/3/2013 7:00	17.50	22.60	24.30	38.40	0.00
4/3/2013 7:15	15.30	19.20	23.80	73.10	0.00
4/3/2013 7:30	12.90	21.80	27.10	68.50	0.00
4/3/2013 7:45	11.70	22.50	16.00	60.00	6.50
4/3/2013 8:00	11.70	19.20	12.60	53.90	6.60
4/3/2013 8:15	10.40	10.20	19.60	44.40	0.00
4/3/2013 8:30	9.80	13.10	10.40	36.70	2.70
4/3/2013 8:45	8.80	10.60	9.70	111.70	0.90
4/3/2013 9:00	10.10	14.40	10.50	119.20	3.90
4/3/2013 9:15	11.70	16.10	11.40	92.00	4.70
4/3/2013 9:30	12.20	13.20	7.60	31.30	5.60
4/3/2013 9:45	10.50	11.50	7.20	44.40	4.30
4/3/2013 10:00	10.20	9.70	7.30	13.20	2.90
4/3/2013 10:15	7.40	15.10	10.00	8.30	6.80
4/3/2013 10:30	8.30	14.70	9.70	6.10	8.60
4/3/2013 10:45	9.90	7.00	8.70	27.90	1.20
4/3/2013 11:00	9.60	8.80	11.80	21.10	0.00
4/3/2013 11:15	9.60	9.20	36.90	44.30	0.00
4/3/2013 11:30	11.90	9.70	26.80	28.00	0.00
4/3/2013 11:45	12.40	11.10	23.60	36.60	0.00
4/3/2013 12:00	12.40	10.40	19.40	90.00	0.00
4/3/2013 12:15	11.00	8.90	17.60	95.60	0.00
4/3/2013 12:30	16.30	32.70	9.80	5.70	0.00
4/3/2013 12:45	10.10	3.80	15.10	19.80	0.00
4/3/2013 13:00	10.30	2.70	14.40	54.40	0.00
4/3/2013 13:15	9.10	15.90	14.10	72.20	1.80
4/3/2013 13:30	9.40	8.00	13.60	60.30	0.00
4/3/2013 13:45	12.00	48.80	12.20	98.50	36.60
4/3/2013 14:00	10.70	21.70	12.90	97.90	8.80
4/3/2013 14:15	16.40	9.90	37.80	95.90	0.00
4/3/2013 14:30	16.40	11.60	10.90	87.10	5.50



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
4/3/2013 14:45	13.40	12.10	16.00	77.40	0.00
4/3/2013 15:00	14.20	8.90	17.10	64.60	0.00
4/3/2013 15:15	13.00	55.60	9.90	5.80	49.80
4/3/2013 15:30	12.40	48.50	8.80	8.70	39.80
4/3/2013 15:45	9.00	22.60	16.00	104.20	6.60
4/3/2013 16:00	11.80	32.00	15.50	92.30	16.50
4/3/2013 16:15	35.90	54.20	14.00	97.10	0.00
4/3/2013 16:30	15.00	13.00	37.10	46.10	0.00
4/3/2013 16:45	28.30	41.10	14.30	9.50	31.60
4/3/2013 17:00	13.00	11.60	22.90	39.80	0.00
4/3/2013 17:15	13.80	12.40	23.00	48.20	0.00
4/3/2013 17:30	14.30	19.10	21.30	56.70	0.00
4/3/2013 17:45	13.90	15.20	21.80	57.00	0.00
4/3/2013 18:00	14.30	16.50	22.20	49.90	0.00
4/3/2013 18:15	14.10	17.20	20.90	51.70	0.00
4/3/2013 18:30	15.20	16.40	19.50	50.90	0.00
4/3/2013 18:45	14.90	15.60	19.50	60.50	0.00
4/3/2013 19:00	14.60	12.70	17.80	40.00	0.00
4/3/2013 19:15	14.60	17.00	16.40	37.70	0.60
4/3/2013 19:30	14.10	13.90	16.00	35.70	0.00
4/3/2013 19:45	13.90	11.60	15.10	33.20	0.00
4/3/2013 20:00	13.70	22.50	11.80	32.70	10.70
4/3/2013 20:15	13.60	26.90	10.70	14.90	16.20
4/3/2013 20:30	13.60	22.20	11.10	17.70	11.10
4/3/2013 20:45	13.30	32.20	10.00	18.40	22.20
4/3/2013 21:00	15.70	15.20	9.80	25.20	5.90
4/3/2013 21:15	24.10	16.50	10.60	18.00	13.50
4/3/2013 21:30	16.80	16.20	11.70	23.70	5.10
4/3/2013 21:45	17.80	16.30	15.00	14.80	3.00
4/3/2013 22:00	25.10	19.80	12.20	10.80	14.30
4/3/2013 22:15	21.10	20.00	9.40	11.10	11.70
4/3/2013 22:30	17.60	20.00	10.20	8.40	11.60
4/3/2013 22:45	21.60	19.50	14.20	8.10	13.50
4/3/2013 23:00	16.70	18.30	18.10	8.90	9.40
4/3/2013 23:15	17.90	16.60	17.50	10.20	7.70
4/3/2013 23:30	19.80	26.40	15.60	9.40	17.00
4/3/2013 23:45	14.50	7.40	20.20	17.60	0.00
4/4/2013 0:00	17.60	26.20	10.80	6.70	19.50
4/4/2013 0:15	55.80	32.00	9.30	7.70	48.10
4/4/2013 0:30	52.90	66.70	12.10	21.80	54.60
4/4/2013 0:45	33.90	57.10	13.30	7.70	49.40
4/4/2013 1:00	34.40	39.20	11.70	6.70	32.50
4/4/2013 1:15	36.50	33.40	11.20	7.70	28.80
4/4/2013 1:30	28.90	28.80	17.70	7.50	21.40
4/4/2013 1:45	24.00	25.60	19.30	8.50	17.10
4/4/2013 2:00	30.50	23.90	26.10	8.30	22.20
4/4/2013 2:15	35.90	19.10	27.50	8.70	27.20
4/4/2013 2:30	33.50	15.50	25.30	7.10	26.40
4/4/2013 2:45	40.40	9.70	14.70	6.80	33.60
4/4/2013 3:00	38.40	9.70	8.80	6.90	31.50
4/4/2013 3:15	43.30	10.30	14.50	8.60	34.70
4/4/2013 3:30	12.50	8.60	47.90	10.40	2.10
4/4/2013 3:45	38.90	12.30	10.90	7.40	31.50
4/4/2013 4:00	19.00	10.20	10.60	8.30	10.70
4/4/2013 4:15	31.30	10.00	11.00	11.70	20.30
4/4/2013 4:30	30.90	11.60	12.50	10.50	20.40
4/4/2013 4:45	29.80	12.60	8.70	9.10	21.10
4/4/2013 5:00	26.20	34.40	12.50	9.00	25.40
4/4/2013 5:15	22.60	33.30	13.90	8.60	24.70
4/4/2013 5:30	11.50	8.90	21.90	19.00	0.00
4/4/2013 5:45	20.80	14.40	10.30	8.70	12.10
4/4/2013 6:00	28.10	13.10	11.10	8.80	19.30
4/4/2013 6:15	28.50	22.20	16.50	11.90	16.60
4/4/2013 6:30	30.80	24.00	24.50	19.20	11.60
4/4/2013 6:45	37.10	27.50	18.20	14.10	23.00
4/4/2013 7:00	35.00	23.30	19.90	15.10	19.90
4/4/2013 7:15	33.70	21.00	19.30	15.90	17.80
4/4/2013 7:30	30.10	17.90	18.00	12.40	17.70
4/4/2013 7:45	18.00	14.90	22.90	18.00	0.00
4/4/2013 8:00	24.60	18.90	17.20	13.40	11.20
4/4/2013 8:15	26.80	14.50	17.50	13.70	13.10
4/4/2013 8:30	23.50	16.60	17.00	12.80	10.70
4/4/2013 8:45	22.00	19.10	15.60	12.70	9.30
4/4/2013 9:00	23.20	17.90	16.50	11.80	11.40
4/4/2013 9:15	23.90	17.80	15.60	10.40	13.50
4/4/2013 9:30	23.30	17.40	14.90	9.90	13.40
4/4/2013 9:45	21.20	17.70	17.00	9.50	11.70
4/4/2013 10:00	22.60	17.10	15.50	9.00	13.60
4/4/2013 10:15	22.50	15.80	13.90	9.70	12.80
4/4/2013 10:30	14.10	10.50	22.80	14.30	0.00
4/4/2013 10:45	35.10	32.40	19.50	13.80	21.30
4/4/2013 11:00	29.70	24.90	20.50	9.80	19.90
4/4/2013 11:15	26.30	26.20	19.80	8.80	17.50
4/4/2013 11:30	25.20	26.50	13.70	8.90	17.60
4/4/2013 11:45	24.70	22.80	13.70	9.00	15.70
4/4/2013 12:00	21.50	20.70	13.10	8.60	12.90
4/4/2013 12:15	23.00	23.50	11.20	8.60	14.90
4/4/2013 12:30	20.60	22.00	10.60	8.50	13.50
4/4/2013 12:45	10.20	9.60	21.40	21.40	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
4/4/2013 13:00	20.40	22.90	11.30	10.10	12.80
4/4/2013 13:15	11.60	9.90	21.30	23.00	0.00
4/4/2013 13:30	19.50	23.10	14.10	10.70	12.40
4/4/2013 13:45	16.30	13.80	13.20	11.10	5.20
4/4/2013 14:00	15.60	15.80	13.70	11.40	4.40
4/4/2013 14:15	21.00	10.50	15.90	12.50	8.50
4/4/2013 14:30	20.60	10.20	20.90	16.30	4.30
4/4/2013 14:45	19.80	10.20	20.70	17.30	2.50
4/4/2013 15:00	19.30	10.10	19.50	15.60	3.70
4/4/2013 15:15	16.50	9.50	18.80	14.60	1.90
4/4/2013 15:30	19.30	10.10	17.60	13.90	5.40
4/4/2013 15:45	19.10	10.40	16.10	13.40	5.70
4/4/2013 16:00	17.80	10.10	15.00	13.10	4.70
4/4/2013 16:15	18.50	10.20	12.90	13.00	5.60
4/4/2013 16:30	16.40	10.30	14.80	13.00	3.40
4/4/2013 16:45	13.00	11.60	19.50	10.30	2.70
4/4/2013 17:00	13.30	11.70	18.00	10.70	2.60
4/4/2013 17:15	26.60	9.90	14.70	12.60	14.00
4/4/2013 17:30	15.20	12.70	25.90	8.90	6.30
4/4/2013 17:45	18.00	11.20	16.00	13.30	4.70
4/4/2013 18:00	16.30	12.90	18.10	12.20	4.10
4/4/2013 18:15	24.30	12.30	15.40	12.10	12.20
4/4/2013 18:30	15.80	13.10	21.20	11.80	4.00
4/4/2013 18:45	17.30	14.30	27.80	10.90	6.40
4/4/2013 19:00	18.70	14.90	14.80	11.80	0.00
4/4/2013 19:15	16.10	12.60	21.00	9.40	6.70
4/4/2013 19:30	26.40	9.40	14.50	11.40	15.00
4/4/2013 19:45	13.90	11.40	23.40	8.10	5.80
4/4/2013 20:00	14.60	11.60	22.10	7.40	7.20
4/4/2013 20:15	13.80	10.80	19.40	5.80	8.00
4/4/2013 20:30	13.20	10.70	16.40	5.60	7.60
4/4/2013 20:45	19.30	5.60	12.90	10.40	8.90
4/4/2013 21:00	13.80	11.20	19.80	6.50	7.30
4/4/2013 21:15	13.40	10.90	19.60	6.50	0.00
4/4/2013 21:30	22.60	7.10	13.40	10.90	11.70
4/4/2013 21:45	13.30	10.80	22.30	6.80	6.50
4/4/2013 22:00	20.50	6.20	12.10	9.70	10.80
4/4/2013 22:15	20.30	7.90	11.70	9.70	10.60
4/4/2013 22:30	12.80	10.50	15.50	8.90	3.90
4/4/2013 22:45	12.20	10.00	17.90	6.30	5.90
4/4/2013 23:00	12.00	9.70	19.40	5.60	6.40
4/4/2013 23:15	20.00	5.90	12.20	9.90	10.10
4/4/2013 23:30	17.50	9.50	13.60	10.60	6.90
4/4/2013 23:45	11.60	9.40	18.20	6.40	5.20
4/5/2013 0:00	11.10	9.30	17.00	8.90	2.20
4/5/2013 0:15	10.50	8.90	17.50	8.10	2.40
4/5/2013 0:30	19.40	8.80	10.40	8.70	10.70
4/5/2013 0:45	25.90	10.40	10.40	8.80	17.10
4/5/2013 1:00	28.90	10.20	10.50	8.80	20.10
4/5/2013 1:15	10.50	8.90	40.20	14.00	0.00
4/5/2013 1:30	38.00	23.90	10.40	8.80	29.20
4/5/2013 1:45	22.50	27.30	10.10	8.60	18.70
4/5/2013 2:00	28.40	22.10	10.00	8.50	19.90
4/5/2013 2:15	9.80	8.30	22.10	21.50	0.00
4/5/2013 2:30	9.80	8.20	28.40	28.70	0.00
4/5/2013 2:45	10.10	8.40	26.70	21.60	0.00
4/5/2013 3:00	28.40	20.20	10.20	8.40	20.00
4/5/2013 3:15	10.30	8.50	22.80	22.90	0.00
4/5/2013 3:30	10.30	8.60	21.70	24.50	0.00
4/5/2013 3:45	10.10	8.30	24.80	19.40	0.00
4/5/2013 4:00	9.70	7.90	21.50	19.10	0.00
4/5/2013 4:15	9.70	8.00	21.40	17.30	0.00
4/5/2013 4:30	20.60	16.30	10.20	8.70	11.90
4/5/2013 4:45	10.90	8.90	22.00	17.50	0.00
4/5/2013 5:00	10.60	8.60	24.90	45.10	0.00
4/5/2013 5:15	27.00	48.10	9.40	7.90	40.20
4/5/2013 5:30	26.30	47.60	9.30	7.90	39.70
4/5/2013 5:45	27.40	38.20	9.10	7.60	30.60
4/5/2013 6:00	26.90	24.90	8.80	7.40	19.50
4/5/2013 6:15	28.00	33.70	8.40	7.20	26.50
4/5/2013 6:30	29.10	32.10	8.20	7.00	25.10
4/5/2013 6:45	30.70	34.80	8.40	7.20	27.60
4/5/2013 7:00	30.90	25.60	8.50	7.30	23.60
4/5/2013 7:15	33.30	38.70	8.50	7.20	31.50
4/5/2013 7:30	37.70	55.20	9.00	7.70	47.50
4/5/2013 7:45	43.60	50.10	19.30	13.80	36.30
4/5/2013 8:00	82.30	61.70	69.50	59.70	22.60
4/5/2013 8:15	61.50	47.00	58.40	54.20	7.30
4/5/2013 8:30	41.20	31.50	35.20	27.90	13.30
4/5/2013 8:45	38.00	29.40	33.80	30.10	7.90
4/5/2013 9:00	32.60	24.90	49.00	39.30	0.00
4/5/2013 9:15	31.80	24.50	47.80	40.40	0.00
4/5/2013 9:30	32.20	25.70	49.30	37.10	0.00
4/5/2013 9:45	31.60	25.50	47.00	37.70	0.00
4/5/2013 10:00	30.40	24.60	45.30	32.70	0.00
4/5/2013 10:15	41.70	31.10	29.00	22.40	19.30
4/5/2013 10:30	31.60	24.00	38.70	29.00	2.60
4/5/2013 10:45	35.20	27.70	30.90	24.80	10.40
4/5/2013 11:00	29.00	21.70	36.00	27.60	1.40



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Indiana Harbor and Canal
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4-2-13 to 8-2-13
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
4/5/2013 11:15	28.90	20.90	34.80	27.10	1.80
4/5/2013 11:30	28.90	21.30	32.70	25.20	3.70
4/5/2013 11:45	28.30	21.90	31.20	24.10	4.20
4/5/2013 12:00	34.30	49.60	29.10	22.80	26.80
4/5/2013 12:15	40.20	38.80	61.60	48.70	0.00
4/5/2013 12:30	60.20	65.50	153.40	124.90	0.00
4/5/2013 12:45	47.80	44.10	103.20	78.10	0.00
4/5/2013 13:00	49.30	40.40	51.00	41.90	7.40
4/5/2013 21:45	31.80	23.90	33.70	22.20	9.60
4/5/2013 22:00	29.60	22.20	30.30	21.20	8.40
4/5/2013 22:15	28.90	21.70	30.50	20.50	8.40
4/5/2013 22:30	28.50	21.00	34.20	23.90	4.60
4/5/2013 22:45	27.60	21.40	32.00	22.70	4.90
4/5/2013 23:00	27.80	20.20	29.20	18.90	8.90
4/5/2013 23:15	27.90	21.20	29.10	18.40	9.50
4/5/2013 23:30	26.80	21.90	30.80	20.60	6.20
4/5/2013 23:45	26.80	21.40	28.10	19.60	7.20
4/6/2013 0:00	28.50	19.80	26.30	19.10	9.40
4/6/2013 0:15	29.60	20.40	25.80	19.40	10.20
4/6/2013 0:30	34.80	27.10	26.30	20.20	14.60
4/6/2013 0:45	45.00	36.90	25.10	19.90	25.10
4/6/2013 1:00	30.60	23.20	26.80	20.70	9.90
4/6/2013 1:15	47.40	42.20	24.80	19.40	28.00
4/6/2013 1:30	43.90	44.30	22.40	18.10	26.20
4/6/2013 1:45	33.90	34.70	25.20	22.60	12.10
4/6/2013 2:00	33.10	28.70	29.70	24.50	8.60
4/6/2013 2:15	40.60	25.30	30.30	24.90	15.70
4/6/2013 2:30	46.90	61.70	27.00	22.90	38.80
4/6/2013 2:45	33.40	44.90	23.40	20.90	24.00
4/6/2013 3:00	33.60	33.60	26.00	23.00	10.60
4/6/2013 3:15	33.90	37.90	27.80	23.10	14.80
4/6/2013 3:30	31.40	36.20	19.30	18.10	18.10
4/6/2013 3:45	19.60	19.50	32.60	50.40	0.00
4/6/2013 4:00	31.70	45.00	23.10	20.30	24.70
4/6/2013 4:15	33.20	39.80	24.60	19.80	20.00
4/6/2013 4:30	34.70	38.10	20.80	20.60	17.50
4/6/2013 4:45	29.80	56.60	16.70	22.20	39.90
4/6/2013 5:00	20.20	21.50	29.10	42.60	0.00
4/6/2013 5:15	37.60	29.50	22.90	20.90	16.70
4/6/2013 5:30	37.00	35.50	19.20	20.90	17.80
4/6/2013 5:45	15.10	18.10	28.80	38.00	0.00
4/6/2013 6:00	19.80	21.90	27.10	34.00	0.00
4/6/2013 6:15	30.40	25.30	22.30	19.30	11.10
4/6/2013 6:30	36.90	23.20	20.60	20.50	16.40
4/6/2013 6:45	32.20	22.20	20.80	21.50	11.40
4/6/2013 7:00	29.30	22.30	21.10	23.70	8.20
4/6/2013 7:15	29.40	22.30	25.70	23.80	5.60
4/6/2013 7:30	29.00	24.10	21.10	21.90	7.90
4/6/2013 7:45	29.60	24.30	19.40	25.80	10.20
4/6/2013 8:00	28.90	22.50	18.20	33.60	10.70
4/6/2013 8:15	27.90	24.60	20.60	29.00	7.30
4/6/2013 8:30	26.70	25.00	18.40	24.00	8.30
4/6/2013 8:45	16.80	22.70	27.40	24.60	0.00
4/6/2013 9:00	28.70	24.20	23.90	23.10	5.60
4/6/2013 9:15	30.70	32.30	24.10	21.20	11.10
4/6/2013 9:30	24.20	22.30	25.70	27.30	0.00
4/6/2013 9:45	24.70	22.00	26.10	19.20	5.50
4/6/2013 10:00	25.00	22.30	24.80	18.00	0.00
4/6/2013 10:15	25.40	18.10	21.70	22.40	3.70
4/6/2013 10:30	26.00	21.20	22.40	22.30	3.70
4/6/2013 10:45	17.50	26.30	28.70	24.10	2.20
4/6/2013 11:00	34.90	22.40	26.20	21.50	13.40
4/6/2013 11:15	31.60	19.60	25.70	18.70	12.90
4/6/2013 11:30	29.20	19.90	27.60	18.20	11.00
4/6/2013 11:45	28.80	24.70	25.40	20.30	8.50
4/6/2013 12:00	31.10	27.50	19.80	20.00	11.30
4/6/2013 12:15	31.30	25.70	15.30	19.80	16.00
4/6/2013 12:30	26.20	47.50	29.30	23.50	24.00
4/6/2013 12:45	28.10	21.10	30.80	44.30	0.00
4/6/2013 13:00	30.30	18.20	38.10	26.90	3.40
4/6/2013 13:15	30.40	27.30	29.70	18.40	12.00
4/6/2013 13:30	27.90	18.40	29.70	21.80	6.10
4/6/2013 13:45	30.30	20.30	26.00	18.10	12.20
4/6/2013 14:00	49.40	35.60	25.90	17.60	31.80
4/6/2013 14:15	44.90	34.00	27.30	17.70	27.20
4/6/2013 14:30	27.10	18.00	47.40	34.60	0.00
4/6/2013 14:45	50.00	34.50	28.70	20.60	29.40
4/6/2013 15:00	35.70	31.50	30.10	21.90	13.80
4/6/2013 15:15	29.90	19.40	33.10	26.70	3.20
4/6/2013 15:30	28.90	26.10	29.60	19.70	0.00
4/6/2013 15:45	27.90	25.40	27.30	20.30	7.60
4/6/2013 16:00	27.00	20.60	26.10	23.40	3.60
4/6/2013 16:15	22.90	23.20	27.20	19.80	3.40
4/6/2013 16:30	27.20	21.20	23.30	23.10	4.10
4/6/2013 16:45	23.50	21.40	31.80	19.80	3.70
4/6/2013 17:00	22.70	19.80	31.30	19.10	3.60
4/6/2013 17:15	27.40	19.40	23.20	18.90	8.50
4/6/2013 17:30	27.80	20.20	21.20	16.60	11.20
4/6/2013 17:45	21.40	16.70	21.40	16.70	4.70



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
4/6/2013 18:00	21.40	16.70	21.40	16.70	4.70
4/6/2013 18:15	22.10	17.20	22.10	17.20	4.90
4/6/2013 18:30	22.20	17.20	22.20	17.20	5.00
4/6/2013 18:45	22.00	17.30	22.00	17.30	4.70
4/6/2013 19:00	22.10	17.40	22.10	17.40	4.70
4/6/2013 19:15	22.00	17.20	22.00	17.20	4.80
4/6/2013 19:30	21.70	16.90	21.70	16.90	4.80
4/6/2013 19:45	21.70	17.00	21.70	17.00	4.70
4/6/2013 20:00	21.70	16.80	21.70	16.80	4.90
4/6/2013 20:15	21.60	17.10	21.60	17.10	4.50
4/6/2013 20:30	21.30	17.00	21.30	17.00	4.30
4/6/2013 20:45	21.00	16.70	21.00	16.70	4.30
4/6/2013 21:00	20.90	16.20	20.90	16.20	4.70
4/6/2013 21:15	20.80	16.10	20.80	16.10	4.70
4/6/2013 21:30	20.40	16.10	20.40	16.10	4.30
4/6/2013 21:45	20.40	16.00	20.40	16.00	4.40
4/6/2013 22:00	20.30	16.30	20.30	16.30	4.00
4/6/2013 22:15	20.90	13.10	20.20	16.00	4.90
4/6/2013 22:30	21.20	12.90	20.60	16.40	4.80
4/6/2013 22:45	24.30	20.20	21.00	13.10	11.20
4/6/2013 23:00	21.50	12.90	31.60	23.50	0.00
4/6/2013 23:15	21.20	13.20	28.20	22.20	0.00
4/6/2013 23:30	20.40	12.80	22.70	18.50	1.90
4/6/2013 23:45	20.90	12.40	21.90	18.30	2.60
4/7/2013 0:00	21.50	13.10	21.50	18.10	3.40
4/7/2013 0:15	24.50	15.80	21.70	19.20	5.30
4/7/2013 0:30	24.70	15.40	21.60	19.40	5.30
4/7/2013 0:45	24.80	14.50	22.20	18.00	6.80
4/7/2013 1:00	24.10	13.20	21.80	18.20	5.90
4/7/2013 1:15	22.90	12.90	23.00	18.10	4.80
4/7/2013 1:30	22.80	13.00	25.20	39.50	0.00
4/7/2013 1:45	21.20	11.90	23.50	22.80	0.00
4/7/2013 2:00	20.30	8.80	27.20	34.30	0.00
4/7/2013 2:15	24.40	23.70	22.80	8.60	0.00
4/7/2013 2:30	21.40	7.10	48.30	40.30	0.00
4/7/2013 2:45	30.60	30.00	23.30	6.70	23.90
4/7/2013 3:15	24.20	7.20	25.30	19.10	5.10
4/7/2013 3:30	22.40	19.30	26.90	9.50	12.90
4/7/2013 3:45	27.60	8.80	21.50	18.10	9.50
4/7/2013 4:00	21.30	19.70	29.90	7.90	13.40
4/7/2013 4:15	33.30	7.30	20.10	16.10	17.20
4/7/2013 4:30	18.30	15.10	34.70	7.60	10.70
4/7/2013 4:45	18.30	15.10	34.50	7.90	10.40
4/7/2013 5:00	33.90	7.30	18.00	15.90	18.00
4/7/2013 5:15	18.10	15.60	32.60	7.10	11.00
4/7/2013 5:30	39.80	48.60	28.70	5.90	42.70
4/7/2013 5:45	22.80	5.70	28.40	32.90	0.00
4/7/2013 6:00	21.90	41.70	24.70	5.70	36.00
4/7/2013 6:15	21.00	26.00	20.60	5.80	20.20
4/7/2013 6:30	18.10	17.50	19.60	5.20	12.90
4/7/2013 6:45	26.90	42.10	19.10	5.70	36.40
4/7/2013 7:00	23.70	5.60	17.30	25.40	6.40
4/7/2013 7:15	21.20	8.20	16.90	16.90	4.30
4/7/2013 7:30	24.70	10.60	17.50	15.50	9.20
4/7/2013 7:45	29.00	11.50	62.80	51.30	0.00
4/7/2013 8:00	24.90	39.50	42.40	35.50	4.00
4/7/2013 8:15	25.00	17.20	39.70	31.20	0.00
4/7/2013 8:30	24.50	22.40	38.10	30.00	0.00
4/7/2013 8:45	23.90	18.20	34.10	27.30	0.00
4/7/2013 9:00	21.60	17.30	30.30	23.30	0.00
4/7/2013 9:15	22.20	18.60	30.90	23.70	0.00
4/7/2013 9:30	22.10	19.40	27.90	22.20	0.00
4/7/2013 9:45	31.20	22.70	27.50	22.20	9.00
4/7/2013 10:00	26.00	21.40	47.30	19.10	6.90
4/7/2013 10:15	46.30	18.20	21.90	20.10	26.20
4/7/2013 10:30	40.30	45.60	21.70	20.40	25.20
4/7/2013 10:45	37.80	38.60	19.40	19.00	19.60
4/7/2013 11:00	48.00	35.10	22.30	19.10	28.90
4/7/2013 11:15	51.80	18.80	21.70	19.20	32.60
4/7/2013 11:30	57.50	14.10	21.30	18.10	39.40
4/7/2013 11:45	31.20	15.30	18.50	16.80	14.40
4/7/2013 12:00	34.10	15.50	17.60	15.20	18.90
4/7/2013 12:15	31.60	14.60	17.60	16.30	15.30
4/7/2013 12:30	18.10	16.40	29.30	16.20	1.90
4/7/2013 12:45	40.70	15.10	18.80	15.60	25.10
4/7/2013 13:00	44.20	23.80	18.50	29.70	25.70
4/7/2013 13:15	51.20	21.70	17.80	17.60	33.60
4/7/2013 13:30	19.20	15.60	41.60	23.30	0.00
4/7/2013 13:45	38.50	22.80	35.40	33.30	5.20
4/7/2013 14:00	34.40	23.20	41.60	19.80	14.60
4/7/2013 14:15	25.90	22.20	25.70	17.70	8.20
4/7/2013 14:30	25.40	17.70	28.00	23.40	2.00
4/7/2013 14:45	43.90	17.10	26.10	23.20	20.70
4/7/2013 15:00	41.20	22.60	23.00	21.70	19.50
4/7/2013 15:15	22.00	19.70	28.80	22.00	0.00
4/7/2013 15:30	26.90	21.90	20.80	20.30	6.60
4/7/2013 15:45	19.70	21.10	25.20	30.80	0.00
4/7/2013 16:00	25.30	26.50	18.70	20.20	7.80
4/7/2013 16:15	31.50	19.70	19.00	19.70	12.50



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
4/7/2013 16:30	17.40	20.40	20.80	23.80	0.00
4/7/2013 16:45	20.00	21.10	16.70	18.90	4.40
4/7/2013 17:00	23.70	17.50	27.60	32.00	0.00
4/7/2013 17:15	24.70	17.50	20.90	31.80	3.80
4/7/2013 17:30	24.20	19.20	19.70	26.10	4.50
4/7/2013 17:45	25.20	22.80	17.80	24.00	7.40
4/7/2013 18:00	26.70	17.20	15.70	22.60	11.00
4/7/2013 18:15	21.20	33.80	15.80	20.70	18.00
4/7/2013 18:30	19.90	22.10	21.00	18.50	3.60
4/7/2013 18:45	21.50	25.70	28.00	17.10	8.60
4/7/2013 19:00	19.10	28.50	26.00	22.20	6.30
4/7/2013 19:15	21.40	29.80	26.30	16.60	13.20
4/7/2013 19:30	25.20	27.10	23.10	16.50	10.60
4/7/2013 19:45	26.30	25.00	17.20	17.70	9.10
4/7/2013 20:00	26.60	19.30	16.90	16.50	10.10
4/7/2013 20:15	29.30	10.20	16.40	15.90	13.40
4/7/2013 20:30	28.70	15.70	16.80	14.50	14.20
4/7/2013 21:00	18.90	18.90	34.00	25.10	0.00
4/7/2013 21:15	20.60	17.90	33.50	23.30	0.00
4/7/2013 21:30	28.30	19.60	22.20	21.60	6.70
4/7/2013 21:45	28.30	20.10	23.30	20.30	8.00
4/7/2013 22:00	25.80	25.20	24.20	17.70	8.10
4/7/2013 22:15	24.00	26.00	23.10	18.10	7.90
4/7/2013 22:30	22.30	23.80	22.10	18.20	5.60
4/7/2013 22:45	22.40	20.50	21.60	20.10	2.30
4/7/2013 23:00	23.50	17.30	20.10	17.60	5.90
4/7/2013 23:15	25.00	22.00	20.10	17.50	7.50
4/7/2013 23:30	19.80	18.40	35.60	18.00	1.80
4/7/2013 23:45	36.30	16.90	19.00	17.40	18.90
4/8/2013 0:00	17.00	18.20	47.40	11.80	6.40
4/8/2013 0:15	42.70	9.50	17.10	17.50	25.60
4/8/2013 0:30	50.40	8.90	15.90	17.90	34.50
4/8/2013 0:45	15.70	15.00	55.50	8.10	7.60
4/8/2013 1:00	45.80	7.50	15.90	17.50	29.90
4/8/2013 1:15	45.10	8.80	18.40	19.10	26.70
4/8/2013 1:30	56.00	13.80	24.10	20.60	35.40
4/8/2013 1:45	56.80	22.70	17.40	21.80	39.40
4/8/2013 2:00	34.90	26.00	16.30	18.90	18.60
4/8/2013 2:15	37.90	20.10	18.10	17.70	20.20
4/8/2013 2:30	57.10	20.30	13.40	16.00	43.70
4/8/2013 2:45	14.30	15.80	52.90	11.40	4.40
4/8/2013 3:00	38.40	10.20	15.60	17.30	22.80
4/8/2013 3:15	44.10	7.70	14.40	17.20	29.70
4/8/2013 3:30	44.60	6.10	13.50	20.70	31.10
4/8/2013 3:45	39.90	5.30	13.40	20.60	26.50
4/8/2013 4:00	57.30	5.30	13.60	13.20	44.10
4/8/2013 4:15	51.00	5.20	13.10	11.90	39.10
4/8/2013 4:30	62.50	5.50	13.30	10.40	52.10
4/8/2013 4:45	25.30	5.80	13.00	11.50	13.80
4/8/2013 5:00	22.00	5.50	14.70	14.10	7.90
4/8/2013 5:15	17.10	5.40	14.10	15.90	3.00
4/8/2013 5:30	35.10	6.40	13.70	12.60	22.50
4/8/2013 5:45	53.20	15.40	11.70	12.00	41.50
4/8/2013 6:00	66.70	23.90	11.20	13.40	55.50
4/8/2013 6:15	51.00	11.20	16.00	13.90	37.10
4/8/2013 6:30	41.10	6.20	17.60	19.90	23.50
4/8/2013 6:45	35.10	8.00	11.50	17.30	23.60
4/8/2013 7:00	38.30	11.60	10.90	14.10	27.40
4/8/2013 7:15	23.30	12.90	11.50	12.90	11.80
4/8/2013 7:30	22.70	9.80	12.10	15.30	10.60
4/8/2013 8:00	21.00	10.60	12.40	11.90	21.00
4/8/2013 8:15	20.70	11.20	13.30	12.60	20.70
4/9/2013 17:15	20.00	8.70	600.00	664.00	0.00
4/9/2013 17:30	590.00	602.00	20.60	8.30	593.70
4/9/2013 17:45	40.60	479.70	17.50	8.30	471.40
4/9/2013 18:00	52.50	-5.70	19.10	8.30	44.20
4/9/2013 18:15	18.50	8.30	45.60	39.50	0.00
4/9/2013 18:30	27.80	-5.70	18.90	8.30	19.50
4/9/2013 18:45	28.20	-5.70	14.80	8.30	19.90
4/9/2013 19:00	27.30	-5.70	15.00	7.90	19.40
4/9/2013 19:15	18.70	8.10	26.40	437.00	0.00
4/9/2013 19:30	19.50	7.80	20.90	-5.70	25.20
4/9/2013 19:45	25.90	7.00	20.30	-5.60	31.50
4/9/2013 20:00	21.20	-5.70	15.70	7.20	14.00
4/9/2013 20:15	18.10	25.20	13.20	6.50	18.70
4/9/2013 20:30	28.60	290.00	24.20	8.10	281.90
4/9/2013 20:45	32.80	2.00	28.40	8.90	23.90
4/9/2013 21:30	24.60	52.30	21.00	10.90	41.40
4/9/2013 21:45	26.30	-8.00	20.30	12.70	13.60
4/9/2013 22:00	20.80	15.40	62.20	-8.00	28.80
4/29/2013 21:00	10.30	8.90	18.20	53.90	0.00
4/29/2013 21:15	10.70	7.90	14.60	41.40	0.00
4/29/2013 21:30	9.10	5.60	12.20	21.90	0.00
4/29/2013 21:45	20.10	22.00	9.60	25.80	12.40
4/29/2013 22:00	18.20	16.80	16.00	31.30	2.20
4/29/2013 22:15	17.70	11.50	16.10	31.50	1.60
4/29/2013 22:30	14.50	17.20	38.90	18.60	0.00
4/29/2013 22:45	16.70	18.20	21.60	36.40	0.00
4/29/2013 23:00	22.60	10.20	21.90	26.20	0.70



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(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
4/29/2013 23:15	55.30	5.70	34.90	33.40	21.90
4/29/2013 23:30	20.60	5.50	23.40	32.20	0.00
4/29/2013 23:45	12.30	9.10	32.10	34.20	0.00
4/30/2013 0:00	15.70	13.70	25.20	33.10	0.00
4/30/2013 0:15	13.10	14.20	23.10	27.40	0.00
4/30/2013 0:30	10.60	11.00	15.90	27.90	0.00
4/30/2013 0:45	10.20	8.00	30.40	73.50	0.00
4/30/2013 1:00	8.70	9.50	63.30	76.10	0.00
4/30/2013 1:15	10.30	8.70	31.90	67.90	0.00
4/30/2013 1:30	11.00	8.60	29.60	28.30	0.00
4/30/2013 1:45	20.80	8.30	36.30	62.30	0.00
4/30/2013 2:00	37.50	16.00	16.60	16.30	21.20
4/30/2013 2:15	56.10	52.50	19.60	17.60	38.50
4/30/2013 2:30	35.40	37.60	14.00	15.40	23.60
4/30/2013 2:45	42.40	32.80	12.30	15.50	30.10
4/30/2013 3:00	38.60	35.40	11.60	54.20	27.00
4/30/2013 3:15	32.40	36.30	11.70	23.80	24.60
4/30/2013 3:30	83.10	69.00	14.00	23.20	69.10
4/30/2013 3:45	90.70	62.20	13.80	20.00	76.90
4/30/2013 4:00	74.80	67.80	12.90	22.00	61.90
4/30/2013 4:15	53.00	16.30	12.60	23.70	40.40
4/30/2013 4:30	37.20	16.00	13.40	34.90	23.80
4/30/2013 4:45	38.00	13.00	16.50	54.90	21.50
4/30/2013 5:00	59.60	13.50	17.50	27.40	42.10
4/30/2013 5:15	40.50	13.60	18.20	22.10	22.30
4/30/2013 5:30	41.00	27.60	17.50	20.90	23.50
4/30/2013 5:45	53.00	48.80	16.90	21.20	36.10
4/30/2013 6:00	34.20	38.20	13.90	20.90	24.30
4/30/2013 6:15	51.40	112.90	14.30	17.20	98.60
4/30/2013 6:30	49.80	96.30	13.70	17.10	82.60
4/30/2013 6:45	40.20	92.90	14.50	17.90	78.40
4/30/2013 7:00	37.00	41.00	15.40	20.60	25.60
4/30/2013 7:15	29.10	31.10	18.70	24.00	12.40
4/30/2013 7:30	27.50	18.30	13.90	19.60	13.60
4/30/2013 7:45	26.90	14.50	13.50	25.20	13.40
4/30/2013 8:00	24.80	13.40	14.10	41.70	10.70
4/30/2013 8:15	26.40	14.70	14.50	31.60	11.90
4/30/2013 8:30	24.90	14.40	14.90	24.70	10.00
4/30/2013 8:45	18.90	14.50	15.10	19.60	3.80
4/30/2013 9:00	15.80	14.80	13.20	21.10	2.60
4/30/2013 9:15	21.70	15.40	13.00	16.80	8.70
4/30/2013 9:30	21.30	15.30	9.80	14.20	11.50
4/30/2013 9:45	19.20	14.20	10.30	14.00	8.90
4/30/2013 10:00	18.10	11.30	9.10	23.60	9.00
4/30/2013 10:15	14.20	11.20	11.30	29.70	2.90
4/30/2013 10:30	10.20	10.90	8.50	22.40	2.40
4/30/2013 10:45	10.30	10.00	9.70	16.10	0.60
4/30/2013 11:00	28.00	9.30	10.70	16.80	17.30
4/30/2013 11:15	11.20	31.60	9.30	19.50	22.30
4/30/2013 11:30	7.80	7.60	10.50	32.70	0.00
4/30/2013 11:45	6.50	21.90	33.00	30.90	0.00
4/30/2013 12:00	8.40	25.10	18.00	25.20	7.10
4/30/2013 12:15	23.10	23.70	16.70	26.10	7.00
4/30/2013 12:30	11.10	18.70	29.50	15.30	3.40
4/30/2013 12:45	19.80	15.50	10.10	17.80	9.70
4/30/2013 13:00	14.70	15.20	10.90	15.80	4.30
4/30/2013 13:15	16.60	15.30	10.90	15.60	5.70
4/30/2013 13:30	60.40	46.60	8.80	16.70	51.60
4/30/2013 13:45	46.20	36.50	10.60	24.50	35.60
4/30/2013 14:00	38.60	22.20	13.90	17.70	24.70
5/1/2013 0:00	6.60	10.90	11.70	5.00	5.90
5/1/2013 0:15	5.60	12.90	8.40	9.10	4.50
5/1/2013 0:30	5.00	11.30	8.30	8.10	3.20
5/1/2013 0:45	5.50	9.60	11.10	7.00	2.60
5/1/2013 1:00	4.80	14.10	7.60	8.80	6.50
5/1/2013 1:15	6.50	24.40	12.90	9.20	15.20
5/1/2013 1:30	10.40	17.10	15.80	14.20	2.90
5/1/2013 1:45	5.40	29.80	19.50	33.50	10.30
5/1/2013 2:00	16.20	8.60	21.80	25.70	0.00
5/1/2013 2:15	6.40	8.90	12.80	13.40	0.00
5/1/2013 2:30	5.40	7.40	8.80	9.50	0.00
5/1/2013 2:45	5.60	12.40	10.80	10.90	1.60
5/1/2013 3:00	4.70	9.60	14.00	9.60	0.00
5/1/2013 3:15	4.20	11.90	9.00	5.10	6.80
5/1/2013 3:30	4.50	8.60	8.90	4.60	4.00
5/1/2013 3:45	5.30	8.20	10.60	4.90	3.30
5/1/2013 4:00	9.50	4.30	4.80	12.60	4.70
5/1/2013 4:15	4.90	10.00	4.80	3.80	6.20
5/1/2013 4:30	4.40	12.10	4.60	3.50	8.60
5/1/2013 4:45	4.20	18.80	6.20	3.20	15.60
5/1/2013 5:00	15.20	15.60	5.80	2.80	12.80
5/1/2013 5:15	4.80	19.20	5.40	2.70	16.50
5/1/2013 5:30	3.80	19.10	6.60	3.30	15.80
5/1/2013 5:45	3.90	17.40	8.50	3.60	13.80
5/1/2013 6:00	10.60	26.90	6.80	3.60	23.30
5/1/2013 6:15	2.60	26.20	6.50	3.60	22.60
5/1/2013 6:30	2.70	22.00	3.90	3.60	18.40
5/1/2013 6:45	7.10	25.60	2.80	4.30	22.80
5/1/2013 7:00	8.90	16.80	3.30	4.50	13.50



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/1/2013 7:15	3.40	21.20	4.60	3.10	18.10
5/1/2013 7:30	5.40	22.10	4.70	3.00	19.10
5/1/2013 7:45	8.40	23.60	3.80	3.40	20.20
5/1/2013 8:00	14.10	8.10	4.70	3.60	10.50
5/1/2013 8:15	9.10	12.90	5.20	4.10	8.80
5/1/2013 8:30	15.90	13.90	4.50	3.70	12.20
5/1/2013 8:45	8.40	9.00	4.50	3.30	5.70
5/1/2013 9:00	5.80	6.80	5.30	3.30	3.50
5/1/2013 9:15	2.40	7.60	3.10	3.10	4.50
5/1/2013 9:30	7.20	10.80	3.30	3.00	7.80
5/1/2013 9:45	5.50	8.50	4.50	9.90	4.00
5/1/2013 10:00	3.80	9.60	8.40	7.50	2.10
5/1/2013 10:15	3.40	11.80	7.40	14.70	4.40
5/1/2013 10:30	3.10	11.50	6.20	11.40	5.30
5/1/2013 10:45	2.00	9.10	2.20	6.60	6.90
5/1/2013 11:00	3.00	9.30	2.20	4.70	7.10
5/1/2013 11:15	5.30	12.20	7.70	4.10	8.10
5/1/2013 11:30	8.10	7.70	6.80	4.70	3.40
5/1/2013 11:45	9.50	7.00	8.20	3.00	6.50
5/1/2013 12:00	7.60	9.10	8.00	3.10	6.00
5/1/2013 12:15	2.80	10.50	6.30	4.10	6.40
5/1/2013 12:30	4.00	13.70	2.60	4.70	11.10
5/1/2013 12:45	5.00	10.20	5.40	5.40	4.80
5/1/2013 13:00	7.90	10.90	2.30	5.70	8.60
5/1/2013 13:15	7.00	11.40	1.90	7.30	9.50
5/1/2013 13:30	7.60	12.20	2.30	7.50	9.90
5/1/2013 13:45	5.90	10.30	1.50	8.00	8.80
5/1/2013 14:00	4.70	13.00	1.80	7.50	11.20
5/1/2013 14:15	7.10	10.20	1.30	6.30	8.90
5/1/2013 14:30	6.80	22.70	0.90	6.10	21.80
5/1/2013 14:45	0.50	5.60	14.40	11.40	0.00
5/1/2013 15:00	34.20	14.00	0.80	5.80	33.40
5/1/2013 15:15	8.40	31.30	0.40	5.40	30.90
5/1/2013 15:30	2.70	28.30	0.30	4.90	28.00
5/1/2013 15:45	3.30	23.10	0.00	4.10	23.10
5/1/2013 16:00	1.60	20.30	0.10	2.90	20.20
5/1/2013 16:15	7.50	14.90	0.40	2.40	14.50
5/1/2013 16:30	10.80	11.40	0.60	2.30	10.80
5/1/2013 16:45	6.00	11.60	0.80	2.90	10.80
5/1/2013 17:00	3.60	11.50	0.80	2.70	10.70
5/1/2013 17:15	1.60	2.90	6.00	9.20	0.00
5/1/2013 17:30	6.90	16.80	1.80	4.20	15.00
5/1/2013 17:45	15.60	26.90	1.10	3.40	25.80
5/1/2013 18:00	6.70	13.50	3.90	3.60	9.90
5/1/2013 18:15	3.80	22.00	13.90	8.20	13.80
5/1/2013 18:30	4.50	14.80	13.00	4.20	10.60
5/1/2013 18:45	2.70	9.50	12.60	3.60	5.90
5/1/2013 19:00	3.20	8.00	8.90	3.20	4.80
5/1/2013 19:15	3.50	8.10	9.90	3.50	4.60
5/1/2013 19:30	1.80	8.30	10.50	7.30	1.00
5/1/2013 19:45	2.70	10.00	8.00	4.50	5.50
5/1/2013 20:00	2.70	9.70	4.30	4.00	5.70
5/1/2013 20:15	4.70	10.70	2.30	3.00	8.40
5/1/2013 20:30	3.80	8.50	5.60	2.80	5.70
5/1/2013 20:45	1.40	6.40	7.20	3.00	3.40
5/1/2013 21:00	5.00	8.30	4.30	2.70	5.60
5/1/2013 21:15	4.00	8.60	4.70	2.80	5.80
5/1/2013 21:30	2.40	10.20	3.60	3.00	7.20
5/1/2013 21:45	3.60	9.80	3.40	2.40	7.40
5/1/2013 22:00	3.50	10.50	6.60	2.30	8.20
5/1/2013 22:15	3.80	11.30	4.20	3.10	8.20
5/1/2013 22:30	3.40	8.80	3.20	2.70	6.10
5/1/2013 22:45	3.10	6.80	3.10	2.30	4.50
5/1/2013 23:00	2.30	7.60	3.70	2.10	5.50
5/1/2013 23:15	3.00	7.80	4.00	2.20	5.60
5/1/2013 23:30	4.50	6.70	1.20	2.30	5.50
5/1/2013 23:45	3.60	5.90	0.80	2.30	5.10
5/2/2013 0:00	2.60	6.90	1.00	2.30	5.90
5/2/2013 0:15	2.60	6.30	1.50	2.20	4.80
5/2/2013 0:30	2.20	5.50	2.20	2.10	3.40
5/2/2013 0:45	2.50	5.70	3.40	2.00	3.70
5/2/2013 1:00	3.80	5.10	2.60	2.10	3.00
5/2/2013 1:15	2.30	4.60	0.70	2.00	3.90
5/2/2013 1:30	2.60	5.20	1.40	2.00	3.80
5/2/2013 1:45	4.00	5.00	0.90	2.10	4.10
5/2/2013 2:00	2.80	6.00	1.20	2.30	4.80
5/2/2013 2:15	2.80	6.10	1.00	2.60	5.10
5/2/2013 2:30	3.00	5.30	-0.80	2.50	6.10
5/2/2013 2:45	1.60	5.20	-2.60	2.20	7.80
5/2/2013 3:00	2.20	4.90	-2.80	2.20	7.70
5/2/2013 3:15	1.60	7.50	-1.90	2.60	9.40
5/2/2013 3:30	2.10	8.00	-0.40	8.50	8.40
5/2/2013 3:45	2.80	12.50	-0.80	24.40	13.30
5/2/2013 4:00	4.20	11.60	-1.10	17.90	12.70
5/2/2013 4:15	2.70	8.10	-0.10	19.10	8.20
5/2/2013 4:30	3.30	8.80	0.80	43.10	8.00
5/2/2013 4:45	1.50	41.00	4.90	-0.70	41.70
5/2/2013 5:00	5.50	-0.60	0.80	14.80	4.70
5/2/2013 5:15	8.60	-0.70	3.30	7.90	5.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/2/2013 5:30	3.10	340.10	6.00	-0.70	340.80
5/2/2013 5:45	2.90	428.90	5.50	-0.70	429.60
5/2/2013 6:00	3.50	509.60	4.90	-0.80	510.40
5/2/2013 6:15	3.20	330.60	4.70	1.90	328.70
5/2/2013 6:30	3.20	234.70	4.80	-0.70	235.40
5/2/2013 6:45	3.20	65.10	6.10	59.70	59.00
5/2/2013 7:00	3.50	368.60	5.20	484.50	363.40
5/2/2013 7:15	3.40	339.50	5.50	403.00	334.00
5/2/2013 7:30	4.10	393.10	7.40	55.80	385.70
5/2/2013 7:45	3.80	193.20	6.70	627.10	186.50
5/2/2013 8:00	6.50	9.00	4.40	139.20	0.00
5/2/2013 8:15	4.50	271.80	6.30	5.30	266.50
5/2/2013 8:30	8.00	-0.60	5.30	498.20	2.70
5/2/2013 8:45	6.40	263.20	5.20	213.30	258.00
5/2/2013 9:00	6.10	-0.60	5.10	445.30	1.00
5/2/2013 9:15	10.50	-0.10	5.80	491.40	4.70
5/2/2013 9:30	6.10	1.90	5.80	273.60	0.30
5/2/2013 9:45	17.50	74.10	0.10	5.50	74.00
5/2/2013 10:00	7.20	559.70	0.40	6.80	559.30
5/2/2013 10:15	2.20	8.00	0.20	6.30	7.80
5/2/2013 10:30	2.50	8.20	0.20	6.00	8.00
5/2/2013 10:45	3.00	8.60	0.30	6.00	8.30
5/2/2013 11:00	4.80	8.60	0.40	5.80	8.20
5/2/2013 11:15	3.30	11.00	0.30	6.10	10.70
5/2/2013 11:30	3.00	7.80	0.40	6.00	7.40
5/2/2013 11:45	3.80	10.00	0.20	6.10	9.80
5/2/2013 12:00	3.00	8.60	0.50	6.10	8.10
5/2/2013 12:15	3.70	8.80	0.50	6.10	8.30
5/2/2013 12:30	3.10	8.20	0.60	5.60	7.60
5/2/2013 12:45	5.10	8.40	0.20	5.60	8.20
5/2/2013 13:00	4.60	9.20	0.60	5.70	8.60
5/2/2013 13:15	5.30	10.30	1.60	5.50	8.70
5/2/2013 13:30	5.30	9.80	1.30	5.50	8.50
5/2/2013 13:45	3.90	9.80	2.00	5.20	7.80
5/2/2013 14:00	3.70	8.80	2.20	5.00	6.60
5/2/2013 14:15	4.00	9.30	2.10	5.00	7.20
5/2/2013 14:30	6.20	10.90	2.70	5.20	8.20
5/2/2013 14:45	6.20	11.20	2.40	5.50	8.80
5/2/2013 15:00	7.10	11.60	3.40	6.30	8.20
5/2/2013 15:15	3.30	5.90	6.00	11.20	0.00
5/2/2013 15:30	6.40	10.40	4.00	6.00	6.40
5/2/2013 15:45	3.90	6.40	6.60	10.80	0.00
5/2/2013 16:00	6.50	10.50	3.70	6.60	6.80
5/2/2013 16:15	7.30	11.20	3.10	6.40	8.10
5/2/2013 16:30	9.80	13.10	7.00	6.90	6.20
5/2/2013 16:45	7.80	11.80	4.20	6.80	7.60
5/2/2013 17:00	8.70	12.90	20.80	9.20	3.70
5/2/2013 17:15	13.90	16.80	25.00	19.50	0.00
5/2/2013 17:30	16.40	20.10	27.30	23.00	0.00
5/2/2013 17:45	14.50	20.80	19.60	19.00	1.80
5/2/2013 18:00	28.90	35.00	17.90	16.20	18.80
5/2/2013 18:15	32.00	29.30	17.20	12.20	19.80
5/2/2013 18:30	13.10	16.70	25.10	12.90	3.80
5/2/2013 18:45	28.90	17.40	17.60	20.20	11.30
5/2/2013 19:00	22.40	29.10	26.20	12.50	16.60
5/2/2013 19:15	24.90	29.70	25.50	11.40	18.30
5/2/2013 19:30	19.20	21.90	31.90	10.80	11.10
5/2/2013 19:45	18.10	22.00	30.10	19.40	2.60
5/2/2013 20:00	18.20	20.10	25.10	20.40	0.00
5/2/2013 20:15	14.20	15.60	24.00	14.60	1.00
5/2/2013 20:30	11.20	14.00	21.70	19.70	0.00
5/2/2013 20:45	20.60	24.30	11.50	14.80	12.80
5/2/2013 21:00	11.90	16.00	21.40	16.20	0.00
5/2/2013 21:15	10.60	14.40	21.40	13.40	1.00
5/2/2013 21:30	10.00	13.90	19.70	12.60	1.30
5/2/2013 21:45	10.80	14.70	17.20	18.90	0.00
5/2/2013 22:00	11.60	15.00	17.60	17.00	0.00
5/2/2013 22:15	14.40	17.10	18.80	21.00	0.00
5/2/2013 22:30	10.50	14.00	18.70	26.30	0.00
5/2/2013 22:45	35.60	62.80	10.20	14.00	52.60
5/2/2013 23:00	29.00	38.00	13.70	17.80	24.30
5/2/2013 23:15	40.10	54.70	13.00	15.90	41.70
5/2/2013 23:30	51.90	60.70	14.20	17.20	46.50
5/2/2013 23:45	53.00	93.00	13.40	17.80	79.60
5/3/2013 0:00	14.70	16.90	60.50	71.50	0.00
5/3/2013 0:15	11.60	13.80	55.50	57.90	0.00
5/3/2013 0:30	10.50	15.00	45.10	69.60	0.00
5/3/2013 0:45	15.50	18.30	37.30	56.50	0.00
5/3/2013 1:00	16.50	18.60	41.40	43.80	0.00
5/3/2013 1:15	15.00	21.40	29.70	29.00	0.00
5/3/2013 1:30	19.40	26.70	33.60	32.70	0.00
5/3/2013 1:45	21.70	23.90	45.50	43.80	0.00
5/3/2013 2:00	11.40	14.60	42.70	55.60	0.00
5/3/2013 2:15	15.50	18.70	37.60	36.70	0.00
5/3/2013 2:30	20.40	24.50	34.10	36.10	0.00
5/3/2013 2:45	25.40	28.20	35.30	35.50	0.00
5/3/2013 3:00	33.30	33.10	16.10	20.10	17.20
5/3/2013 3:15	20.50	26.80	30.20	32.20	0.00
5/3/2013 3:30	20.70	20.60	35.50	42.50	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/3/2013 3:45	26.60	28.50	40.50	43.20	0.00
5/3/2013 4:00	20.70	22.00	29.50	39.50	0.00
5/3/2013 4:15	-2.10	4.10	-6.20	0.00	10.30
5/3/2013 4:30	-5.70	0.00	-2.20	3.20	2.20
5/3/2013 4:45	-2.00	3.60	-5.70	0.60	9.30
5/3/2013 5:00	-1.90	3.20	545.10	0.80	2.40
5/3/2013 5:15	-1.40	3.30	10.00	0.90	2.40
5/3/2013 5:30	-0.40	3.20	-4.00	0.90	7.20
5/3/2013 5:45	-4.30	0.80	-0.20	6.50	1.00
5/3/2013 6:00	0.00	3.40	-4.40	0.80	7.80
5/3/2013 6:15	0.60	3.40	-4.40	0.80	7.80
5/3/2013 6:30	-4.30	1.00	0.90	3.60	0.10
5/3/2013 6:45	-4.30	0.80	1.00	3.10	0.00
5/3/2013 7:00	-4.30	0.70	0.00	3.20	0.70
5/3/2013 7:15	0.50	3.00	-4.30	0.70	7.30
5/3/2013 7:30	0.50	3.30	-4.40	0.50	7.70
5/3/2013 7:45	0.70	3.30	-4.40	0.70	7.70
5/3/2013 8:00	0.80	3.20	-4.40	0.80	7.60
5/3/2013 8:15	-4.30	0.60	1.20	3.30	0.00
5/3/2013 8:30	-4.30	0.60	1.30	3.20	0.00
5/3/2013 8:45	0.40	5.70	-4.20	0.60	0.00
5/3/2013 9:00	-4.50	0.60	0.10	3.40	0.50
5/3/2013 9:15	-4.40	0.60	0.20	3.20	0.40
5/3/2013 9:30	-4.20	0.60	0.30	3.10	0.30
5/3/2013 9:45	-4.20	0.60	0.70	3.40	0.00
5/3/2013 10:00	-4.30	0.70	1.00	3.40	0.00
5/3/2013 10:15	1.20	3.50	-4.10	0.70	0.00
5/3/2013 10:30	-4.10	0.70	0.70	3.30	0.00
5/3/2013 10:45	0.30	5.90	-4.20	0.60	0.00
5/3/2013 11:00	-0.10	3.90	-4.30	0.50	8.20
5/3/2013 11:15	-0.60	3.50	-4.40	0.60	7.90
5/3/2013 11:30	-4.20	0.60	-0.30	3.00	0.90
5/3/2013 11:45	-0.20	3.20	-4.40	0.60	7.60
5/3/2013 12:00	-4.30	0.60	-0.10	3.70	0.70
5/3/2013 12:15	-4.20	0.60	0.30	3.60	0.30
5/3/2013 12:30	-4.30	0.60	0.10	3.50	0.50
5/3/2013 12:45	-4.20	0.70	0.20	3.70	0.50
5/3/2013 13:00	0.30	3.10	-3.90	0.70	7.00
5/3/2013 13:15	0.50	3.20	-3.90	0.70	7.10
5/3/2013 13:30	-3.90	0.70	0.40	3.50	0.30
5/3/2013 13:45	-0.70	5.10	-4.10	3.40	9.20
5/3/2013 14:00	-1.40	3.50	-4.40	0.60	7.90
5/3/2013 14:15	-1.20	4.00	-4.90	13.20	8.90
5/3/2013 14:30	-1.30	3.00	-4.80	0.70	7.80
5/3/2013 14:45	-1.10	3.20	-4.70	0.70	7.90
5/3/2013 15:00	-4.30	0.70	-1.30	3.00	2.00
5/3/2013 15:15	-4.10	0.60	-1.00	3.10	1.60
5/3/2013 15:30	-1.10	3.20	-4.10	0.60	7.30
5/3/2013 15:45	-0.70	3.60	-4.00	0.70	7.60
5/3/2013 16:00	-0.50	3.80	-3.90	0.70	7.70
5/3/2013 16:15	-0.20	3.10	-3.80	0.70	6.90
5/3/2013 16:30	0.00	3.10	-3.80	0.70	6.90
5/3/2013 16:45	0.00	3.50	-3.70	0.80	7.20
5/3/2013 17:00	-3.70	0.80	0.30	3.10	0.50
5/3/2013 17:15	-3.70	0.90	0.60	3.10	0.30
5/3/2013 17:30	-3.60	1.00	0.90	3.20	0.10
5/3/2013 17:45	0.90	3.80	-3.70	0.90	7.50
5/3/2013 18:00	1.20	3.20	-3.70	1.00	6.90
5/3/2013 18:15	-3.60	1.00	1.50	3.30	0.00
5/3/2013 18:30	-3.60	1.00	1.40	3.10	0.00
5/3/2013 18:45	-3.60	1.00	1.30	3.20	0.00
5/3/2013 19:00	-3.60	0.90	1.00	3.20	0.00
5/3/2013 19:15	1.00	3.10	-3.60	1.00	6.70
5/3/2013 19:30	-3.60	1.00	1.10	3.10	0.00
5/3/2013 19:45	-3.70	0.90	0.80	3.10	0.10
5/3/2013 20:00	1.10	3.10	-3.70	0.90	6.80
5/3/2013 20:15	-3.70	1.00	0.90	3.10	0.10
5/3/2013 20:30	-3.70	1.20	1.30	3.10	0.00
5/3/2013 20:45	1.10	3.10	-3.70	1.30	6.80
5/3/2013 21:00	1.20	3.10	-3.70	1.30	6.80
5/3/2013 21:15	-3.80	1.30	1.00	3.00	0.30
5/3/2013 21:30	-3.80	1.20	0.70	3.00	0.50
5/3/2013 21:45	-3.80	1.10	0.70	3.00	0.40
5/3/2013 22:00	0.70	3.00	-3.80	1.10	6.80
5/3/2013 22:15	0.90	3.00	-3.80	1.20	6.80
5/3/2013 22:30	-3.80	1.20	1.00	3.00	0.20
5/3/2013 22:45	1.10	3.00	-3.80	1.30	6.80
5/3/2013 23:00	1.30	3.00	-3.80	1.30	6.80
5/3/2013 23:15	1.50	3.00	-3.80	1.30	6.80
5/3/2013 23:30	1.40	2.90	-3.80	1.30	6.70
5/3/2013 23:45	-3.90	1.20	1.20	3.00	0.00
5/4/2013 0:00	1.30	3.00	-3.90	1.30	0.00
5/4/2013 0:15	1.40	3.00	-3.80	1.30	6.80
5/4/2013 0:30	-3.90	1.30	1.30	3.00	0.00
5/4/2013 0:45	1.40	3.00	-3.90	1.30	6.90
5/4/2013 1:00	1.30	3.00	-3.90	1.30	6.90
5/4/2013 1:15	1.10	3.00	-3.90	1.30	6.90
5/4/2013 1:30	-3.70	1.30	1.20	3.00	0.10
5/4/2013 1:45	-3.80	1.30	1.10	3.00	0.20



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/4/2013 2:00	1.50	3.00	-3.90	1.20	6.90
5/4/2013 2:15	1.40	3.00	-3.80	1.30	6.80
5/4/2013 2:30	1.70	3.00	-3.90	1.30	6.90
5/4/2013 2:45	-3.90	1.30	1.90	3.10	0.00
5/4/2013 3:00	5.40	10.50	-3.90	1.30	14.40
5/4/2013 3:15	6.60	9.90	4.40	10.90	5.50
5/4/2013 3:30	6.20	10.00	5.20	10.90	4.80
5/4/2013 3:45	4.10	9.30	5.20	10.80	4.10
5/4/2013 4:00	5.30	11.10	4.30	8.50	6.80
5/4/2013 4:15	8.60	11.70	4.90	8.80	6.80
5/4/2013 4:30	13.70	12.00	5.80	30.60	7.90
5/4/2013 4:45	19.50	18.50	5.90	16.00	13.60
5/4/2013 5:00	18.40	23.60	5.90	10.10	17.70
5/4/2013 5:15	24.40	23.10	20.10	30.00	4.30
5/4/2013 5:30	25.40	51.00	26.90	34.70	24.10
5/4/2013 5:45	25.60	22.80	27.70	38.60	0.00
5/4/2013 6:00	23.20	37.50	19.50	23.00	18.00
5/4/2013 6:15	30.50	32.00	22.60	28.60	9.40
5/4/2013 6:30	34.40	38.90	47.60	45.90	0.00
5/4/2013 6:45	32.70	28.10	47.90	56.70	0.00
5/4/2013 7:00	23.70	20.50	32.20	26.20	0.00
5/4/2013 7:15	33.10	33.40	18.80	25.00	14.60
5/4/2013 7:30	29.30	29.30	22.90	28.00	6.40
5/4/2013 7:45	28.80	25.10	16.00	21.20	12.80
5/4/2013 8:00	16.90	19.80	28.50	24.60	0.00
5/4/2013 8:15	26.00	24.20	15.20	19.40	10.80
5/4/2013 8:30	23.60	25.00	19.10	22.90	5.90
5/4/2013 8:45	22.70	22.30	20.40	22.70	0.00
5/4/2013 9:00	23.60	29.90	20.60	22.30	9.30
5/4/2013 9:15	25.10	24.00	20.00	21.80	5.10
5/4/2013 9:30	18.80	22.60	23.00	18.70	3.90
5/4/2013 9:45	20.20	21.30	24.00	24.10	0.00
5/4/2013 10:00	15.80	20.00	26.00	25.80	0.00
5/4/2013 10:15	11.90	15.40	21.80	26.10	0.00
5/4/2013 10:30	11.70	14.50	20.80	25.00	0.00
5/4/2013 10:45	11.50	14.80	19.60	25.00	0.00
5/4/2013 11:00	10.00	15.30	18.50	23.10	0.00
5/4/2013 11:15	13.60	20.90	19.30	22.10	1.60
5/4/2013 11:30	23.40	28.40	16.30	22.30	12.10
5/4/2013 11:45	41.20	47.50	17.80	22.60	29.70
5/4/2013 12:00	19.30	22.40	15.40	23.00	7.00
5/4/2013 12:15	17.80	21.70	28.30	27.90	0.00
5/4/2013 12:30	52.10	52.30	16.90	20.10	35.40
5/4/2013 12:45	49.30	39.30	17.20	19.60	32.10
5/4/2013 13:00	33.20	32.20	17.70	20.70	15.50
5/4/2013 13:15	27.30	33.90	27.50	19.20	14.70
5/4/2013 13:30	51.30	45.90	26.70	19.40	31.90
5/4/2013 13:45	28.20	26.20	28.40	21.90	6.30
5/4/2013 14:00	22.30	22.30	27.30	24.90	0.00
5/4/2013 14:15	24.40	20.00	25.90	19.00	5.40
5/4/2013 14:30	30.20	20.50	23.10	16.30	13.90
5/4/2013 14:45	24.40	16.10	27.40	20.10	4.30
5/4/2013 15:00	39.90	27.30	27.00	15.80	24.10
5/4/2013 15:15	61.90	64.80	22.20	15.60	49.20
5/4/2013 15:30	10.20	12.70	24.80	16.20	0.00
5/4/2013 15:45	29.00	16.40	16.50	21.30	12.50
5/4/2013 16:00	21.30	16.60	-1.60	2.70	22.90
5/4/2013 16:15	1.20	3.00	-5.70	2.90	8.70
5/4/2013 16:30	1.30	3.10	-5.40	0.80	8.50
5/4/2013 16:45	9.30	15.50	-6.30	1.00	21.80
5/4/2013 17:00	-4.90	1.00	7.70	13.50	0.00
5/4/2013 17:15	6.70	13.00	5.80	13.60	0.00
5/4/2013 17:30	7.30	15.10	8.90	14.50	6.20
5/4/2013 17:45	6.60	13.50	6.80	17.70	6.70
5/4/2013 18:00	8.10	18.20	5.00	15.90	13.20
5/4/2013 18:15	3.80	17.40	9.20	13.50	8.20
5/4/2013 18:30	9.00	14.00	3.20	21.10	10.80
5/4/2013 18:45	7.30	13.60	3.60	15.10	10.00
5/4/2013 19:00	7.20	12.10	3.00	17.50	9.10
5/4/2013 19:15	8.80	15.60	2.70	20.10	12.90
5/4/2013 19:30	5.90	16.10	2.40	23.50	13.70
5/4/2013 19:45	6.80	22.20	2.20	18.70	20.00
5/4/2013 20:00	4.90	20.80	3.80	16.70	17.00
5/4/2013 20:15	7.40	15.30	3.90	14.80	11.40
5/4/2013 20:30	5.90	12.50	2.60	14.40	9.90
5/4/2013 20:45	7.60	13.50	3.20	16.50	10.30
5/4/2013 21:00	7.00	16.50	2.60	16.30	13.90
5/4/2013 21:15	7.60	17.40	4.60	10.70	12.80
5/4/2013 21:30	2.30	15.30	4.80	10.60	10.50
5/4/2013 21:45	6.80	12.30	7.30	15.60	5.00
5/4/2013 22:00	5.40	16.00	7.50	19.70	8.50
5/4/2013 22:15	10.50	15.50	7.20	16.90	8.30
5/4/2013 22:30	7.10	18.20	10.60	17.90	7.60
5/4/2013 22:45	6.60	14.90	10.00	17.30	4.90
5/4/2013 23:00	12.50	18.10	7.50	14.20	10.60
5/4/2013 23:15	8.40	17.30	13.40	16.20	3.90
5/4/2013 23:30	7.50	32.50	12.40	16.60	20.10
5/4/2013 23:45	12.00	16.90	6.50	16.20	10.40
5/5/2013 0:00	9.50	16.50	8.20	15.80	8.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/5/2013 0:15	11.00	15.30	7.20	15.80	8.10
5/5/2013 0:30	12.30	15.30	7.50	14.70	7.80
5/5/2013 0:45	9.00	14.90	15.50	16.60	0.00
5/5/2013 1:00	10.60	17.80	10.40	15.60	7.40
5/5/2013 1:15	7.00	16.00	10.20	16.60	5.80
5/5/2013 1:30	7.40	15.70	8.50	19.50	7.20
5/5/2013 1:45	10.30	17.60	8.60	15.30	9.00
5/5/2013 2:00	9.20	15.70	7.20	14.30	8.50
5/5/2013 2:15	10.80	15.50	7.10	16.80	8.40
5/5/2013 2:30	9.10	16.20	8.70	15.80	7.50
5/5/2013 2:45	8.30	15.30	7.80	14.70	7.50
5/5/2013 3:15	7.50	14.60	6.10	13.90	8.50
5/5/2013 3:30	7.10	15.30	6.40	12.80	8.90
5/5/2013 3:45	7.10	14.80	5.40	14.60	9.40
5/5/2013 4:00	6.80	14.00	8.30	14.30	5.70
5/5/2013 4:15	6.10	13.60	5.50	13.90	8.10
5/5/2013 4:30	4.20	13.10	5.70	12.70	7.40
5/5/2013 4:45	5.20	13.60	5.20	13.20	8.40
5/5/2013 5:00	4.50	14.30	6.80	13.40	7.50
5/5/2013 5:15	4.20	12.70	6.30	12.50	6.40
5/5/2013 5:30	4.50	12.50	3.50	12.40	9.00
5/5/2013 5:45	5.20	13.90	5.00	12.00	8.90
5/5/2013 6:00	4.40	13.60	5.90	11.70	7.70
5/5/2013 6:15	4.20	13.20	4.60	11.80	8.60
5/5/2013 6:30	4.20	14.00	4.90	11.40	9.10
5/5/2013 6:45	4.20	14.00	3.60	9.40	10.40
5/5/2013 7:00	4.20	13.60	4.60	10.80	9.00
5/5/2013 7:15	4.00	13.70	5.10	11.50	8.60
5/5/2013 7:30	4.20	12.70	5.70	11.50	7.00
5/5/2013 7:45	3.80	12.50	4.70	11.20	7.80
5/5/2013 8:00	3.90	12.80	3.40	11.50	9.40
5/5/2013 8:15	3.40	13.00	5.00	12.80	8.00
5/5/2013 8:30	4.70	13.00	5.30	12.10	7.70
5/5/2013 8:45	3.80	10.60	5.50	11.00	5.10
5/5/2013 9:00	1.90	12.30	3.60	12.00	8.70
5/5/2013 9:15	2.10	12.00	4.50	11.20	7.50
5/5/2013 9:30	1.80	11.80	4.40	10.30	7.40
5/5/2013 9:45	4.10	12.70	4.90	11.10	7.80
5/5/2013 10:00	4.00	12.30	4.70	11.30	7.60
5/5/2013 10:15	2.70	12.00	4.90	10.70	7.10
5/5/2013 10:30	3.40	12.10	3.40	10.40	8.70
5/5/2013 10:45	3.30	12.00	4.20	10.60	7.80
5/5/2013 11:00	3.30	11.60	4.10	11.90	7.50
5/5/2013 11:15	4.00	10.80	4.10	10.60	6.70
5/5/2013 11:30	3.10	10.90	4.30	10.90	6.60
5/5/2013 11:45	4.30	10.60	4.80	10.80	5.80
5/5/2013 12:00	3.30	11.70	8.40	13.30	3.30
5/5/2013 12:15	3.40	10.80	-3.30	2.80	14.10
5/5/2013 12:30	2.00	8.60	2.90	10.90	5.70
5/5/2013 12:45	3.30	9.20	7.60	15.20	1.60
5/5/2013 13:00	15.50	15.00	7.20	21.80	8.30
5/5/2013 13:15	10.90	17.70	10.80	18.70	6.90
5/5/2013 13:30	10.80	17.30	9.60	17.30	7.70
5/5/2013 13:45	9.70	16.80	10.90	16.00	5.90
5/5/2013 14:00	10.10	17.00	8.80	16.90	8.20
5/5/2013 14:15	7.40	15.60	8.70	16.70	6.90
5/5/2013 14:30	4.20	16.00	4.80	15.10	11.20
5/5/2013 14:45	6.70	16.10	5.30	16.90	10.80
5/5/2013 15:00	4.80	15.60	6.60	16.50	9.00
5/5/2013 15:15	5.90	15.30	5.80	12.30	9.50
5/5/2013 15:30	5.40	11.60	7.00	12.00	4.60
5/5/2013 15:45	6.50	14.30	7.10	11.80	7.20
5/5/2013 16:00	7.30	12.10	8.30	12.10	3.80
5/5/2013 16:15	7.40	13.20	7.90	11.30	5.30
5/5/2013 16:30	6.60	13.30	6.40	12.10	6.90
5/5/2013 16:45	6.40	13.40	6.60	12.40	6.80
5/5/2013 17:00	6.00	13.60	7.60	11.20	6.00
5/5/2013 17:15	6.10	12.90	5.70	10.90	7.20
5/5/2013 17:30	5.60	12.80	6.40	11.60	6.40
5/5/2013 17:45	5.80	13.00	7.00	13.40	6.00
5/5/2013 18:00	5.90	12.80	3.30	11.80	9.50
5/5/2013 18:15	5.80	13.00	5.00	12.30	8.00
5/5/2013 18:30	5.90	14.40	3.90	12.30	10.50
5/5/2013 18:45	5.00	12.90	4.90	11.30	8.00
5/5/2013 19:00	4.90	12.20	6.20	12.00	6.00
5/5/2013 19:15	5.90	12.20	6.30	11.80	5.90
5/5/2013 19:30	6.70	18.30	7.20	32.90	11.10
5/5/2013 19:45	4.80	33.20	13.00	34.60	20.20
5/5/2013 20:00	26.30	28.30	18.20	33.70	10.10
5/5/2013 20:15	20.40	29.50	13.50	29.30	16.00
5/5/2013 20:30	8.90	17.20	22.10	18.60	0.00
5/5/2013 20:45	6.90	18.30	19.80	25.50	0.00
5/5/2013 21:00	8.30	23.30	20.70	23.40	2.60
5/5/2013 21:15	8.30	22.70	17.50	22.70	5.20
5/5/2013 21:30	10.80	21.60	6.10	22.20	15.50
5/5/2013 21:45	6.50	15.20	10.10	17.30	5.10
5/5/2013 22:00	7.30	11.90	10.30	15.60	1.60
5/5/2013 22:15	9.40	11.10	9.50	14.50	1.60
5/5/2013 22:30	9.60	12.00	11.20	14.50	0.80



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/5/2013 22:45	9.60	14.30	9.70	15.50	4.60
5/5/2013 23:00	7.30	13.70	8.20	14.50	5.50
5/5/2013 23:15	9.00	14.60	8.50	16.10	6.10
5/5/2013 23:30	10.10	15.10	10.40	14.20	4.70
5/5/2013 23:45	9.80	13.00	10.50	14.20	2.50
5/6/2013 0:00	8.80	14.70	9.60	13.40	5.10
5/6/2013 0:15	8.50	13.20	7.50	13.60	5.70
5/6/2013 0:30	9.90	15.60	10.50	17.20	5.10
5/6/2013 0:45	9.30	15.80	6.30	13.90	9.50
5/6/2013 1:00	6.30	16.40	7.00	16.10	9.40
5/6/2013 1:15	6.70	15.70	6.20	15.80	9.50
5/6/2013 1:30	6.20	15.30	5.90	12.80	9.40
5/6/2013 1:45	5.40	15.50	5.20	13.40	10.30
5/6/2013 2:00	4.10	15.60	5.10	13.20	10.50
5/6/2013 2:15	4.30	15.60	5.40	13.00	10.20
5/6/2013 2:30	4.00	15.30	4.20	12.90	11.10
5/6/2013 2:45	4.10	14.90	4.40	12.50	10.50
5/6/2013 3:00	3.60	14.20	3.90	11.90	10.30
5/6/2013 3:15	3.30	13.80	3.70	13.00	10.10
5/6/2013 3:30	9.40	14.10	9.70	30.00	4.40
5/6/2013 3:45	15.30	26.00	13.40	23.00	12.60
5/6/2013 4:00	11.90	25.70	9.10	24.40	16.60
5/6/2013 4:15	12.20	24.40	14.40	28.30	10.00
5/6/2013 4:30	17.40	23.10	19.70	23.50	3.40
5/6/2013 4:45	12.00	19.20	8.90	19.50	10.30
5/6/2013 5:00	7.80	15.80	8.50	13.30	7.30
5/6/2013 5:15	9.90	13.80	7.90	15.30	5.90
5/6/2013 5:30	10.50	15.90	10.40	13.50	5.50
5/6/2013 5:45	13.20	13.90	12.00	16.20	1.90
5/6/2013 6:00	16.10	14.30	19.20	18.30	0.00
5/6/2013 6:15	13.80	15.70	6.90	17.40	8.80
5/6/2013 6:30	4.10	17.20	6.30	11.30	10.90
5/6/2013 6:45	4.80	15.60	6.00	11.50	9.60
5/6/2013 7:00	5.40	15.20	5.70	17.20	9.50
5/6/2013 7:15	5.50	14.60	6.50	16.50	8.10
5/6/2013 7:30	4.80	14.40	5.00	16.10	9.40
5/6/2013 7:45	3.20	14.40	4.30	10.80	10.10
5/6/2013 8:00	3.10	14.80	5.00	16.00	9.80
5/6/2013 8:15	8.10	16.20	5.20	17.40	0.00
5/6/2013 8:30	7.90	16.70	8.90	13.90	7.80
5/6/2013 8:45	11.00	14.60	9.90	16.80	4.70
5/6/2013 9:00	9.80	14.90	9.60	15.50	5.30
5/6/2013 9:15	9.50	14.70	8.70	14.80	0.00
5/6/2013 9:30	10.00	14.50	10.40	15.00	4.10
5/6/2013 9:45	10.80	15.90	10.30	14.80	5.60
5/6/2013 10:00	10.40	14.60	10.10	15.80	4.50
5/6/2013 10:15	9.90	14.40	10.50	15.70	3.90
5/6/2013 10:30	10.00	15.70	10.40	13.90	5.30
5/6/2013 10:45	8.40	14.60	6.70	14.80	7.90
5/6/2013 11:00	8.30	14.40	9.50	15.00	4.90
5/6/2013 11:15	8.30	14.30	9.10	12.50	5.20
5/6/2013 11:30	7.70	13.80	9.70	13.10	4.10
5/6/2013 11:45	7.70	13.40	8.30	13.70	5.10
5/6/2013 12:00	7.10	12.60	9.30	12.30	3.30
5/6/2013 12:15	6.70	13.30	8.10	13.00	5.20
5/6/2013 12:30	5.70	15.00	6.20	12.50	8.80
5/6/2013 12:45	6.20	11.60	7.50	11.90	4.10
5/6/2013 13:00	5.70	11.80	4.50	11.50	7.30
5/6/2013 13:15	3.60	11.30	4.00	10.80	7.30
5/6/2013 13:30	2.90	13.70	4.20	14.20	9.50
5/6/2013 13:45	6.10	11.70	3.60	13.30	8.10
5/6/2013 14:00	4.80	13.40	5.40	12.30	8.00
5/6/2013 14:15	3.90	13.30	6.10	11.60	7.20
5/6/2013 14:30	7.60	11.40	3.70	13.40	7.70
5/6/2013 14:45	6.40	12.90	8.10	12.80	4.80
5/6/2013 15:00	5.40	12.60	4.50	11.10	8.10
5/6/2013 15:15	8.10	13.90	5.80	13.50	8.10
5/6/2013 15:30	5.20	12.00	7.50	12.60	4.50
5/6/2013 15:45	6.50	12.70	5.30	11.70	7.40
5/6/2013 16:00	9.40	12.80	7.70	11.10	5.10
5/6/2013 16:15	9.10	12.10	9.30	13.40	2.80
5/6/2013 16:30	8.10	12.70	9.20	15.00	3.50
5/6/2013 16:45	6.80	13.00	6.90	12.80	6.10
5/6/2013 17:00	6.80	12.80	7.30	12.50	5.50
5/6/2013 17:15	5.50	11.90	6.50	12.60	5.40
5/6/2013 17:30	6.70	11.60	8.50	12.50	3.10
5/6/2013 17:45	7.60	12.30	9.60	13.40	2.70
5/6/2013 18:00	7.40	12.30	9.40	14.00	2.90
5/6/2013 18:15	7.40	12.50	8.10	14.70	4.40
5/6/2013 18:30	5.70	11.10	7.30	12.60	3.80
5/6/2013 18:45	7.10	10.80	9.20	12.60	1.60
5/6/2013 19:00	4.00	10.30	5.20	12.80	5.10
5/6/2013 19:15	4.00	9.60	5.70	11.60	3.90
5/6/2013 19:30	4.00	8.90	6.50	10.60	2.40
5/6/2013 19:45	4.60	17.90	6.00	10.50	11.90
5/6/2013 20:00	5.40	10.60	4.10	15.80	6.50
5/6/2013 20:15	3.80	13.30	-1.80	3.10	15.10
5/6/2013 20:30	-1.70	3.10	63.50	0.00	3.10
5/6/2013 20:45	-2.00	3.10	-5.00	0.00	8.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/6/2013 21:00	-0.60	3.20	-4.90	-0.10	8.10
5/6/2013 21:15	-0.10	3.30	-4.80	0.00	8.10
5/6/2013 21:30	0.00	3.30	-3.90	0.00	7.20
5/6/2013 21:45	0.10	3.30	-3.30	0.10	6.60
5/6/2013 22:00	0.00	3.30	-3.70	0.20	7.00
5/6/2013 22:15	0.10	3.30	-3.30	0.20	6.60
5/6/2013 22:30	0.10	3.30	-3.60	0.40	6.90
5/6/2013 22:45	0.40	3.30	-3.60	0.50	6.90
5/6/2013 23:00	1.40	3.30	-3.50	0.50	6.80
5/6/2013 23:15	1.40	3.30	-3.50	0.50	6.80
5/6/2013 23:30	-3.50	0.50	1.50	3.20	0.00
5/6/2013 23:45	-3.40	0.50	1.70	3.40	0.00
5/7/2013 0:00	-3.40	0.40	1.60	3.30	0.00
5/7/2013 0:15	-3.40	0.40	1.60	3.40	0.00
5/7/2013 0:30	-3.40	0.50	1.90	3.30	0.00
5/7/2013 0:45	-3.40	0.40	1.90	3.20	0.00
5/7/2013 1:00	-3.40	0.40	2.00	3.20	0.00
5/7/2013 1:15	-3.40	0.40	2.00	3.30	0.00
5/7/2013 1:30	2.00	3.20	-3.40	0.30	6.60
5/7/2013 1:45	-3.40	0.40	2.30	3.20	0.00
5/7/2013 2:00	-3.40	0.40	2.10	3.20	0.00
5/7/2013 2:15	2.00	3.20	-3.40	0.30	6.60
5/7/2013 2:30	2.30	3.20	-3.40	0.30	6.60
5/7/2013 2:45	-3.30	0.30	2.00	3.20	0.00
5/7/2013 3:00	-3.30	0.30	2.40	3.20	0.00
5/7/2013 3:15	-3.30	0.30	2.00	3.20	0.00
5/7/2013 3:30	2.20	3.20	-3.30	0.30	6.50
5/7/2013 3:45	2.30	3.20	-3.30	0.30	6.50
5/7/2013 4:00	-3.30	0.30	2.30	3.20	0.00
5/7/2013 4:15	-3.30	0.60	2.20	3.20	0.00
5/7/2013 4:30	-3.30	0.80	2.30	3.30	0.00
5/7/2013 4:45	2.30	3.30	-3.30	0.90	6.60
5/7/2013 5:00	2.10	3.20	-3.30	1.00	6.50
5/7/2013 5:15	2.10	3.30	-3.30	1.10	6.60
5/7/2013 5:30	2.30	3.20	-3.30	1.10	6.50
5/7/2013 5:45	2.30	3.30	-3.30	1.10	6.60
5/7/2013 6:00	2.20	3.30	-3.30	1.10	6.60
5/7/2013 6:15	-3.30	1.10	2.30	3.30	0.00
5/7/2013 6:30	2.20	3.30	-3.30	1.20	6.60
5/7/2013 6:45	-3.40	1.20	2.30	3.40	0.00
5/7/2013 7:00	2.30	3.40	-3.40	1.20	6.80
5/7/2013 7:15	-3.40	1.20	2.20	3.50	0.00
5/7/2013 7:30	-3.40	1.20	2.30	3.50	0.00
5/7/2013 7:45	2.30	3.50	-3.40	1.20	6.90
5/7/2013 8:00	2.30	3.50	-3.40	1.20	6.90
5/7/2013 8:15	-3.40	1.20	2.20	3.40	0.00
5/7/2013 8:30	2.30	3.30	-3.40	1.30	6.70
5/7/2013 8:45	2.20	3.40	-3.50	1.30	6.90
5/7/2013 9:00	-3.50	1.40	2.30	3.40	0.00
5/7/2013 9:15	-3.50	1.40	2.30	3.40	0.00
5/7/2013 9:30	-3.50	1.40	2.30	3.40	0.00
5/7/2013 9:45	-3.60	1.40	2.10	3.40	0.00
5/7/2013 10:00	-3.70	1.40	2.20	3.30	0.00
5/7/2013 10:15	-3.70	1.40	2.10	3.30	0.00
5/7/2013 10:30	-3.70	1.40	2.10	3.10	0.00
5/7/2013 10:45	2.20	3.10	-3.80	1.30	6.90
5/7/2013 11:00	-3.90	1.30	2.20	3.10	0.00
5/7/2013 11:15	-3.90	1.30	2.30	2.90	0.00
5/7/2013 11:30	-3.90	1.30	2.30	2.60	0.00
5/7/2013 11:45	-3.90	1.30	2.20	2.60	0.00
5/7/2013 12:00	2.10	2.20	-4.00	1.30	6.20
5/7/2013 12:15	-4.00	1.20	2.10	2.00	0.00
5/7/2013 12:30	-4.00	1.30	2.10	1.70	0.00
5/7/2013 12:45	1.90	3.20	-4.00	1.30	7.20
5/7/2013 13:00	-4.00	1.30	1.90	3.00	0.00
5/7/2013 13:15	1.90	3.20	-3.90	1.30	0.00
5/7/2013 13:30	-3.90	1.20	2.60	3.00	0.00
5/7/2013 13:45	2.60	3.20	-4.00	1.10	7.20
5/7/2013 14:00	2.60	3.10	-4.00	1.00	7.10
5/7/2013 14:15	2.70	3.30	-4.00	1.10	7.30
5/7/2013 14:30	-4.00	1.30	2.70	3.40	0.00
5/7/2013 14:45	-3.80	1.30	2.50	3.10	0.00
5/7/2013 15:00	2.30	2.90	-3.90	1.30	6.80
5/7/2013 15:15	-3.90	1.30	2.50	3.20	0.00
5/7/2013 15:30	-3.80	1.30	2.70	3.40	0.00
5/7/2013 15:45	2.50	3.60	-3.70	1.30	7.30
5/7/2013 16:00	2.50	3.60	-3.60	1.30	7.20
5/7/2013 16:15	-3.60	1.40	2.30	3.60	0.00
5/7/2013 16:30	1.00	3.70	-3.60	1.30	7.30
5/7/2013 16:45	-8.00	3.70	-3.60	1.40	7.30
5/7/2013 17:00	-10.10	3.70	-3.60	1.40	7.30
5/7/2013 17:15	-1.70	3.70	-3.60	1.40	7.30
5/7/2013 17:30	1.80	3.70	-3.60	1.40	7.30
5/7/2013 17:45	3.00	3.70	-3.60	1.50	7.30
5/7/2013 18:00	3.00	3.80	-3.50	1.50	7.30
5/7/2013 18:15	3.10	3.80	-3.50	1.50	7.30
5/7/2013 18:30	3.00	3.80	-3.50	1.50	7.30
5/7/2013 18:45	3.00	3.70	-3.50	1.50	7.20
5/7/2013 19:00	3.10	3.80	-3.50	1.60	7.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/7/2013 19:15	3.00	3.80	-3.40	1.50	7.20
5/7/2013 19:30	3.00	3.80	-3.40	1.50	7.20
5/7/2013 19:45	3.00	3.80	-3.40	1.50	7.20
5/7/2013 20:00	3.10	3.90	-3.40	1.50	7.30
5/7/2013 20:15	3.00	3.80	-3.40	1.50	7.20
5/7/2013 20:30	3.10	3.90	-3.40	1.60	7.30
5/7/2013 20:45	-3.40	1.60	3.10	3.80	0.00
5/7/2013 21:00	-3.30	1.60	3.10	3.90	0.00
5/7/2013 21:15	-3.30	1.50	3.10	3.70	0.00
5/7/2013 21:30	-3.40	1.50	3.00	3.80	0.00
5/7/2013 21:45	3.10	3.80	-3.40	1.50	7.20
5/7/2013 22:00	3.00	3.90	-3.40	1.50	0.00
5/7/2013 22:15	-3.40	1.50	3.10	3.80	0.00
5/7/2013 22:30	3.10	3.90	-3.40	1.50	7.30
5/7/2013 22:45	-3.40	1.50	3.10	3.90	0.00
5/7/2013 23:00	3.20	3.90	-3.40	1.50	7.30
5/7/2013 23:15	-3.40	1.50	3.10	3.90	0.00
5/7/2013 23:30	-3.40	1.50	3.20	3.90	0.00
5/7/2013 23:45	-3.40	1.60	3.10	3.80	0.00
5/8/2013 0:00	3.10	3.80	-3.40	1.50	7.20
5/8/2013 0:15	-3.40	1.50	3.00	4.00	0.00
5/8/2013 0:30	-3.40	1.50	3.00	3.90	0.00
5/8/2013 0:45	-3.40	1.50	3.10	3.90	0.00
5/8/2013 1:00	3.10	3.80	-3.40	1.50	7.20
5/8/2013 1:15	3.10	3.80	-3.40	1.50	7.20
5/8/2013 1:30	3.00	3.80	-3.40	1.50	7.20
5/8/2013 1:45	3.00	3.80	-3.40	1.50	7.20
5/8/2013 2:00	3.00	3.80	-3.40	1.50	7.20
5/8/2013 2:15	-3.40	1.50	2.90	3.80	0.00
5/8/2013 2:30	-3.40	1.50	2.90	3.80	0.00
5/8/2013 2:45	-3.40	1.50	3.10	3.80	0.00
5/8/2013 3:00	3.10	3.90	-3.30	1.50	7.20
5/8/2013 3:15	3.10	3.80	-3.30	1.50	7.10
5/8/2013 3:30	3.10	3.80	-3.30	1.50	7.10
5/8/2013 3:45	3.20	3.90	-3.30	1.50	7.20
5/8/2013 4:00	-3.40	1.50	3.10	3.90	0.00
5/8/2013 4:15	3.00	3.80	-3.40	1.40	7.20
5/8/2013 4:30	3.00	3.80	-3.30	1.40	7.10
5/8/2013 4:45	-3.30	1.40	3.10	3.80	0.00
5/8/2013 5:00	3.10	3.80	-3.40	1.40	7.20
5/8/2013 5:15	3.10	3.80	-3.40	1.40	7.20
5/8/2013 5:30	-3.30	1.40	3.00	3.80	0.00
5/8/2013 5:45	3.10	3.80	-3.40	1.40	7.20
5/8/2013 6:00	3.00	3.80	-3.40	1.40	7.20
5/8/2013 6:15	3.00	3.80	-3.40	1.40	7.20
5/8/2013 6:30	3.20	3.90	-3.40	1.40	7.30
5/8/2013 6:45	-3.40	1.40	3.10	3.80	0.00
5/8/2013 7:00	-3.40	1.40	3.10	3.80	0.00
5/8/2013 7:15	3.00	3.90	-3.40	1.50	0.00
5/8/2013 7:30	-3.40	1.50	3.00	3.70	0.00
5/8/2013 7:45	3.00	3.70	-3.40	1.50	7.10
5/8/2013 8:00	3.00	3.70	-3.50	1.50	7.20
5/8/2013 8:15	-3.40	1.50	3.00	3.80	0.00
5/8/2013 8:30	-3.50	1.50	2.90	3.60	0.00
5/8/2013 8:45	-3.50	1.50	2.90	3.70	0.00
5/8/2013 9:00	-3.50	1.50	2.90	3.70	0.00
5/8/2013 9:15	-3.60	1.50	2.80	3.60	0.00
5/8/2013 9:30	2.90	3.60	-3.70	1.50	7.30
5/8/2013 9:45	-3.80	1.50	2.90	3.50	0.00
5/8/2013 10:00	-3.80	1.40	2.80	3.40	0.00
5/8/2013 10:15	-4.00	1.30	2.60	3.20	0.00
5/8/2013 10:30	2.80	3.10	-4.00	1.30	7.10
5/8/2013 10:45	2.50	2.90	-4.00	1.30	6.90
5/8/2013 11:00	2.60	3.00	-4.00	1.30	7.00
5/8/2013 11:15	-4.10	1.20	2.80	3.10	0.00
5/8/2013 11:30	-4.20	1.20	2.70	3.10	0.00
5/8/2013 11:45	2.80	2.80	-4.20	1.10	7.00
5/8/2013 12:00	2.60	2.70	-4.30	1.10	7.00
5/8/2013 12:15	2.80	3.00	-4.30	1.10	7.30
5/8/2013 12:30	-4.20	1.10	2.80	3.00	0.00
5/8/2013 12:45	-4.30	1.10	2.70	3.10	0.00
5/8/2013 13:00	2.80	3.00	-4.20	1.00	7.20
5/8/2013 13:15	2.70	2.90	-4.20	1.00	7.10
5/8/2013 13:30	2.60	2.80	-4.20	0.80	7.00
5/8/2013 13:45	2.70	2.60	-4.20	0.60	6.90
5/8/2013 14:00	2.60	3.40	-4.20	0.60	7.60
5/8/2013 14:15	2.50	3.40	-4.20	0.80	7.60
5/8/2013 14:30	2.80	3.20	-4.20	1.10	7.40
5/8/2013 14:45	-4.20	1.20	2.90	2.90	0.00
5/8/2013 15:00	2.80	2.70	-4.20	1.20	7.00
5/8/2013 15:15	2.70	2.80	-4.10	1.20	6.90
5/8/2013 15:30	2.70	3.30	-3.90	1.20	7.20
5/8/2013 15:45	2.80	3.40	-3.70	1.30	7.10
5/8/2013 16:00	2.80	3.40	-3.70	1.40	7.10
5/8/2013 16:15	-3.60	1.30	2.70	3.50	0.00
5/8/2013 16:30	2.70	3.60	-3.70	1.30	7.30
5/8/2013 16:45	-6.30	3.50	-3.60	1.20	7.10
5/8/2013 17:00	-10.60	3.60	-3.70	1.10	7.30
5/8/2013 17:15	2.00	3.60	-3.80	1.10	7.40



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4-2-13 to 8-2-13
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/8/2013 17:30	2.50	3.70	-3.70	1.30	7.40
5/8/2013 17:45	2.80	3.70	-3.80	1.40	7.50
5/8/2013 18:00	3.00	3.70	-3.70	1.40	7.40
5/8/2013 18:15	2.90	3.70	-3.50	1.50	7.20
5/8/2013 18:30	3.10	3.80	-3.50	1.50	7.30
5/8/2013 18:45	3.10	3.80	-3.40	1.60	7.20
5/8/2013 19:00	3.10	3.90	-3.40	1.60	7.30
5/8/2013 19:15	3.20	3.80	-3.40	1.60	7.20
5/8/2013 19:30	3.20	3.80	-3.40	1.60	7.20
5/8/2013 19:45	3.10	3.80	-3.40	1.60	7.20
5/8/2013 20:00	-3.40	1.60	3.10	3.90	0.00
5/8/2013 20:15	-3.30	1.60	3.10	3.90	0.00
5/8/2013 20:30	3.10	3.90	-3.30	1.60	7.20
5/8/2013 20:45	-3.30	1.60	3.20	4.00	0.00
5/8/2013 21:00	-3.20	1.60	3.20	3.90	0.00
5/8/2013 21:15	3.20	3.90	-3.30	1.60	7.20
5/8/2013 21:30	-3.30	1.60	3.20	3.90	0.00
5/8/2013 21:45	3.10	3.90	-3.30	1.60	7.20
5/8/2013 22:00	-3.30	1.60	3.20	4.00	0.00
5/8/2013 22:15	-3.30	1.60	3.10	4.00	0.00
5/8/2013 22:30	3.10	3.90	-3.30	1.60	7.20
5/8/2013 22:45	3.20	4.00	-3.30	1.60	0.00
5/8/2013 23:00	-3.30	1.70	3.20	4.00	0.00
5/8/2013 23:15	-3.30	1.70	3.20	3.90	0.00
5/8/2013 23:30	-3.30	1.60	3.30	3.90	0.00
5/8/2013 23:45	3.10	4.00	-3.30	1.60	7.30
5/9/2013 0:00	-3.30	1.70	3.20	4.00	0.00
5/9/2013 0:15	-3.30	1.70	3.20	4.10	0.00
5/9/2013 0:30	3.20	4.00	-3.30	1.60	7.30
5/9/2013 0:45	3.10	4.10	-3.30	1.70	0.00
5/9/2013 1:00	-3.30	1.60	3.10	3.90	0.00
5/9/2013 1:15	3.20	3.80	-3.30	1.60	7.10
5/9/2013 1:30	-3.30	1.60	3.10	4.00	0.00
5/9/2013 1:45	-3.30	1.60	3.20	4.00	0.00
5/9/2013 2:00	-3.30	1.60	3.20	3.90	0.00
5/9/2013 2:15	-3.30	1.60	3.10	4.00	0.00
5/9/2013 2:30	3.20	3.90	-3.30	1.60	7.20
5/9/2013 2:45	3.10	3.80	-3.30	1.60	7.10
5/9/2013 3:00	-3.30	1.60	3.10	4.00	0.00
5/9/2013 3:15	-3.30	1.60	3.10	3.80	0.00
5/9/2013 3:30	3.20	3.90	-3.20	1.60	7.10
5/9/2013 3:45	3.20	3.80	-3.30	1.60	7.10
5/9/2013 4:00	-3.30	1.60	3.10	4.00	0.00
5/9/2013 4:15	-3.30	1.60	3.10	3.80	0.00
5/9/2013 4:30	-3.30	1.60	3.10	3.80	0.00
5/9/2013 4:45	3.20	3.90	-3.30	1.60	7.20
5/9/2013 5:00	-3.30	1.50	3.10	3.90	0.00
5/9/2013 5:15	3.10	3.80	-3.30	1.50	7.10
5/9/2013 5:30	3.30	3.90	-3.30	1.50	7.20
5/9/2013 5:45	3.30	3.90	-3.30	1.50	7.20
5/9/2013 6:00	-3.40	1.50	3.10	3.90	0.00
5/9/2013 6:15	3.10	3.80	-3.40	1.50	7.20
5/9/2013 6:30	-3.40	1.50	3.10	3.90	0.00
5/9/2013 6:45	-3.40	1.50	3.10	3.80	0.00
5/9/2013 7:00	3.00	3.80	-3.40	1.50	7.20
5/9/2013 7:15	3.10	3.80	-3.50	1.50	7.30
5/9/2013 7:30	-3.50	1.50	3.10	3.80	0.00
5/9/2013 7:45	3.10	3.80	-3.50	1.50	7.30
5/9/2013 8:00	3.10	3.80	-3.50	1.50	7.30
5/9/2013 8:15	-3.50	1.50	3.00	3.70	0.00
5/9/2013 8:30	3.10	3.70	-3.60	1.50	7.30
5/9/2013 8:45	-3.60	1.50	3.00	3.70	0.00
5/9/2013 9:00	3.00	3.70	-3.70	1.50	7.40
5/9/2013 9:15	-3.70	1.50	2.90	3.70	0.00
5/9/2013 9:30	2.90	3.70	-3.80	1.40	0.00
5/9/2013 9:45	2.70	3.70	-3.70	1.40	7.40
5/9/2013 10:00	-3.80	1.40	2.90	3.60	0.00
5/9/2013 10:15	-3.80	1.40	2.90	3.70	0.00
5/9/2013 10:30	2.80	3.80	-3.90	1.40	7.70
5/9/2013 10:45	2.80	3.60	-3.90	1.40	7.50
5/9/2013 11:00	-3.40	1.40	2.80	3.60	0.00
5/9/2013 11:15	2.70	3.60	-3.90	1.30	0.00
5/9/2013 11:30	2.90	3.70	-3.90	1.40	7.60
5/9/2013 11:45	2.50	3.70	-3.80	1.40	7.50
5/9/2013 12:00	2.50	3.60	-4.00	1.30	7.60
5/9/2013 12:15	-4.10	1.30	1.90	3.50	0.00
5/9/2013 12:30	-4.10	1.30	1.90	3.50	0.00
5/9/2013 12:45	2.50	3.60	-3.90	1.30	7.50
5/9/2013 13:00	2.20	3.60	-3.90	1.30	7.50
5/9/2013 13:15	2.70	3.70	-4.10	1.30	7.80
5/9/2013 13:30	2.90	3.70	-4.00	1.30	7.70
5/9/2013 13:45	-3.90	1.40	1.50	3.70	0.00
5/9/2013 14:00	1.50	3.50	-3.90	1.30	7.40
5/9/2013 14:15	-4.00	1.30	1.50	3.70	0.00
5/9/2013 14:30	-3.70	1.40	2.80	3.70	0.00
5/9/2013 14:45	2.90	3.80	-3.70	1.50	7.50
5/9/2013 15:00	-3.70	1.50	2.80	3.80	0.00
5/9/2013 15:15	3.10	3.80	-3.70	1.50	7.50
5/9/2013 15:30	3.00	3.90	-3.70	1.50	7.60



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/9/2013 15:45	-3.70	1.50	2.90	3.70	0.00
5/9/2013 16:00	2.90	3.80	-3.70	1.50	7.50
5/9/2013 16:15	3.10	3.90	-3.50	2.20	7.40
5/9/2013 16:30	3.00	4.00	-3.00	1.80	7.00
5/9/2013 16:45	3.40	3.90	-3.20	1.90	7.10
5/9/2013 17:00	3.10	3.80	-3.50	1.80	0.00
5/9/2013 17:15	-3.50	1.70	3.00	5.90	0.00
5/9/2013 17:30	1.50	3.60	-4.00	1.40	7.60
5/9/2013 17:45	-4.70	1.00	1.00	3.70	0.00
5/9/2013 18:00	-0.20	3.50	-4.80	0.90	8.30
5/9/2013 18:15	-5.30	0.40	-0.10	3.40	0.50
5/9/2013 18:30	-5.80	0.30	-0.60	3.50	0.90
5/9/2013 18:45	-1.00	3.50	-5.70	0.30	9.20
5/9/2013 19:00	-1.20	3.50	-5.80	0.20	9.30
5/9/2013 19:15	5.50	0.20	-1.20	3.40	6.70
5/9/2013 19:30	-3.90	0.10	-1.40	3.30	1.50
5/9/2013 19:45	-6.30	0.10	-1.50	4.60	1.60
5/9/2013 20:00	-6.10	0.10	-1.50	3.50	1.60
5/9/2013 20:15	-1.50	3.20	-6.10	0.10	9.30
5/9/2013 20:30	-1.50	3.40	-1.30	0.10	4.70
5/9/2013 20:45	-6.30	0.10	-1.40	3.80	1.50
5/9/2013 21:00	-3.90	0.30	20.40	3.70	0.00
5/9/2013 21:15	-5.00	0.90	-0.80	4.20	1.70
5/9/2013 21:30	-4.00	1.90	-1.60	5.90	3.50
5/9/2013 21:45	-1.10	5.40	-1.30	0.00	0.00
5/9/2013 22:00	-1.70	3.70	-5.80	-0.10	0.00
5/9/2013 22:15	-5.80	-0.10	-1.50	4.50	1.40
5/9/2013 22:30	0.40	4.40	-2.00	0.60	6.40
5/9/2013 22:45	-4.30	-0.10	-0.20	5.30	0.10
5/9/2013 23:00	12.30	0.30	-0.30	5.20	12.60
5/9/2013 23:15	21.60	-0.10	2.70	3.10	18.90
5/9/2013 23:30	1.60	3.60	-5.20	0.00	8.80
5/9/2013 23:45	3.10	3.00	-3.40	36.80	6.50
5/10/2013 0:00	-0.60	3.20	-6.00	0.10	9.20
5/10/2013 0:15	-0.20	3.30	-5.90	-0.10	9.20
5/10/2013 0:30	-0.50	3.20	-5.80	-0.20	9.00
5/10/2013 0:45	-0.60	3.30	-5.80	-0.20	9.10
5/10/2013 1:00	-5.80	-0.20	-0.60	3.40	0.40
5/10/2013 1:15	-0.60	3.40	-5.90	-0.20	9.30
5/10/2013 1:30	-0.80	3.30	-5.80	-0.20	9.10
5/10/2013 1:45	-0.70	3.30	-5.50	-0.20	8.80
5/10/2013 2:00	-1.20	3.50	-5.60	-0.20	9.10
5/10/2013 2:15	-0.90	3.30	-5.50	-0.10	8.80
5/10/2013 2:30	-1.00	3.40	-5.50	-0.10	8.90
5/10/2013 2:45	-1.20	3.40	-5.80	-0.10	9.20
5/10/2013 3:00	-5.80	-0.10	-1.10	3.40	1.00
5/10/2013 3:15	-5.70	0.00	-1.40	3.30	1.40
5/10/2013 3:30	-1.30	3.30	-5.70	0.00	9.00
5/10/2013 3:45	-1.40	3.40	-5.60	0.00	9.00
5/10/2013 4:00	-1.40	3.30	-5.60	0.00	8.90
5/10/2013 4:15	-1.40	3.30	-5.60	0.00	0.00
5/10/2013 4:30	-5.60	0.00	-1.50	3.40	1.50
5/10/2013 4:45	-1.20	3.40	-5.60	0.00	9.00
5/10/2013 5:00	-1.00	3.40	-5.50	0.00	8.90
5/10/2013 5:15	-0.90	3.40	-5.50	0.00	8.90
5/10/2013 5:30	-5.60	0.00	-0.90	3.30	0.90
5/10/2013 5:45	-0.60	3.40	-5.40	0.00	8.80
5/10/2013 6:00	-0.60	3.40	-5.30	0.00	8.70
5/10/2013 6:15	-0.40	3.30	-5.50	0.00	8.80
5/10/2013 6:30	-5.40	0.10	0.10	3.40	0.00
5/10/2013 6:45	-5.30	0.10	-0.20	3.30	0.30
5/10/2013 7:00	0.10	3.30	-5.20	0.10	8.50
5/10/2013 7:15	-5.30	0.10	0.40	3.30	0.00
5/10/2013 7:30	-5.10	0.20	0.90	3.50	0.00
5/10/2013 7:45	0.80	3.40	-4.50	0.30	7.90
5/10/2013 8:00	-4.50	0.20	0.90	3.40	0.00
5/10/2013 8:15	-4.50	0.30	1.00	3.30	0.00
5/10/2013 8:30	1.20	3.40	-4.50	0.30	7.90
5/10/2013 8:45	1.40	3.60	-4.20	0.30	7.80
5/10/2013 9:00	1.60	3.50	-3.80	0.50	7.30
5/10/2013 9:15	-3.70	0.70	1.90	3.50	0.00
5/10/2013 9:30	-3.60	0.90	1.90	3.50	0.00
5/10/2013 9:45	-3.50	0.90	2.00	3.80	0.00
5/10/2013 10:00	2.10	3.60	-3.50	0.90	7.10
5/10/2013 10:15	2.10	3.60	-3.50	0.90	7.10
5/10/2013 10:30	1.90	3.60	-3.60	0.80	7.20
5/10/2013 10:45	2.20	3.60	-3.70	0.90	7.30
5/10/2013 11:00	-3.50	1.00	2.70	3.50	0.00
5/10/2013 11:15	2.70	3.70	-3.40	1.00	7.10
5/10/2013 11:30	2.80	5.00	-3.40	1.10	8.40
5/10/2013 11:45	2.80	4.20	-3.40	1.10	7.60
5/10/2013 12:00	2.80	3.60	-3.30	1.10	6.90
5/10/2013 12:15	-3.30	1.10	3.00	3.70	0.00
5/10/2013 12:30	-3.30	1.10	3.00	4.00	0.00
5/10/2013 12:45	-3.30	1.20	2.90	3.80	0.00
5/10/2013 13:00	3.00	3.80	-3.30	1.20	7.10
5/10/2013 13:15	3.10	3.90	-3.20	1.20	7.10
5/10/2013 13:30	3.10	3.90	-3.30	1.20	7.20
5/10/2013 13:45	-3.20	1.20	3.00	3.90	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/10/2013 14:00	-3.20	1.20	3.10	3.90	0.00
5/10/2013 14:15	3.00	5.40	-3.20	1.20	8.60
5/10/2013 14:30	-3.20	1.20	3.20	12.50	0.00
5/10/2013 14:45	-3.30	1.20	2.90	4.00	0.00
5/10/2013 15:00	-3.30	1.20	3.10	3.90	0.00
5/10/2013 15:15	2.90	4.00	-3.30	1.20	7.30
5/10/2013 15:30	3.10	4.00	-3.20	1.20	7.20
5/10/2013 15:45	3.00	4.00	-3.20	1.20	7.20
5/10/2013 16:00	3.30	4.00	-3.20	1.20	7.20
5/10/2013 16:15	-3.20	1.20	3.00	4.00	0.00
5/10/2013 16:30	-3.20	1.20	3.30	3.90	0.00
5/10/2013 16:45	-3.20	1.20	3.30	3.90	0.00
5/10/2013 17:00	3.30	3.90	-3.20	1.20	7.10
5/10/2013 17:15	2.90	3.90	-3.20	1.30	7.10
5/10/2013 17:30	3.20	3.80	-3.20	1.20	7.00
5/10/2013 17:45	3.00	3.90	-3.20	1.20	7.10
5/10/2013 18:00	-3.20	1.30	3.00	3.80	0.00
5/10/2013 18:15	3.10	3.90	-3.20	1.30	7.10
5/10/2013 18:30	-3.20	1.40	3.10	3.90	0.00
5/10/2013 18:45	2.90	3.80	-3.20	1.40	7.00
5/10/2013 19:00	3.30	3.80	-3.20	1.40	7.00
5/10/2013 19:15	3.20	3.80	-3.20	1.40	7.00
5/10/2013 19:30	-3.20	1.40	3.00	3.80	0.00
5/10/2013 19:45	-3.20	1.40	3.00	3.80	0.00
5/10/2013 20:00	3.20	3.70	-1.40	1.40	5.10
5/10/2013 20:15	1.30	3.70	-3.50	1.40	7.20
5/10/2013 20:30	1.60	3.70	-3.30	1.40	7.00
5/10/2013 20:45	-3.30	1.40	2.30	3.70	0.00
5/10/2013 21:00	2.20	3.60	-3.30	1.40	6.90
5/10/2013 21:15	-3.30	1.40	2.30	3.60	0.00
5/10/2013 21:30	-3.20	1.40	2.30	3.60	0.00
5/10/2013 21:45	2.60	3.60	-3.20	1.40	6.80
5/10/2013 22:00	-3.20	1.40	5.20	2.90	0.00
5/10/2013 22:15	-3.20	1.40	3.90	2.90	0.00
5/10/2013 22:30	-3.20	1.40	2.30	2.90	0.00
5/10/2013 22:45	-3.20	1.40	1.60	2.80	0.00
5/10/2013 23:00	0.70	2.90	-3.20	1.40	6.10
5/10/2013 23:15	0.30	2.90	-3.20	1.40	6.10
5/10/2013 23:30	-3.20	1.50	-0.40	3.00	1.90
5/10/2013 23:45	-3.20	1.50	-0.50	3.10	2.00
5/11/2013 0:00	-0.50	3.00	-3.20	1.50	0.00
5/11/2013 0:15	-0.20	3.10	-3.20	1.50	6.30
5/11/2013 0:30	0.50	3.10	-3.20	1.50	6.30
5/11/2013 0:45	-3.20	1.50	0.50	3.10	1.00
5/11/2013 1:00	-3.20	1.50	0.60	3.00	0.90
5/11/2013 1:15	0.30	3.00	-3.20	1.50	6.20
5/11/2013 1:30	-3.20	1.50	0.30	3.00	1.20
5/11/2013 1:45	-3.20	1.50	0.50	3.00	1.00
5/11/2013 2:00	0.50	3.00	-3.20	1.50	6.20
5/11/2013 2:15	-3.20	1.50	0.70	3.00	0.80
5/11/2013 2:30	-3.30	1.50	0.80	3.00	0.70
5/11/2013 2:45	0.80	3.00	-3.30	1.50	6.30
5/11/2013 3:00	0.60	3.10	-3.30	1.50	6.40
5/11/2013 3:15	0.70	3.00	-3.30	1.50	6.30
5/11/2013 3:30	-3.30	1.50	0.60	3.00	0.90
5/11/2013 3:45	0.60	3.10	-3.40	1.50	6.50
5/11/2013 4:00	0.70	3.20	-3.30	1.50	6.50
5/11/2013 4:15	-3.30	1.50	0.60	3.20	0.90
5/11/2013 4:30	0.30	3.20	-3.40	1.50	6.60
5/11/2013 4:45	0.60	3.30	-3.40	1.50	6.70
5/11/2013 5:00	0.90	3.30	-3.40	1.50	6.70
5/11/2013 5:15	1.00	3.30	-3.40	1.50	6.70
5/11/2013 5:30	-3.40	1.50	1.30	3.30	0.20
5/11/2013 5:45	-3.40	1.50	1.40	3.30	0.10
5/11/2013 6:00	1.60	3.30	-3.40	1.50	6.70
5/11/2013 6:15	-3.40	1.40	2.00	3.30	0.00
5/11/2013 6:30	2.10	3.40	-3.40	1.50	6.80
5/11/2013 6:45	2.30	3.40	-3.40	1.50	6.80
5/11/2013 7:00	-3.40	1.50	2.40	3.40	0.00
5/11/2013 7:15	-3.50	1.50	2.60	3.50	0.00
5/11/2013 7:30	-3.40	1.50	2.70	3.40	0.00
5/11/2013 7:45	-3.50	1.50	3.30	3.50	0.00
5/11/2013 8:00	3.60	3.70	-3.50	1.50	7.20
5/11/2013 8:15	3.60	3.70	-3.50	1.50	7.20
5/11/2013 8:30	3.70	3.70	-3.60	1.50	0.00
5/11/2013 8:45	3.60	3.80	-3.60	1.50	7.40
5/11/2013 9:00	3.60	3.70	-3.60	1.50	7.30
5/11/2013 9:15	3.60	3.70	-3.60	1.50	7.30
5/11/2013 9:30	3.60	3.70	-3.70	1.50	7.40
5/11/2013 9:45	-3.70	1.50	3.60	3.70	0.00
5/11/2013 10:00	3.70	3.80	-3.70	1.50	7.50
5/11/2013 10:15	-3.70	1.50	3.70	3.90	0.00
5/11/2013 10:30	-3.70	1.50	3.50	3.90	0.00
5/11/2013 10:45	3.60	3.90	-3.70	1.40	7.60
5/11/2013 11:00	3.70	3.90	-3.70	1.50	7.60
5/11/2013 11:15	3.60	4.00	-3.70	1.50	7.70
5/11/2013 11:30	-3.50	1.50	3.70	3.90	0.00
5/11/2013 11:45	3.60	4.00	-3.70	1.60	7.70
5/11/2013 12:00	3.70	3.90	-3.70	1.50	7.60



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/11/2013 12:15	3.60	3.80	-3.60	1.50	7.40
5/11/2013 12:30	3.50	3.90	-3.60	1.50	7.50
5/11/2013 12:45	3.50	3.70	-3.70	1.50	7.40
5/11/2013 13:00	3.50	3.90	-3.80	1.40	7.70
5/11/2013 13:15	-3.90	1.30	3.50	3.20	0.00
5/11/2013 13:30	-4.00	1.20	3.20	2.90	0.00
5/11/2013 13:45	3.50	4.00	-4.10	1.40	8.10
5/11/2013 14:00	3.60	4.10	-3.80	1.50	7.90
5/11/2013 14:15	3.60	4.10	-3.90	0.20	8.00
5/11/2013 14:30	-3.90	1.30	3.60	3.50	0.00
5/11/2013 14:45	3.50	4.00	-4.00	1.30	8.00
5/11/2013 15:00	3.60	2.80	-3.90	1.40	7.50
5/11/2013 15:15	-3.70	1.40	3.60	4.10	0.00
5/11/2013 15:30	3.60	4.10	-3.40	1.60	7.50
5/11/2013 15:45	3.80	4.30	-3.30	1.50	7.60
5/11/2013 16:00	3.80	4.20	-3.30	1.60	7.50
5/11/2013 16:15	3.70	4.20	-3.30	1.60	7.50
5/11/2013 16:30	3.70	4.20	-3.30	1.60	7.50
5/11/2013 16:45	-3.30	1.60	-4.60	4.20	6.20
5/11/2013 17:00	3.60	4.30	-3.30	1.60	7.60
5/11/2013 17:15	-3.30	1.60	3.70	4.20	0.00
5/11/2013 17:30	-3.30	1.50	3.80	4.30	0.00
5/11/2013 17:45	2.20	4.20	-3.40	1.60	7.60
5/11/2013 18:00	-3.20	1.60	3.70	4.20	0.00
5/11/2013 18:15	3.80	4.20	-3.20	1.60	7.40
5/11/2013 18:30	3.90	4.30	-3.20	1.60	7.50
5/11/2013 18:45	-3.20	1.60	4.00	4.20	0.00
5/11/2013 19:00	3.90	4.30	-3.20	1.60	7.50
5/11/2013 19:15	3.80	4.30	-3.10	1.60	7.40
5/11/2013 19:30	-3.20	1.60	3.80	4.20	0.00
5/11/2013 19:45	4.00	4.30	-3.20	1.60	7.50
5/11/2013 20:00	3.90	4.20	-3.10	1.60	7.30
5/11/2013 20:15	4.00	4.30	-3.10	1.60	7.40
5/11/2013 20:30	3.90	4.20	-3.10	1.60	7.30
5/11/2013 20:45	-3.00	1.70	3.80	4.30	0.00
5/11/2013 21:00	-3.10	1.70	3.90	4.40	0.00
5/11/2013 21:15	-3.10	1.70	4.00	4.40	0.00
5/11/2013 21:30	-3.10	1.70	4.00	4.30	0.00
5/11/2013 21:45	3.80	4.40	-3.00	1.60	7.40
5/11/2013 22:00	3.90	4.40	-3.10	1.70	7.50
5/11/2013 22:15	4.10	4.30	-3.00	1.70	7.30
5/11/2013 22:30	-3.10	1.70	4.00	4.40	0.00
5/11/2013 22:45	-3.10	1.70	3.90	4.40	0.00
5/11/2013 23:00	3.90	4.30	-3.10	1.70	7.40
5/11/2013 23:15	3.90	4.40	-3.00	1.70	7.40
5/11/2013 23:30	-2.90	1.70	4.00	4.50	0.00
5/11/2013 23:45	-3.00	1.70	3.80	4.40	0.00
5/12/2013 0:00	3.80	4.40	-2.90	1.70	7.30
5/12/2013 0:15	-3.00	1.70	3.80	4.40	0.00
5/12/2013 0:30	-2.90	1.70	4.00	4.40	0.00
5/12/2013 0:45	3.90	4.50	-3.00	1.70	7.50
5/12/2013 1:00	-2.90	1.70	4.00	4.40	0.00
5/12/2013 1:15	-2.90	1.70	3.80	4.50	0.00
5/12/2013 1:30	-2.60	1.70	4.00	4.50	0.00
5/12/2013 1:45	-2.90	1.70	3.90	4.40	0.00
5/12/2013 2:00	4.00	4.40	-2.70	1.70	7.10
5/12/2013 2:15	3.80	4.40	-2.70	1.70	7.10
5/12/2013 2:30	-2.90	1.80	4.00	4.50	0.00
5/12/2013 2:45	-3.00	1.70	4.10	4.40	0.00
5/12/2013 3:00	4.00	4.40	-2.90	1.70	7.30
5/12/2013 3:15	3.70	4.60	-2.80	1.70	7.40
5/12/2013 3:30	-2.90	1.70	3.90	4.50	0.00
5/12/2013 3:45	-2.90	1.70	4.20	4.40	0.00
5/12/2013 4:00	-2.90	1.70	3.80	4.50	0.00
5/12/2013 4:15	-2.80	1.70	4.10	4.50	0.00
5/12/2013 4:30	3.80	4.30	-2.90	1.70	7.20
5/12/2013 4:45	4.00	4.40	-2.80	1.70	7.20
5/12/2013 5:00	-2.90	1.70	4.20	4.50	0.00
5/12/2013 5:15	-2.50	1.70	4.00	4.40	0.00
5/12/2013 5:30	-2.80	1.70	4.10	4.40	0.00
5/12/2013 5:45	-2.80	1.70	3.90	4.50	0.00
5/12/2013 6:00	3.90	4.60	-2.90	1.80	7.50
5/12/2013 6:15	-2.80	1.70	3.90	4.50	0.00
5/12/2013 6:30	-2.70	1.70	3.80	4.40	0.00
5/12/2013 6:45	3.90	4.50	-2.90	1.70	7.40
5/12/2013 7:00	-3.00	1.70	3.80	4.50	0.00
5/12/2013 7:15	3.90	4.40	-3.00	1.70	0.00
5/12/2013 7:30	-2.90	1.70	3.90	4.40	0.00
5/12/2013 7:45	-2.90	1.70	3.90	4.40	0.00
5/12/2013 8:00	4.10	4.40	-2.80	1.70	7.20
5/12/2013 8:15	4.00	4.40	-3.00	1.70	7.40
5/12/2013 8:30	-2.90	1.70	3.80	4.30	0.00
5/12/2013 8:45	-2.70	1.70	3.60	4.30	0.00
5/12/2013 9:00	-3.00	1.70	3.60	4.30	0.00
5/12/2013 9:15	3.70	4.10	-3.10	1.70	7.20
5/12/2013 9:30	3.80	4.20	-3.00	1.70	7.20
5/12/2013 9:45	-3.20	1.60	3.60	4.00	0.00
5/12/2013 10:00	-3.20	1.60	3.60	3.90	0.00
5/12/2013 10:15	-3.50	1.50	3.50	3.80	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/12/2013 10:30	-3.20	1.50	3.60	3.60	0.00
5/12/2013 10:45	-3.40	1.50	3.50	3.30	0.00
5/12/2013 11:00	3.30	2.30	-3.50	1.50	6.80
5/12/2013 11:15	-3.40	1.60	3.50	4.20	0.00
5/12/2013 11:30	3.60	4.10	-3.60	1.50	7.70
5/12/2013 11:45	-3.50	1.50	3.70	3.00	0.00
5/12/2013 12:00	-3.60	1.50	3.60	3.10	0.00
5/12/2013 12:15	3.60	3.20	-3.60	1.40	7.20
5/12/2013 12:30	3.70	2.90	-3.60	1.40	7.30
5/12/2013 12:45	3.30	2.10	-3.60	1.30	6.90
5/12/2013 13:00	3.40	2.40	-3.70	1.30	7.10
5/12/2013 13:15	3.50	2.40	-3.60	1.40	7.10
5/12/2013 13:30	3.60	2.00	-3.50	1.20	7.10
5/12/2013 13:45	3.40	1.80	-3.60	1.20	7.00
5/12/2013 14:00	3.30	4.20	-3.60	1.00	7.80
5/12/2013 14:15	3.70	4.30	-3.60	1.50	7.90
5/12/2013 14:30	3.60	2.60	-3.60	1.40	7.20
5/12/2013 14:45	-3.60	1.40	3.70	4.20	0.00
5/12/2013 15:00	3.70	3.30	-3.60	1.50	7.30
5/12/2013 15:15	-3.60	1.50	3.60	3.00	0.00
5/12/2013 15:30	-3.50	1.50	3.40	3.30	0.00
5/12/2013 15:45	3.60	4.30	-3.30	1.50	7.60
5/12/2013 16:00	-3.20	1.60	3.50	3.40	0.00
5/12/2013 16:15	3.10	4.20	-3.20	1.60	7.40
5/12/2013 16:30	3.10	4.10	-3.20	1.50	7.30
5/12/2013 16:45	-4.00	4.30	-3.30	1.50	7.60
5/12/2013 17:00	-5.20	4.30	-3.20	1.40	7.50
5/12/2013 17:15	3.60	4.30	-3.20	1.60	7.50
5/12/2013 17:30	-3.20	1.60	3.60	4.30	0.00
5/12/2013 17:45	3.70	4.30	-3.00	1.50	7.30
5/12/2013 18:00	3.70	4.40	-3.20	1.60	7.60
5/12/2013 18:15	-3.20	1.60	3.70	4.40	0.00
5/12/2013 18:30	3.80	4.40	-3.10	1.60	7.50
5/12/2013 18:45	3.80	4.40	-3.10	1.70	7.50
5/12/2013 19:00	3.80	4.40	-3.10	1.70	7.50
5/12/2013 19:15	3.90	4.40	-3.10	1.70	7.50
5/12/2013 19:30	3.70	4.40	-3.10	1.70	7.50
5/12/2013 19:45	3.80	4.40	-3.00	1.70	7.40
5/12/2013 20:00	3.90	4.30	-3.10	1.70	0.00
5/12/2013 20:15	3.90	4.40	-3.00	1.70	7.40
5/12/2013 20:30	3.80	4.50	-3.00	1.70	7.50
5/12/2013 20:45	-3.00	1.70	4.00	4.40	0.00
5/12/2013 21:00	3.80	4.40	-3.10	1.70	7.50
5/12/2013 21:15	-3.00	1.70	3.80	4.50	0.00
5/12/2013 21:30	3.80	4.50	-3.10	1.70	7.60
5/12/2013 21:45	3.80	4.40	-3.10	1.70	7.50
5/12/2013 22:00	4.00	4.50	-3.10	1.70	7.60
5/12/2013 22:15	-3.00	1.70	3.80	4.40	0.00
5/12/2013 22:30	3.90	4.50	-3.00	1.70	7.50
5/12/2013 22:45	-3.10	1.70	3.80	4.40	0.00
5/12/2013 23:00	3.90	4.40	-3.10	1.70	7.50
5/12/2013 23:15	3.80	4.40	-3.00	1.70	7.40
5/12/2013 23:30	-3.10	1.70	3.90	4.50	0.00
5/12/2013 23:45	4.00	4.40	-3.00	1.70	7.40
5/13/2013 0:00	3.70	4.40	-3.00	1.70	7.40
5/13/2013 0:15	-3.00	1.70	4.00	4.40	0.00
5/13/2013 0:30	3.80	4.50	-2.30	1.70	0.00
5/13/2013 0:45	4.00	4.40	-3.00	1.70	7.40
5/13/2013 1:00	-3.00	1.70	4.00	4.60	0.00
5/13/2013 1:15	4.00	4.40	-2.60	1.70	7.00
5/13/2013 1:30	4.00	4.60	-2.90	1.70	7.50
5/13/2013 1:45	-3.00	1.70	3.80	4.50	0.00
5/13/2013 2:00	3.90	4.60	-3.00	1.70	7.60
5/13/2013 2:15	3.80	4.60	-2.90	1.70	7.50
5/13/2013 2:30	-3.00	1.70	4.00	4.40	0.00
5/13/2013 2:45	4.20	4.30	-2.90	1.70	7.20
5/13/2013 3:00	-2.90	1.80	3.90	4.40	0.00
5/13/2013 3:15	-3.00	1.70	3.70	4.20	0.00
5/13/2013 3:30	3.60	4.30	-2.70	1.70	7.00
5/13/2013 3:45	-2.90	1.70	3.80	4.20	0.00
5/13/2013 4:00	3.90	4.10	-2.70	1.80	6.80
5/13/2013 4:15	3.70	4.20	-2.90	1.70	7.10
5/13/2013 4:30	-2.80	1.70	3.90	4.30	0.00
5/13/2013 4:45	3.90	4.30	-2.70	1.70	7.00
5/13/2013 5:00	-2.90	1.70	3.80	4.30	0.00
5/13/2013 5:15	-2.90	1.70	3.90	4.30	0.00
5/13/2013 5:30	3.70	4.20	-2.80	1.70	7.00
5/13/2013 5:45	-2.60	1.70	3.90	4.30	0.00
5/13/2013 6:00	-2.80	1.70	3.90	4.20	0.00
5/13/2013 6:15	-2.90	1.70	3.80	4.10	0.00
5/13/2013 6:30	3.80	4.40	-2.80	1.70	7.20
5/13/2013 6:45	-2.90	1.70	3.70	4.30	0.00
5/13/2013 7:00	-2.80	1.70	4.00	4.50	0.00
5/13/2013 7:15	-3.00	1.70	3.90	4.40	0.00
5/13/2013 7:30	-2.90	1.70	3.90	4.40	0.00
5/13/2013 7:45	-2.90	1.70	3.90	4.40	0.00
5/13/2013 8:00	-3.00	1.70	4.00	4.30	0.00
5/13/2013 8:15	4.10	4.30	-2.00	1.70	0.00
5/13/2013 8:30	-3.00	1.70	4.00	4.20	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/13/2013 8:45	-3.10	1.70	3.70	4.10	0.00
5/13/2013 9:00	-3.10	1.60	3.50	4.10	0.00
5/13/2013 9:15	3.50	4.10	-3.30	1.70	7.40
5/13/2013 9:30	-3.20	1.70	3.50	4.10	0.00
5/13/2013 9:45	-3.20	1.60	3.80	4.10	0.00
5/13/2013 10:00	3.40	3.90	-3.50	1.50	7.40
5/13/2013 10:15	-3.60	1.40	3.50	3.50	0.00
5/13/2013 10:30	-3.40	1.40	3.40	3.20	0.00
5/13/2013 10:45	3.40	2.40	-3.70	1.40	7.10
5/13/2013 11:00	-3.70	1.30	3.50	2.10	0.00
5/13/2013 11:15	3.50	1.70	-3.90	1.30	7.40
5/13/2013 11:30	-3.80	1.30	3.40	1.90	0.00
5/13/2013 11:45	-4.00	1.30	3.40	1.90	0.00
5/13/2013 12:00	3.40	2.60	-4.00	1.30	7.40
5/13/2013 12:15	3.40	2.40	-4.00	1.30	7.40
5/13/2013 12:30	3.40	2.50	-3.90	1.30	7.30
5/13/2013 12:45	3.40	2.80	-3.90	1.30	7.30
5/13/2013 13:00	-3.70	1.20	3.40	2.70	0.00
5/13/2013 13:15	3.40	2.60	-3.70	1.20	7.10
5/13/2013 13:30	3.40	2.30	-2.70	1.20	6.10
5/13/2013 13:45	3.40	2.40	-3.30	1.10	6.70
5/13/2013 14:00	3.40	4.10	-3.40	1.10	7.50
5/13/2013 14:15	3.60	4.20	-3.10	1.20	7.30
5/13/2013 14:30	-3.00	1.40	3.40	4.20	0.00
5/13/2013 14:45	-3.50	1.40	3.70	4.20	0.00
5/13/2013 15:00	-3.40	1.50	3.60	4.00	0.00
5/13/2013 15:15	-3.40	1.50	3.50	3.70	0.00
5/13/2013 15:30	3.70	3.60	-3.40	1.50	7.10
5/13/2013 15:45	3.70	3.60	-3.30	1.60	7.00
5/13/2013 16:00	3.70	3.80	-3.00	1.60	6.80
5/13/2013 16:15	3.60	4.10	-3.10	1.50	7.20
5/13/2013 16:30	3.60	4.10	-3.20	1.50	7.30
5/13/2013 16:45	2.80	4.10	-3.20	1.50	7.30
5/13/2013 17:00	-10.10	4.20	-3.40	1.40	7.60
5/13/2013 17:15	-6.80	4.30	-3.20	1.50	7.50
5/13/2013 17:30	-3.30	1.60	-0.30	4.40	1.90
5/13/2013 17:45	-3.30	1.60	1.60	4.30	0.00
5/13/2013 18:00	-3.40	1.60	3.50	4.30	0.00
5/13/2013 18:15	-3.30	1.60	3.70	4.40	0.00
5/13/2013 18:30	3.80	4.30	-3.20	1.60	7.50
5/13/2013 18:45	-3.20	1.70	3.70	4.40	0.00
5/13/2013 19:00	3.80	4.50	-3.20	1.70	7.70
5/13/2013 19:15	3.70	4.50	-3.10	1.70	7.60
5/13/2013 19:30	3.70	4.40	-3.10	1.70	7.50
5/13/2013 19:45	-3.10	1.70	3.80	4.40	0.00
5/13/2013 20:00	3.80	4.30	-3.10	1.70	0.00
5/13/2013 20:15	3.70	4.40	-3.10	1.70	7.50
5/13/2013 20:30	3.80	4.40	-3.10	1.70	7.50
5/13/2013 20:45	-3.20	1.70	3.80	4.40	0.00
5/13/2013 21:00	-3.20	1.70	3.80	4.50	0.00
5/13/2013 21:15	-3.20	1.70	3.80	4.40	0.00
5/13/2013 21:30	3.80	4.40	-3.20	1.70	7.60
5/13/2013 21:45	3.80	4.40	-3.20	1.70	7.60
5/13/2013 22:00	-3.20	1.70	3.80	4.50	0.00
5/13/2013 22:15	3.70	4.40	-3.10	1.70	7.50
5/13/2013 22:30	-3.10	1.70	3.80	4.50	0.00
5/13/2013 22:45	3.70	4.50	-3.20	1.70	7.70
5/13/2013 23:00	3.80	4.40	-3.10	1.60	7.50
5/13/2013 23:15	-3.10	1.60	3.90	4.30	0.00
5/13/2013 23:30	-3.20	1.70	3.90	4.50	0.00
5/13/2013 23:45	-3.20	1.60	3.70	4.50	0.00
5/14/2013 0:00	3.80	4.40	-3.10	1.70	7.50
5/14/2013 0:15	3.80	4.50	-3.20	1.70	7.70
5/14/2013 0:30	-3.10	1.70	3.80	4.40	0.00
5/14/2013 0:45	-3.20	1.70	3.70	4.40	0.00
5/14/2013 1:00	3.90	4.30	-3.10	1.70	7.40
5/14/2013 1:15	-3.10	1.70	3.70	4.40	0.00
5/14/2013 1:30	-3.20	1.70	3.80	4.40	0.00
5/14/2013 1:45	-3.10	1.70	3.70	4.40	0.00
5/14/2013 2:00	-3.10	1.70	3.80	4.50	0.00
5/14/2013 2:15	3.80	4.40	-3.20	1.70	7.60
5/14/2013 2:30	3.70	4.50	-3.20	1.70	7.70
5/14/2013 2:45	-3.10	1.80	3.90	4.50	0.00
5/14/2013 3:00	-3.10	1.70	3.80	4.50	0.00
5/14/2013 3:15	-3.10	1.80	3.90	4.50	0.00
5/14/2013 3:30	-3.20	1.80	3.80	4.50	0.00
5/14/2013 3:45	3.80	4.60	-3.10	1.70	7.70
5/14/2013 4:00	-3.10	1.70	3.80	4.60	0.00
5/14/2013 4:15	3.80	4.60	-3.10	1.80	7.70
5/14/2013 4:30	-3.10	1.80	3.90	4.50	0.00
5/14/2013 4:45	-3.00	1.80	3.70	4.50	0.00
5/14/2013 5:00	-3.00	1.80	3.80	4.50	0.00
5/14/2013 5:15	-3.10	1.80	3.70	4.50	0.00
5/14/2013 5:30	3.90	4.60	-3.00	2.00	7.60
5/14/2013 5:45	-2.80	2.10	3.80	4.50	0.00
5/14/2013 6:00	3.80	4.60	-2.70	1.90	7.30
5/14/2013 6:15	3.80	4.50	-2.90	1.90	7.40
5/14/2013 6:30	-2.60	1.90	3.80	4.70	0.00
5/14/2013 6:45	-2.90	1.90	3.80	4.70	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/14/2013 7:00	-2.90	2.00	3.80	4.50	0.00
5/14/2013 7:15	3.70	4.60	-2.90	2.10	7.50
5/14/2013 7:30	-3.10	1.90	3.80	4.50	0.00
5/14/2013 7:45	-3.10	1.90	3.80	4.50	0.00
5/14/2013 8:00	-3.00	1.90	3.70	4.60	0.00
5/14/2013 8:15	3.70	4.30	-2.90	1.90	7.20
5/14/2013 8:30	-2.70	2.00	3.60	4.40	0.00
5/14/2013 8:45	-2.80	1.90	3.40	4.30	0.00
5/14/2013 9:00	-2.90	1.90	3.60	4.30	0.00
5/14/2013 9:15	3.60	4.30	-3.40	1.80	7.70
5/14/2013 9:30	3.40	4.20	-2.90	1.80	7.10
5/14/2013 9:45	-3.30	1.80	3.30	4.20	0.00
5/14/2013 10:00	-3.60	1.70	3.50	4.00	0.00
5/14/2013 10:15	-3.60	1.60	3.60	3.80	0.00
5/14/2013 10:30	3.40	3.30	-3.80	1.60	7.20
5/14/2013 10:45	3.50	2.70	-3.80	1.50	7.30
5/14/2013 11:00	3.30	2.20	-3.80	1.50	7.10
5/14/2013 11:15	-4.10	1.50	3.20	1.80	0.00
5/14/2013 11:30	3.20	1.70	-4.10	1.40	7.30
5/14/2013 11:45	-4.20	1.30	3.20	1.90	0.00
5/14/2013 12:00	-4.10	1.30	3.10	1.90	0.00
5/14/2013 12:15	-4.50	1.20	3.10	2.00	0.00
5/14/2013 12:30	3.10	1.80	-4.40	1.20	7.50
5/14/2013 12:45	2.90	1.80	-4.30	1.20	7.20
5/14/2013 13:00	2.90	1.70	-4.20	0.90	7.10
5/14/2013 13:15	-4.20	0.60	3.00	1.60	0.00
5/14/2013 13:30	3.10	1.40	-4.60	0.10	7.70
5/14/2013 13:45	2.90	1.50	-4.30	0.00	7.20
5/14/2013 14:00	3.00	3.70	-4.60	-0.10	8.30
5/14/2013 14:15	3.00	3.80	-4.70	0.10	8.50
5/14/2013 14:30	-4.80	0.50	3.10	3.90	0.00
5/14/2013 14:45	3.20	3.90	-4.90	1.00	8.80
5/14/2013 15:00	-4.90	1.20	3.20	3.30	0.00
5/14/2013 15:15	3.10	3.30	-4.90	1.20	8.20
5/14/2013 15:30	-4.70	1.20	3.00	2.90	0.00
5/14/2013 15:45	-4.40	1.20	2.90	2.10	0.00
5/14/2013 16:00	2.90	2.00	-4.20	1.30	7.10
5/14/2013 16:15	2.90	2.70	-4.30	1.20	7.20
5/14/2013 16:30	3.00	2.90	-4.00	1.10	7.00
5/14/2013 16:45	1.70	3.20	-3.90	1.10	7.10
5/14/2013 17:00	-10.80	3.90	-3.80	0.90	7.70
5/14/2013 17:15	-3.80	0.80	1.70	4.10	0.00
5/14/2013 17:30	-8.10	4.20	-3.70	1.40	7.90
5/14/2013 17:45	3.50	4.30	-3.60	1.50	7.90
5/14/2013 18:00	3.50	4.20	-3.50	1.60	7.70
5/14/2013 18:15	-3.10	1.60	3.80	3.80	0.00
5/14/2013 18:30	-3.40	1.70	3.70	4.30	0.00
5/14/2013 18:45	3.70	4.40	-3.40	1.70	7.80
5/14/2013 19:00	3.70	4.40	-3.20	1.70	7.60
5/14/2013 19:15	-3.20	1.70	3.60	4.40	0.00
5/14/2013 19:30	3.70	4.30	-3.50	1.70	7.80
5/14/2013 19:45	3.80	4.30	-3.50	1.80	7.80
5/14/2013 20:00	3.80	4.40	-3.50	1.70	7.90
5/14/2013 20:15	-3.50	1.70	3.70	4.40	0.00
5/14/2013 20:30	-3.40	1.70	3.60	4.40	0.00
5/14/2013 20:45	-3.50	1.80	3.80	4.40	0.00
5/14/2013 21:00	3.60	4.40	-3.50	1.70	7.90
5/14/2013 21:15	3.60	4.40	-3.50	1.70	0.00
5/14/2013 21:30	-3.50	1.70	3.70	4.40	0.00
5/14/2013 21:45	3.80	4.40	-3.50	1.70	7.90
5/14/2013 22:00	-3.60	1.70	3.70	4.40	0.00
5/14/2013 22:15	3.80	4.40	-3.50	1.70	7.90
5/14/2013 22:30	3.60	4.30	-3.50	1.70	7.80
5/14/2013 22:45	3.90	4.30	-3.40	1.70	7.70
5/14/2013 23:00	-3.60	1.70	3.60	4.40	0.00
5/14/2013 23:15	-3.40	1.70	3.90	4.40	0.00
5/14/2013 23:30	3.80	4.40	-3.50	1.70	7.90
5/14/2013 23:45	3.70	4.30	-3.60	1.70	7.90
5/15/2013 0:00	-3.60	1.70	3.50	4.40	0.00
5/15/2013 0:15	3.70	4.40	-3.50	1.80	7.90
5/15/2013 0:30	3.70	4.40	-3.30	1.80	7.70
5/15/2013 0:45	3.80	4.40	-3.50	1.70	7.90
5/15/2013 1:00	-3.40	1.80	3.80	4.50	0.00
5/15/2013 1:15	-3.50	1.80	3.80	4.40	0.00
5/15/2013 1:30	3.80	4.40	-3.40	1.80	7.80
5/15/2013 1:45	3.90	4.40	-3.50	1.80	7.90
5/15/2013 2:00	3.80	4.40	-3.50	1.80	7.90
5/15/2013 2:15	3.80	4.40	-3.50	1.80	7.90
5/15/2013 2:30	-3.30	1.80	3.80	4.50	0.00
5/15/2013 2:45	-3.40	2.20	3.80	4.50	0.00
5/15/2013 3:00	-3.50	1.80	3.90	4.50	0.00
5/15/2013 3:15	-3.50	1.80	3.80	4.50	0.00
5/15/2013 3:30	3.90	4.50	-3.50	1.80	8.00
5/15/2013 3:45	-3.40	1.80	3.90	4.50	0.00
5/15/2013 4:00	-3.40	1.80	3.70	4.60	0.00
5/15/2013 4:15	3.80	4.50	-3.30	1.80	7.80
5/15/2013 4:30	3.80	4.50	-3.40	1.80	7.90
5/15/2013 4:45	-3.50	1.80	3.80	4.40	0.00
5/15/2013 5:00	-3.40	1.70	3.80	12.80	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/15/2013 5:15	1.40	3.80	-5.20	1.30	9.00
5/15/2013 5:30	0.80	3.50	-5.30	0.50	8.80
5/15/2013 5:45	-5.50	0.70	1.70	3.70	0.00
5/15/2013 6:00	-5.00	1.20	2.20	3.80	0.00
5/15/2013 6:15	2.50	4.10	-4.00	1.20	8.10
5/15/2013 6:30	2.40	4.10	-3.50	1.40	7.60
5/15/2013 6:45	-3.50	1.60	2.50	4.00	0.00
5/15/2013 7:00	-3.70	1.70	2.70	4.00	0.00
5/15/2013 7:15	2.60	4.00	-3.60	1.70	7.60
5/15/2013 7:30	-3.60	1.70	2.80	4.00	0.00
5/15/2013 7:45	-3.50	1.70	3.20	4.20	0.00
5/15/2013 8:00	-3.60	1.70	3.50	4.10	0.00
5/15/2013 8:15	-3.60	1.60	3.70	4.20	0.00
5/15/2013 8:30	3.60	4.30	-3.50	1.60	7.80
5/15/2013 8:45	-3.60	1.60	3.60	4.30	0.00
5/15/2013 9:00	-3.60	1.60	3.60	4.30	0.00
5/15/2013 9:15	-3.60	1.60	3.60	4.20	0.00
5/15/2013 9:30	3.70	4.20	-3.20	1.60	7.40
5/15/2013 9:45	-3.50	1.50	3.60	4.10	0.00
5/15/2013 10:00	-3.80	1.50	3.70	3.90	0.00
5/15/2013 10:15	3.60	4.10	-3.80	1.40	7.90
5/15/2013 10:30	3.60	3.50	-4.00	1.40	7.60
5/15/2013 10:45	-4.10	1.30	3.40	2.80	0.00
5/15/2013 11:00	-4.10	1.30	3.40	1.90	0.00
5/15/2013 11:15	3.50	1.90	-4.30	1.20	7.80
5/15/2013 11:30	3.60	2.40	-4.00	1.30	7.60
5/15/2013 11:45	-4.00	1.40	3.60	2.30	0.00
5/15/2013 12:00	-4.10	1.30	3.60	2.70	0.00
5/15/2013 12:15	3.60	3.30	-4.00	1.20	7.60
5/15/2013 12:30	3.60	3.30	-3.90	1.10	7.50
5/15/2013 12:45	3.70	3.80	-3.80	1.30	7.60
5/15/2013 13:00	-3.80	1.30	3.60	3.30	0.00
5/15/2013 13:15	-3.70	1.10	3.60	3.60	0.00
5/15/2013 13:30	3.50	3.00	-3.80	0.70	7.30
5/15/2013 13:45	-3.80	0.30	3.50	2.90	0.00
5/15/2013 14:00	3.40	2.60	-3.90	0.30	7.30
5/15/2013 14:15	-3.80	0.90	3.50	2.80	0.00
5/15/2013 14:30	-4.00	1.20	3.50	3.80	0.00
5/15/2013 14:45	3.60	3.90	-3.80	1.40	7.70
5/15/2013 15:00	-3.70	1.50	3.30	4.00	0.00
5/15/2013 15:15	2.10	4.20	-3.50	1.50	7.70
5/15/2013 15:30	2.40	4.20	-3.20	1.60	7.40
5/15/2013 15:45	-3.30	1.50	3.80	4.20	0.00
5/15/2013 16:00	3.90	4.30	-3.10	1.50	7.40
5/15/2013 16:15	3.70	4.20	-3.30	1.50	7.50
5/15/2013 16:30	-3.20	1.50	2.80	4.00	0.00
5/15/2013 16:45	-3.20	1.60	-8.40	4.20	10.00
5/15/2013 17:00	-2.90	1.60	3.80	4.30	0.00
5/15/2013 17:15	-3.30	1.60	-8.90	4.40	10.50
5/15/2013 17:30	-6.30	4.30	-3.20	1.70	7.50
5/15/2013 17:45	-3.00	4.30	-3.20	1.70	7.50
5/15/2013 18:00	-3.20	1.70	3.50	4.40	0.00
5/15/2013 18:15	-3.30	1.70	3.90	4.30	0.00
5/15/2013 18:30	3.60	4.40	-3.10	1.70	7.50
5/15/2013 18:45	4.00	4.40	-3.00	1.80	7.40
5/15/2013 19:00	3.80	4.40	-3.10	1.80	7.50
5/15/2013 19:15	-3.10	1.80	3.90	4.40	0.00
5/15/2013 19:30	4.00	4.40	-2.90	1.80	7.30
5/15/2013 19:45	-3.10	1.80	3.50	4.30	0.00
5/15/2013 20:00	3.90	4.40	-3.00	1.80	7.40
5/15/2013 20:15	3.90	4.40	-3.10	1.90	7.50
5/15/2013 20:30	3.90	4.40	-2.30	1.90	6.70
5/15/2013 20:45	3.90	4.50	-2.90	1.90	7.40
5/15/2013 21:00	-3.00	1.90	3.80	4.40	0.00
5/15/2013 21:15	-3.00	1.90	3.80	4.40	0.00
5/15/2013 21:30	-3.00	2.40	3.70	4.40	0.00
5/15/2013 21:45	3.50	4.30	-3.20	1.90	7.50
5/15/2013 22:00	3.30	4.20	-3.00	1.90	7.20
5/15/2013 22:15	3.40	4.30	-3.20	1.90	7.50
5/15/2013 22:30	3.30	4.20	-3.20	1.90	7.40
5/15/2013 22:45	3.10	4.00	-3.10	1.90	7.10
5/15/2013 23:00	3.30	4.20	-3.20	1.90	7.40
5/15/2013 23:15	3.20	4.20	-3.20	1.90	7.40
5/15/2013 23:30	3.30	4.10	-3.20	1.90	7.30
5/15/2013 23:45	3.20	4.10	-3.30	1.80	7.40
5/16/2013 0:00	3.10	4.10	-3.20	1.80	7.30
5/16/2013 0:15	3.10	4.10	-3.10	1.90	7.20
5/16/2013 0:30	3.00	3.90	-3.10	1.90	7.00
5/16/2013 0:45	2.90	3.90	-3.10	1.90	7.00
5/16/2013 1:00	2.70	3.90	-3.10	2.00	7.00
5/16/2013 1:15	2.60	3.80	-3.10	1.90	6.90
5/16/2013 1:30	2.80	3.90	-3.20	1.90	7.10
5/16/2013 1:45	3.00	3.80	-3.20	2.00	7.00
5/16/2013 2:00	2.90	3.90	-3.10	2.00	7.00
5/16/2013 2:15	2.50	7.10	-3.10	2.00	10.20
5/16/2013 2:30	0.10	4.10	2.30	8.80	1.80
5/16/2013 2:45	2.50	6.50	-0.30	3.30	6.80
5/16/2013 3:00	1.60	6.50	-1.00	2.90	7.50
5/16/2013 3:15	2.30	6.90	-1.20	3.00	8.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/16/2013 3:30	1.60	6.30	-1.10	2.90	7.40
5/16/2013 3:45	-0.20	2.90	1.40	12.60	1.50
5/16/2013 4:00	3.80	5.50	-1.10	2.70	6.60
5/16/2013 4:15	4.70	5.10	-2.20	2.50	7.30
5/16/2013 4:30	3.60	5.40	-2.20	2.50	7.60
5/16/2013 4:45	3.20	5.40	-2.20	2.50	7.60
5/16/2013 5:00	3.20	6.50	-1.60	2.60	8.10
5/16/2013 5:15	3.30	23.40	-1.20	2.60	24.60
5/16/2013 5:30	-1.70	2.50	24.70	29.60	0.00
5/16/2013 5:45	8.30	25.90	-2.40	2.40	28.30
5/16/2013 6:00	0.90	44.00	-1.80	2.60	45.80
5/16/2013 6:15	1.90	32.30	1.30	2.50	31.00
5/16/2013 6:30	0.30	8.20	-0.40	2.90	8.60
5/16/2013 6:45	0.60	4.60	4.20	23.90	0.40
5/16/2013 7:00	3.80	33.40	-0.70	3.30	34.10
5/16/2013 7:15	10.40	26.30	-1.50	3.40	27.80
5/16/2013 7:30	2.30	24.20	-0.90	3.40	25.10
5/16/2013 7:45	1.60	9.20	0.00	3.80	9.20
5/16/2013 8:00	1.40	6.30	-0.20	3.70	6.50
5/16/2013 8:15	3.40	7.90	-0.40	3.70	8.30
5/16/2013 8:30	2.20	18.00	-1.30	3.60	19.30
5/16/2013 8:45	-1.20	3.50	6.00	24.90	0.00
5/16/2013 9:00	29.70	28.90	-1.30	3.00	31.00
5/16/2013 9:15	7.40	29.70	-0.50	3.10	30.20
5/16/2013 9:30	5.50	15.70	-0.60	3.00	16.30
5/16/2013 9:45	0.30	3.00	5.20	15.30	0.00
5/16/2013 10:00	0.10	2.90	4.70	15.20	0.00
5/16/2013 10:15	0.40	2.80	6.30	53.80	0.00
5/16/2013 10:30	1.10	2.60	6.10	39.10	0.00
5/16/2013 10:45	6.50	19.90	0.00	2.80	19.90
5/16/2013 11:00	3.40	10.90	0.50	2.80	10.40
5/16/2013 11:15	18.50	21.30	3.80	2.90	18.40
5/16/2013 11:30	14.40	19.30	-0.40	2.90	19.70
5/16/2013 11:45	14.10	23.70	0.40	2.90	23.30
5/16/2013 12:00	11.00	17.10	2.30	3.10	14.80
5/16/2013 12:15	2.30	3.10	11.10	12.20	0.00
5/16/2013 12:30	9.90	23.30	2.10	2.90	21.20
5/16/2013 12:45	9.30	38.60	-1.40	2.70	40.00
5/16/2013 13:00	5.90	53.60	-2.00	2.80	55.60
5/16/2013 13:15	9.10	17.40	-1.50	2.90	18.90
5/16/2013 13:30	8.70	50.20	1.60	2.80	48.60
5/16/2013 13:45	14.60	56.30	4.20	3.10	53.20
5/16/2013 14:00	14.70	41.20	4.30	2.90	38.30
5/16/2013 14:15	6.20	2.90	12.80	20.30	0.00
5/16/2013 14:30	35.00	9.10	9.20	3.40	31.60
5/16/2013 14:45	12.80	25.50	11.90	3.30	22.20
5/16/2013 15:00	15.40	17.90	4.00	3.20	14.70
5/16/2013 15:15	9.30	16.70	7.80	3.00	13.70
5/16/2013 15:30	8.30	36.30	6.50	2.80	33.50
5/16/2013 15:45	1.60	2.80	10.30	65.40	0.00
5/16/2013 16:00	7.70	8.10	3.10	2.80	5.30
5/16/2013 16:15	8.30	15.10	3.10	2.80	12.30
5/16/2013 16:30	3.10	3.00	0.80	7.10	2.30
5/16/2013 16:45	0.60	2.90	2.40	11.60	0.50
5/16/2013 17:00	24.90	40.50	0.40	2.70	40.10
5/16/2013 17:15	1.60	11.70	7.00	2.90	8.80
5/16/2013 17:30	1.50	8.10	2.20	2.60	5.90
5/16/2013 17:45	1.90	10.50	8.30	3.60	6.90
5/16/2013 18:00	1.80	15.00	7.60	3.50	11.50
5/16/2013 18:15	3.00	95.60	8.80	4.20	91.40
5/16/2013 18:30	8.50	6.00	1.00	63.30	7.50
5/16/2013 18:45	1.30	14.60	7.50	4.20	10.40
5/16/2013 19:00	1.60	15.90	4.40	3.20	12.70
5/16/2013 19:15	0.80	7.20	4.30	3.50	3.70
5/16/2013 19:30	1.70	10.80	3.10	3.10	7.70
5/16/2013 19:45	1.80	10.40	2.40	3.40	8.00
5/16/2013 20:00	0.90	6.70	2.30	3.50	4.40
5/16/2013 20:15	1.40	6.90	2.60	3.20	4.30
5/16/2013 20:30	1.20	7.80	5.40	3.60	4.20
5/16/2013 20:45	1.00	6.80	4.00	3.50	3.30
5/16/2013 21:00	1.60	7.20	6.60	3.50	3.70
5/16/2013 21:15	1.20	6.70	5.50	3.30	3.40
5/16/2013 21:30	8.10	30.60	2.80	3.20	27.80
5/16/2013 21:45	2.70	9.70	3.00	2.90	6.80
5/16/2013 22:00	0.50	10.50	3.60	2.90	7.60
5/16/2013 22:15	1.10	12.60	3.30	2.80	9.80
5/16/2013 22:30	1.50	8.70	2.30	3.40	6.40
5/16/2013 22:45	1.50	21.50	0.20	3.20	21.30
5/16/2013 23:00	1.40	16.80	-0.70	3.20	17.50
5/16/2013 23:15	2.00	20.60	0.20	2.60	20.40
5/16/2013 23:30	1.60	7.60	0.00	3.10	7.60
5/16/2013 23:45	1.40	18.40	-1.10	3.10	19.50
5/17/2013 0:00	3.00	9.20	-0.10	3.10	9.30
5/17/2013 0:15	1.30	7.10	-0.20	2.60	7.30
5/17/2013 0:30	0.80	13.40	-0.40	2.50	13.80
5/17/2013 0:45	-0.70	2.70	1.70	9.40	1.00
5/17/2013 1:00	0.10	2.30	1.60	10.00	0.70
5/17/2013 1:15	1.20	9.90	-0.40	2.30	10.30
5/17/2013 1:30	1.20	10.50	-1.20	2.40	11.70



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/17/2013 1:45	1.50	15.90	-2.00	2.70	17.90
5/17/2013 2:00	1.10	13.00	-0.90	2.40	13.90
5/17/2013 2:15	1.80	12.20	-0.70	2.20	12.90
5/17/2013 2:30	2.50	17.20	-0.60	2.60	17.80
5/17/2013 2:45	5.90	15.50	1.80	2.20	13.70
5/17/2013 3:15	3.40	27.10	-0.70	2.30	27.80
5/17/2013 3:30	1.10	31.70	-1.10	2.10	32.80
5/17/2013 3:45	3.90	14.60	-1.40	1.90	16.00
5/17/2013 4:00	3.30	12.50	-1.50	2.00	14.00
5/17/2013 4:15	-1.40	2.10	1.40	7.70	0.70
5/17/2013 4:30	-1.40	2.00	3.50	10.50	0.00
5/17/2013 4:45	-1.40	1.90	8.30	15.90	0.00
5/17/2013 5:00	-1.10	2.10	12.20	29.20	0.00
5/17/2013 5:15	-2.20	2.30	2.20	26.40	0.10
5/17/2013 5:30	-1.50	2.10	8.70	14.10	0.00
5/17/2013 5:45	-1.10	2.00	6.80	26.50	0.00
5/17/2013 6:00	-1.10	2.00	3.40	16.90	0.00
5/17/2013 6:15	-1.50	2.00	3.90	16.20	0.00
5/17/2013 6:30	8.10	14.10	0.00	2.00	14.10
5/17/2013 6:45	-1.40	1.70	2.30	12.20	0.00
5/17/2013 7:00	-1.20	1.90	1.50	9.10	0.40
5/17/2013 7:15	-1.50	2.10	1.30	7.00	0.80
5/17/2013 7:30	-2.10	2.10	0.90	9.00	1.20
5/17/2013 7:45	-1.80	2.00	5.90	7.20	0.00
5/17/2013 8:00	-2.60	1.90	1.10	11.30	0.80
5/17/2013 8:15	-1.90	1.90	2.00	9.20	0.00
5/17/2013 8:30	-1.10	2.10	1.00	5.60	1.10
5/17/2013 8:45	-2.50	1.80	2.00	8.20	0.00
5/17/2013 9:00	-3.40	2.10	5.60	7.30	0.00
5/17/2013 9:15	-2.10	2.00	1.00	7.40	1.00
5/17/2013 9:30	-2.70	2.00	1.40	7.00	0.60
5/17/2013 9:45	-3.00	1.90	4.20	5.20	0.00
5/17/2013 10:00	-2.90	1.80	3.50	5.00	0.00
5/17/2013 10:15	-2.80	1.60	0.50	7.10	1.10
5/17/2013 10:30	-3.20	1.50	0.80	6.40	0.70
5/17/2013 10:45	-2.40	1.60	0.40	6.60	1.20
5/17/2013 11:00	-3.10	1.90	0.10	7.40	1.80
5/17/2013 11:15	-3.00	1.90	0.70	6.50	1.20
5/17/2013 11:30	-2.20	2.00	1.80	8.60	0.20
5/17/2013 11:45	-2.00	1.90	3.30	12.30	0.00
5/17/2013 12:00	-2.00	1.90	4.30	6.50	0.00
5/17/2013 12:15	1.70	1.90	3.90	5.30	0.00
5/17/2013 12:30	1.80	1.80	2.50	4.90	0.00
5/17/2013 12:45	2.10	1.70	3.40	5.20	0.00
5/17/2013 13:00	0.20	2.40	2.10	4.90	0.30
5/17/2013 13:15	2.00	2.60	1.60	5.80	1.00
5/17/2013 13:30	3.80	2.90	1.10	7.40	2.70
5/17/2013 13:45	0.30	2.80	0.50	5.20	2.30
5/17/2013 14:00	6.60	3.40	-0.10	6.60	6.70
5/17/2013 14:15	-0.10	10.50	10.00	3.90	6.60
5/17/2013 14:30	5.10	4.00	1.70	9.60	3.40
5/17/2013 14:45	6.10	3.70	1.80	8.60	4.30
5/17/2013 15:00	2.70	18.10	9.40	4.70	13.40
5/17/2013 15:15	18.80	8.10	2.50	23.80	16.30
5/17/2013 15:30	3.00	20.50	43.10	7.80	12.70
5/17/2013 15:45	2.10	19.70	10.10	6.80	12.90
5/17/2013 16:00	13.60	10.80	2.40	16.10	11.20
5/17/2013 16:15	22.00	27.60	1.50	16.70	26.10
5/17/2013 16:30	19.90	32.20	4.50	12.50	27.70
5/17/2013 16:45	3.00	34.90	19.50	32.30	15.40
5/17/2013 17:00	16.90	19.00	1.60	18.40	17.40
5/17/2013 17:15	17.40	27.30	3.70	18.40	23.60
5/17/2013 17:30	14.60	39.40	2.50	12.60	36.90
5/17/2013 17:45	2.30	19.30	10.30	44.50	9.00
5/17/2013 18:00	2.10	9.50	9.60	43.90	0.00
5/17/2013 18:15	2.30	15.90	19.60	41.30	0.00
5/17/2013 18:30	17.40	40.10	2.70	12.30	37.40
5/17/2013 18:45	2.00	23.60	26.30	45.80	0.00
5/17/2013 19:00	1.10	10.80	16.50	44.80	0.00
5/17/2013 19:15	0.70	10.30	8.30	41.60	2.00
5/17/2013 19:30	18.80	30.50	1.00	13.10	29.50
5/17/2013 19:45	7.00	28.40	1.40	10.70	27.00
5/17/2013 20:00	0.70	31.90	1.00	17.40	30.90
5/17/2013 20:15	-2.10	25.50	1.00	7.90	24.50
5/17/2013 20:30	-1.40	17.00	0.60	6.80	16.40
5/17/2013 20:45	-0.40	12.50	0.70	11.50	11.80
5/17/2013 21:00	4.70	17.90	0.40	14.90	17.50
5/17/2013 21:15	2.20	9.90	-2.30	18.20	12.20
5/17/2013 21:30	0.70	9.30	-3.00	16.40	12.30
5/17/2013 21:45	-2.90	13.50	1.10	16.70	12.40
5/17/2013 22:00	-3.10	13.70	3.40	13.50	10.30
5/17/2013 22:15	-3.00	17.00	3.90	12.10	13.10
5/17/2013 22:30	-3.30	47.90	3.00	9.90	44.90
5/17/2013 22:45	-2.80	45.00	3.60	9.20	41.40
5/17/2013 23:00	-2.60	22.80	3.20	10.00	19.60
5/17/2013 23:15	9.30	21.30	1.40	13.50	19.90
5/17/2013 23:30	17.90	23.30	0.70	12.30	22.60
5/17/2013 23:45	13.40	22.80	10.00	10.40	12.80
5/18/2013 0:00	21.40	21.70	11.90	11.20	10.50



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5/18/2013 0:15	16.20	17.90	3.30	9.30	14.60
5/18/2013 0:30	3.10	13.40	10.70	10.80	2.70
5/18/2013 0:45	3.00	4.70	4.90	11.10	0.00
5/18/2013 1:00	-1.50	4.50	7.50	11.70	0.00
5/18/2013 1:15	-1.50	5.80	0.90	8.00	4.90
5/18/2013 1:30	1.90	7.10	-1.20	9.00	8.30
5/18/2013 1:45	-0.50	7.00	1.90	10.80	5.10
5/18/2013 2:00	15.50	20.00	-0.60	7.20	20.60
5/18/2013 2:15	14.10	17.20	-0.60	7.30	17.80
5/18/2013 2:30	13.80	27.00	-0.10	11.40	27.10
5/18/2013 2:45	8.90	23.00	-0.30	11.10	23.30
5/18/2013 3:00	1.10	10.40	27.50	25.00	0.00
5/18/2013 3:15	0.70	8.30	14.80	19.50	0.00
5/18/2013 3:30	1.00	9.20	10.40	19.60	0.00
5/18/2013 3:45	1.40	8.40	11.20	13.80	0.00
5/18/2013 4:00	-1.20	2.00	7.30	13.90	0.00
5/18/2013 4:15	0.00	2.10	7.00	14.30	0.00
5/18/2013 4:30	-0.90	2.50	6.30	13.40	0.00
5/18/2013 4:45	-0.30	3.50	6.30	13.10	0.00
5/18/2013 5:00	-0.40	4.30	14.80	11.20	0.00
5/18/2013 5:15	-0.30	4.50	6.30	17.30	0.00
5/18/2013 5:30	0.60	4.00	7.40	24.80	0.00
5/18/2013 5:45	0.50	3.90	19.10	19.90	0.00
5/18/2013 6:00	1.60	4.00	9.90	24.20	0.00
5/18/2013 6:15	4.90	5.00	10.20	21.90	0.00
5/18/2013 6:30	6.80	4.80	13.70	17.20	0.00
5/18/2013 6:45	1.90	5.60	14.50	12.90	0.00
5/18/2013 7:00	5.30	6.10	11.60	18.20	0.00
5/18/2013 7:15	4.40	4.90	2.90	12.20	2.00
5/18/2013 7:30	7.10	8.60	3.80	6.00	4.80
5/18/2013 7:45	3.20	4.80	6.10	8.60	0.00
5/18/2013 8:00	1.70	9.70	1.80	3.90	7.90
5/18/2013 8:15	-0.60	3.80	2.00	10.30	1.80
5/18/2013 8:30	-2.10	4.40	2.50	8.50	1.90
5/18/2013 8:45	-2.20	5.40	2.20	7.00	3.20
5/18/2013 9:00	-2.90	4.40	0.50	8.30	3.90
5/18/2013 9:15	0.30	8.30	-1.90	3.50	10.20
5/18/2013 9:30	-2.00	3.90	3.10	7.70	0.80
5/18/2013 9:45	-1.70	4.00	3.00	7.50	1.00
5/18/2013 10:00	-1.60	3.70	2.90	6.90	0.80
5/18/2013 10:15	-1.90	3.40	1.90	6.80	1.50
5/18/2013 10:30	0.90	7.50	-1.90	3.00	9.40
5/18/2013 10:45	-2.70	2.90	0.60	6.20	2.30
5/18/2013 11:00	-2.70	3.20	-0.20	7.40	3.40
5/18/2013 11:15	-2.30	2.90	2.30	6.20	0.60
5/18/2013 11:30	-2.90	2.70	0.30	8.90	2.40
5/18/2013 11:45	-0.80	2.70	7.10	8.90	0.00
5/18/2013 12:00	0.30	2.60	1.70	6.60	0.90
5/18/2013 12:15	-1.40	2.50	3.50	7.50	0.00
5/18/2013 12:30	-2.20	2.70	1.90	6.70	0.80
5/18/2013 12:45	-2.50	2.90	6.00	8.30	0.00
5/18/2013 13:00	-2.60	2.90	0.50	7.20	2.40
5/18/2013 13:15	-0.30	6.70	-0.20	2.70	6.90
5/18/2013 13:30	0.00	2.60	0.30	5.40	2.30
5/18/2013 13:45	2.90	2.30	-0.80	6.30	3.70
5/18/2013 14:00	2.20	2.30	4.40	8.70	0.00
5/18/2013 14:15	2.60	2.10	-0.60	6.00	3.20
5/18/2013 14:30	1.50	2.20	-1.10	5.90	3.30
5/18/2013 14:45	-1.70	2.20	6.80	12.20	0.00
5/18/2013 15:00	-1.10	2.30	19.30	47.90	0.00
5/18/2013 15:15	16.10	2.60	10.00	21.30	6.10
5/18/2013 15:30	11.90	2.20	6.10	41.80	5.80
5/18/2013 15:45	9.80	2.90	5.60	10.90	4.20
5/18/2013 16:00	4.80	2.00	7.50	9.60	0.00
5/18/2013 16:15	16.30	10.20	7.40	7.60	8.90
5/18/2013 16:30	5.10	30.90	5.70	6.80	25.20
5/18/2013 16:45	7.60	12.60	9.60	11.60	3.00
5/18/2013 17:00	6.00	4.30	9.80	15.00	0.00
5/18/2013 17:15	9.40	17.40	6.40	6.10	11.30
5/18/2013 17:30	9.70	9.30	8.20	16.90	1.50
5/18/2013 17:45	8.00	19.70	5.80	6.60	13.90
5/18/2013 18:00	3.50	4.90	8.00	16.50	0.00
5/18/2013 18:15	2.30	5.80	8.00	17.10	0.00
5/18/2013 18:30	5.20	5.90	7.60	19.70	0.00
5/18/2013 18:45	5.70	5.70	7.30	20.10	0.00
5/18/2013 19:00	4.40	3.60	8.60	18.50	0.00
5/18/2013 19:15	6.20	3.30	11.70	14.90	0.00
5/18/2013 19:30	11.60	2.80	10.60	18.60	1.00
5/18/2013 19:45	5.40	17.60	13.40	2.80	14.80
5/18/2013 20:00	8.30	2.60	5.30	15.30	3.00
5/18/2013 20:15	3.40	11.30	8.90	2.30	9.00
5/18/2013 20:30	4.40	2.30	6.40	8.20	0.00
5/18/2013 20:45	1.20	2.00	5.50	7.30	0.00
5/18/2013 21:00	-1.60	1.80	2.30	5.50	0.00
5/18/2013 21:15	3.70	6.40	-1.50	1.70	7.90
5/18/2013 21:30	4.20	7.70	2.40	1.50	6.20
5/18/2013 21:45	-2.50	1.50	6.30	10.00	0.00
5/18/2013 22:00	5.00	1.60	5.80	6.20	0.00
5/18/2013 22:15	5.40	1.70	7.20	7.10	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/18/2013 22:30	2.80	1.70	9.60	10.80	0.00
5/18/2013 22:45	-1.10	1.80	10.00	6.40	0.00
5/18/2013 23:00	0.00	1.60	9.20	6.00	0.00
5/18/2013 23:15	1.00	1.60	5.00	5.40	0.00
5/18/2013 23:30	-1.30	1.50	4.70	7.10	0.00
5/18/2013 23:45	-2.40	1.40	4.10	5.20	0.00
5/19/2013 0:00	-2.70	1.30	4.10	4.40	0.00
5/19/2013 0:15	-2.20	1.30	1.60	4.50	0.00
5/19/2013 0:30	8.60	5.00	-1.30	1.50	9.90
5/19/2013 0:45	-2.30	1.30	15.10	4.30	0.00
5/19/2013 1:00	-2.70	1.30	5.60	5.10	0.00
5/19/2013 1:15	13.80	4.60	-3.90	1.50	17.70
5/19/2013 1:30	7.60	4.50	-2.80	1.40	10.40
5/19/2013 1:45	-2.00	1.60	2.70	4.90	0.00
5/19/2013 2:00	-2.00	1.60	6.20	4.40	0.00
5/19/2013 2:15	-1.60	1.50	4.70	4.90	0.00
5/19/2013 2:30	7.10	1.50	6.40	10.90	0.70
5/19/2013 2:45	-1.30	1.40	7.70	5.70	0.00
5/19/2013 3:15	-2.20	1.40	10.00	4.90	0.00
5/19/2013 3:30	-2.20	1.70	8.60	5.10	0.00
5/19/2013 3:45	-2.90	1.30	4.80	6.10	0.00
5/19/2013 4:00	-3.70	1.20	23.10	5.40	0.00
5/19/2013 4:15	-3.10	1.30	13.40	4.10	0.00
5/19/2013 4:30	-3.30	1.20	9.80	6.00	0.00
5/19/2013 4:45	-3.80	1.30	16.10	8.60	0.00
5/19/2013 5:00	-4.60	1.20	8.50	8.80	0.00
5/19/2013 5:15	-4.60	1.30	6.90	6.50	0.00
5/19/2013 5:30	10.70	8.60	-4.60	1.30	15.30
5/19/2013 5:45	-4.20	1.20	2.50	3.60	0.00
5/19/2013 6:00	-4.40	1.20	7.50	8.50	0.00
5/19/2013 6:15	-4.80	1.10	5.40	4.90	0.00
5/19/2013 6:30	-3.20	1.20	4.00	11.50	0.00
5/19/2013 6:45	-2.10	1.20	6.80	10.30	0.00
5/19/2013 7:00	-3.20	1.20	8.10	11.90	0.00
5/19/2013 7:15	-3.80	1.20	7.30	7.70	0.00
5/19/2013 7:30	-3.60	2.00	5.60	6.90	0.00
5/19/2013 7:45	-3.90	1.60	5.50	6.40	0.00
5/19/2013 8:00	-3.60	1.60	4.60	5.70	0.00
5/19/2013 8:15	-4.00	1.30	1.00	5.50	0.30
5/19/2013 8:30	-4.40	1.10	-0.10	4.40	1.20
5/19/2013 8:45	-2.70	1.00	3.20	4.20	0.00
5/19/2013 9:00	-2.80	1.00	0.50	3.80	0.50
5/19/2013 9:15	-3.50	0.90	2.30	3.90	0.00
5/19/2013 9:30	-4.30	0.90	-0.90	4.20	1.80
5/19/2013 9:45	2.30	6.90	-0.70	4.60	7.60
5/19/2013 10:00	-1.20	4.40	6.30	7.30	0.00
5/19/2013 10:15	-1.90	4.00	11.80	5.20	0.00
5/19/2013 10:30	-1.40	3.60	4.30	1.30	2.30
5/19/2013 10:45	-0.60	1.20	-0.70	3.50	1.90
5/19/2013 11:00	-2.10	1.20	6.40	4.10	0.00
5/19/2013 11:15	-2.80	1.40	19.30	4.40	0.00
5/19/2013 11:30	-2.90	1.50	9.20	4.60	0.00
5/19/2013 11:45	0.10	2.10	2.40	5.00	0.00
5/19/2013 12:00	-2.60	1.60	1.40	5.10	0.20
5/19/2013 12:15	-2.10	1.60	5.80	7.20	0.00
5/19/2013 12:30	-2.50	2.00	2.00	6.60	0.00
5/19/2013 12:45	-3.20	2.90	3.00	5.90	0.00
5/19/2013 13:00	4.10	4.50	-3.00	2.70	7.50
5/19/2013 13:15	-3.50	2.10	-0.90	4.60	3.00
5/19/2013 13:30	-0.70	2.70	4.20	4.10	0.00
5/19/2013 13:45	11.60	5.50	2.70	2.40	9.20
5/19/2013 14:00	6.40	2.00	6.20	9.60	0.20
5/19/2013 14:15	5.00	6.40	2.60	1.70	4.70
5/19/2013 14:30	-0.40	1.40	4.50	7.20	0.00
5/19/2013 14:45	0.00	1.60	6.10	6.80	0.00
5/19/2013 15:00	-0.30	2.10	7.70	6.10	0.00
5/19/2013 15:15	3.50	2.30	5.20	6.50	0.00
5/19/2013 15:30	3.70	3.00	3.30	5.50	0.40
5/19/2013 15:45	8.60	6.80	3.90	3.00	5.60
5/19/2013 16:00	10.40	2.70	4.30	6.80	6.10
5/19/2013 16:15	9.90	2.60	20.50	5.10	4.80
5/19/2013 16:30	14.70	4.50	42.20	48.00	0.00
5/19/2013 16:45	17.00	3.70	12.70	9.10	7.90
5/19/2013 17:00	18.40	3.60	24.30	9.00	9.40
5/19/2013 17:15	28.10	17.20	26.70	10.90	17.20
5/19/2013 17:30	23.80	26.30	24.90	14.50	11.80
5/19/2013 17:45	14.60	17.70	20.80	24.10	0.00
5/19/2013 18:00	11.70	19.00	38.10	22.40	0.00
5/19/2013 18:15	11.80	12.00	19.00	14.00	0.00
5/19/2013 18:30	10.70	14.20	10.60	14.40	3.60
5/19/2013 18:45	7.80	4.00	6.50	12.30	1.30
5/19/2013 19:00	5.20	3.20	11.00	12.00	0.00
5/19/2013 19:15	0.10	3.20	11.40	13.10	0.00
5/19/2013 19:30	0.00	2.80	9.70	10.80	0.00
5/19/2013 19:45	-0.60	2.50	11.60	11.40	0.00
5/19/2013 20:00	9.40	10.90	-1.30	2.40	12.20
5/19/2013 20:15	16.80	6.50	0.10	2.30	16.70
5/19/2013 20:30	-2.50	2.50	2.80	5.90	0.00
5/19/2013 20:45	-3.60	2.60	18.20	6.10	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/19/2013 21:00	-3.70	2.60	1.40	5.20	1.20
5/19/2013 21:15	-3.80	2.50	0.60	4.80	1.90
5/19/2013 21:30	-4.10	2.00	-1.20	4.20	3.20
5/19/2013 21:45	-4.00	1.80	-1.80	4.10	3.60
5/19/2013 22:00	-0.30	4.70	-4.10	1.50	0.00
5/19/2013 22:15	-4.20	1.50	-0.40	4.40	1.90
5/19/2013 22:30	-4.00	1.40	-0.60	4.70	2.00
5/19/2013 22:45	0.90	4.50	1.40	1.40	3.10
5/19/2013 23:00	-2.90	1.30	0.00	4.00	1.30
5/19/2013 23:15	-3.70	1.30	0.40	4.30	0.90
5/19/2013 23:30	-4.40	1.40	1.30	4.40	0.10
5/19/2013 23:45	-2.50	1.50	2.30	5.10	0.00
5/20/2013 0:00	-2.60	1.60	0.40	6.50	1.20
5/20/2013 0:15	-1.20	1.80	-0.70	3.90	2.50
5/20/2013 0:30	-2.20	2.00	0.40	5.80	1.60
5/20/2013 0:45	-2.30	6.20	-3.90	1.90	10.10
5/20/2013 1:00	-4.70	1.50	-1.60	3.90	3.10
5/20/2013 1:15	-4.60	1.50	-2.20	6.30	3.70
5/20/2013 1:30	-4.70	1.50	-2.50	4.70	4.00
5/20/2013 1:45	-4.70	1.40	8.80	4.70	0.00
5/20/2013 2:00	-4.90	1.30	4.90	5.30	0.00
5/20/2013 2:15	-3.30	1.30	6.80	5.70	0.00
5/20/2013 2:30	2.10	2.10	12.10	15.80	0.00
5/20/2013 2:45	13.30	10.80	4.30	1.80	11.50
5/20/2013 3:00	7.20	4.50	3.80	1.50	5.70
5/20/2013 3:15	-4.30	1.10	2.80	3.80	0.00
5/20/2013 3:30	-5.00	1.10	0.00	5.40	1.10
5/20/2013 3:45	-4.80	1.10	-0.30	4.60	1.40
5/20/2013 4:00	2.80	7.80	-3.70	1.20	11.50
5/20/2013 4:15	-4.70	1.10	1.50	4.90	0.00
5/20/2013 4:30	-4.10	1.10	0.80	4.10	0.30
5/20/2013 4:45	-4.40	1.20	-2.20	3.40	3.40
5/20/2013 5:00	4.00	4.20	-3.30	1.40	7.50
5/20/2013 5:15	-4.60	1.20	-2.40	4.00	3.60
5/20/2013 5:30	1.00	4.20	-4.40	1.30	8.60
5/20/2013 5:45	-4.30	1.40	4.60	4.40	0.00
5/20/2013 6:00	-2.80	1.30	15.90	9.00	0.00
5/20/2013 6:15	-3.10	1.40	14.70	17.10	0.00
5/20/2013 6:30	-4.20	1.40	9.00	7.40	0.00
5/20/2013 6:45	-1.90	1.40	6.80	7.70	0.00
5/20/2013 7:00	-2.20	1.30	7.20	5.90	0.00
5/20/2013 7:15	-0.20	1.20	6.40	3.90	0.00
5/20/2013 7:30	-2.50	1.20	3.90	4.20	0.00
5/20/2013 7:45	-4.00	1.00	-2.60	5.00	3.60
5/20/2013 8:00	-5.00	1.10	-0.20	4.30	1.30
5/20/2013 8:15	-4.80	1.20	-1.70	3.20	2.90
5/20/2013 8:30	0.00	3.60	-4.20	1.20	7.80
5/20/2013 8:45	-3.70	1.20	-0.50	6.30	1.70
5/20/2013 9:00	-3.10	1.20	0.20	6.20	1.00
5/20/2013 9:15	-4.40	1.30	-0.70	4.90	2.00
5/20/2013 9:30	-4.40	1.30	-0.80	4.70	2.10
5/20/2013 9:45	-4.30	1.40	-1.10	5.90	2.50
5/20/2013 10:00	-1.00	3.90	-3.70	1.40	0.00
5/20/2013 10:15	-1.70	1.40	-1.60	5.40	3.00
5/20/2013 10:30	-2.30	1.70	-2.10	4.50	3.80
5/20/2013 10:45	-3.50	1.70	-1.70	4.30	3.40
5/20/2013 11:00	-3.60	1.70	1.00	4.90	0.70
5/20/2013 11:15	-3.80	1.70	-1.80	4.30	3.50
5/20/2013 11:30	-0.20	4.40	-3.90	1.60	8.30
5/20/2013 11:45	0.10	4.10	-4.00	1.40	8.10
5/20/2013 12:00	-2.50	1.40	-1.50	5.20	2.90
5/20/2013 12:15	-0.30	1.50	-0.40	4.10	1.90
5/20/2013 12:30	3.40	4.90	9.40	2.40	2.50
5/20/2013 12:45	5.10	2.30	5.90	6.00	0.00
5/20/2013 13:00	-1.20	1.70	0.40	6.90	1.30
5/20/2013 13:15	0.70	1.90	3.50	7.60	0.00
5/20/2013 13:30	1.80	2.40	-0.80	6.40	3.20
5/20/2013 13:45	1.60	2.30	2.30	5.50	0.00
5/20/2013 14:00	-0.40	2.20	0.30	4.40	1.90
5/20/2013 14:15	0.10	2.00	1.90	4.60	0.10
5/20/2013 14:30	-0.50	2.00	2.70	4.90	0.00
5/20/2013 14:45	-2.40	1.80	1.50	4.60	0.30
5/20/2013 15:00	-1.60	1.80	-0.70	4.00	2.50
5/20/2013 15:15	-1.20	1.90	-0.20	3.70	2.10
5/20/2013 15:30	-1.70	1.90	3.10	4.40	0.00
5/20/2013 15:45	-2.30	1.90	-1.80	5.50	3.70
5/20/2013 16:00	-2.00	2.10	27.30	16.20	0.00
5/20/2013 16:15	-1.10	1.90	18.20	8.80	0.00
5/20/2013 16:30	-2.60	1.70	16.50	6.70	0.00
5/20/2013 16:45	-2.20	1.70	-0.30	5.30	2.00
5/20/2013 17:00	-2.30	1.80	6.70	7.60	0.00
5/20/2013 17:15	-2.90	2.00	-1.10	7.20	3.10
5/20/2013 17:30	-1.80	1.80	5.10	6.40	0.00
5/20/2013 17:45	-1.80	1.90	4.50	4.70	0.00
5/20/2013 18:00	-1.40	2.00	1.30	4.90	0.70
5/20/2013 18:15	-1.40	2.60	-0.10	4.70	2.70
5/20/2013 18:30	-2.40	2.60	5.20	5.00	0.00
5/20/2013 18:45	-2.20	2.70	1.00	4.60	1.70
5/20/2013 19:00	0.70	4.90	-2.00	2.30	6.90



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/20/2013 19:15	-2.30	2.20	0.10	4.70	2.10
5/20/2013 19:30	-2.00	2.30	3.10	5.40	0.00
5/20/2013 19:45	-3.20	2.40	1.50	5.20	0.90
5/20/2013 20:00	-2.60	2.50	5.70	4.60	0.00
5/20/2013 20:15	-2.20	2.60	4.10	5.50	0.00
5/20/2013 20:30	-1.20	2.50	2.00	4.90	0.50
5/20/2013 20:45	1.00	2.50	2.80	5.60	0.00
5/20/2013 21:00	-2.30	2.60	0.00	5.50	2.60
5/20/2013 21:15	-0.90	4.80	1.40	5.00	3.40
5/20/2013 21:30	-2.70	2.30	10.60	5.60	0.00
5/20/2013 21:45	-3.20	2.20	6.60	7.80	0.00
5/20/2013 22:00	-1.70	2.40	8.80	11.20	0.00
5/20/2013 22:15	-1.80	2.40	9.00	6.40	0.00
5/20/2013 22:30	0.20	2.20	4.00	5.60	0.00
5/20/2013 22:45	0.70	2.10	0.70	5.50	1.40
5/20/2013 23:00	-0.30	2.10	0.20	5.60	1.90
5/20/2013 23:15	-0.40	2.20	4.50	6.40	0.00
5/20/2013 23:30	-2.40	2.20	0.90	4.70	1.30
5/20/2013 23:45	-3.30	2.20	1.70	4.50	0.50
5/21/2013 0:00	-3.40	2.20	7.30	5.40	0.00
5/21/2013 0:15	-1.60	2.50	5.70	5.40	0.00
5/21/2013 0:30	2.00	5.40	-2.30	2.50	7.70
5/21/2013 0:45	-0.10	2.10	5.60	5.80	0.00
5/21/2013 1:00	-0.80	2.30	1.70	5.60	0.60
5/21/2013 1:15	4.50	2.10	3.60	6.40	0.90
5/21/2013 1:30	-0.50	2.40	4.20	5.70	0.00
5/21/2013 1:45	4.60	2.30	5.20	5.40	0.00
5/21/2013 2:00	5.20	2.30	3.80	7.90	1.40
5/21/2013 2:15	4.30	5.50	3.60	2.50	3.00
5/21/2013 2:30	3.70	2.60	3.60	5.90	0.10
5/21/2013 2:45	-2.20	2.60	3.60	5.10	0.00
5/21/2013 3:00	-1.70	2.30	3.60	5.40	0.00
5/21/2013 3:15	-1.90	2.10	-0.60	5.80	2.70
5/21/2013 3:30	-3.50	2.10	-0.80	5.80	2.90
5/21/2013 3:45	-3.80	2.00	3.70	5.50	0.00
5/21/2013 4:00	-4.20	2.00	3.50	4.90	0.00
5/21/2013 4:15	-0.50	4.60	-3.40	2.00	8.00
5/21/2013 4:30	0.70	4.80	-3.10	1.80	7.90
5/21/2013 4:45	-2.50	2.00	1.10	4.40	0.90
5/21/2013 5:00	1.90	3.90	-2.90	2.00	6.80
5/21/2013 5:15	-3.30	2.10	7.00	4.90	0.00
5/21/2013 5:30	-3.40	2.00	0.40	5.40	1.60
5/21/2013 5:45	-3.30	2.30	1.20	5.00	1.10
5/21/2013 6:00	-3.30	2.20	2.20	5.10	0.00
5/21/2013 6:15	2.30	7.40	2.20	5.60	5.20
5/21/2013 6:30	3.00	6.50	5.20	6.00	1.30
5/21/2013 6:45	-0.40	4.20	7.30	6.80	0.00
5/21/2013 7:00	-0.10	2.30	1.50	6.80	0.80
5/21/2013 7:15	-1.00	2.30	3.50	8.20	0.00
5/21/2013 7:30	-1.70	2.10	7.90	9.30	0.00
5/21/2013 7:45	-2.60	2.20	10.00	8.60	0.00
5/21/2013 8:00	-2.30	2.00	13.50	7.30	0.00
5/21/2013 8:15	-2.20	1.90	2.20	5.10	0.00
5/21/2013 8:30	-0.50	4.90	-2.90	1.80	7.80
5/21/2013 8:45	-2.70	2.00	0.40	4.80	1.60
5/21/2013 9:00	0.20	4.60	-2.60	2.20	7.20
5/21/2013 9:15	-3.10	2.20	-0.90	4.70	3.10
5/21/2013 9:30	-3.60	2.20	2.90	4.60	0.00
5/21/2013 9:45	1.80	4.70	-3.40	2.30	8.10
5/21/2013 10:00	-3.80	2.30	-1.10	5.00	3.40
5/21/2013 10:15	-3.10	2.60	1.50	4.90	1.10
5/21/2013 10:30	-3.30	2.50	3.00	5.60	0.00
5/21/2013 10:45	-1.50	4.90	-3.70	2.30	8.60
5/21/2013 11:00	-3.00	2.10	-1.40	5.00	3.50
5/21/2013 11:15	-2.30	1.90	1.00	4.50	0.90
5/21/2013 11:30	-2.50	2.00	1.10	6.10	0.90
5/21/2013 11:45	-3.20	2.40	24.00	5.50	0.00
5/21/2013 12:00	0.00	2.30	13.30	12.50	0.00
5/21/2013 12:15	4.10	2.30	15.10	6.40	0.00
5/21/2013 12:30	1.90	2.10	3.60	5.20	0.00
5/21/2013 12:45	-2.90	2.00	2.90	6.70	0.00
5/21/2013 13:00	-3.60	1.90	7.50	5.30	0.00
5/21/2013 13:15	-0.80	2.20	6.60	6.50	0.00
5/21/2013 13:30	-3.70	2.30	12.70	14.30	0.00
5/21/2013 13:45	-3.40	2.10	2.50	5.00	0.00
5/21/2013 14:00	-3.30	3.30	-0.90	4.30	2.70
5/21/2013 14:15	-2.40	1.70	-1.20	4.60	2.90
5/21/2013 14:30	-2.70	1.80	1.50	4.70	0.30
5/21/2013 14:45	-1.60	2.10	6.10	4.60	0.00
5/21/2013 15:00	-2.00	2.10	-0.70	4.80	2.80
5/21/2013 15:15	-2.30	2.10	1.30	4.60	0.80
5/21/2013 15:30	-1.20	2.10	1.00	5.50	1.10
5/21/2013 15:45	-2.80	2.80	0.20	4.50	2.60
5/21/2013 16:00	-3.30	2.80	4.10	7.20	0.00
5/21/2013 16:15	30.40	18.60	4.60	4.60	25.80
5/21/2013 16:30	27.30	7.30	0.80	5.40	26.50
5/21/2013 16:45	7.30	2.30	15.40	9.90	0.00
5/21/2013 17:00	16.50	2.10	13.40	14.70	3.10
5/21/2013 17:15	19.80	4.60	12.10	13.40	7.70



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(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/21/2013 17:30	8.30	22.80	17.10	5.20	17.60
5/21/2013 17:45	18.00	9.10	8.60	12.90	9.40
5/21/2013 18:00	13.40	7.70	10.50	10.90	2.90
5/21/2013 18:15	12.10	6.00	8.80	9.50	3.30
5/21/2013 18:30	8.30	5.70	5.20	10.30	3.10
5/21/2013 18:45	2.00	4.50	7.90	9.90	0.00
5/21/2013 19:00	-0.20	4.30	6.30	9.60	0.00
5/21/2013 19:15	1.60	4.40	6.80	8.00	0.00
5/21/2013 19:30	0.10	4.10	1.10	6.20	3.00
5/21/2013 19:45	-1.70	3.50	9.30	6.50	0.00
5/21/2013 20:00	-2.10	3.10	0.70	5.30	2.40
5/21/2013 20:15	-1.40	3.00	1.40	5.20	1.60
5/21/2013 20:30	-2.10	2.90	2.00	5.00	0.90
5/21/2013 20:45	29.30	28.50	-0.50	2.70	29.80
5/21/2013 21:00	0.10	2.90	5.10	5.60	0.00
5/21/2013 21:15	-3.60	2.50	9.20	5.20	0.00
5/21/2013 21:30	-3.70	2.30	9.00	4.80	0.00
5/21/2013 21:45	0.00	2.20	8.30	6.20	0.00
5/21/2013 22:00	1.60	2.00	5.60	6.10	0.00
5/21/2013 22:15	1.00	2.80	7.40	8.40	0.00
5/21/2013 22:30	0.30	3.00	9.30	8.60	0.00
5/21/2013 22:45	-1.30	2.50	6.10	10.30	0.00
5/21/2013 23:00	-1.30	2.30	4.70	6.40	0.00
5/21/2013 23:15	-1.50	2.30	6.10	7.30	0.00
5/21/2013 23:30	6.10	8.00	-1.20	2.40	9.20
5/21/2013 23:45	-0.60	2.30	4.70	6.10	0.00
5/22/2013 0:00	1.70	2.20	21.10	6.60	0.00
5/22/2013 0:15	9.10	7.00	0.90	2.00	8.20
5/22/2013 0:30	1.20	2.30	12.60	5.70	0.00
5/22/2013 0:45	2.40	2.40	10.30	7.30	0.00
5/22/2013 1:00	2.50	2.50	7.50	6.90	0.00
5/22/2013 1:15	-0.50	2.60	4.40	6.20	0.00
5/22/2013 1:30	-1.30	2.30	0.80	4.90	1.50
5/22/2013 1:45	-2.30	2.00	0.70	5.00	1.30
5/22/2013 2:00	-3.70	2.30	2.10	5.00	0.20
5/22/2013 2:15	-3.80	2.10	1.40	4.40	0.70
5/22/2013 2:30	-3.70	2.10	0.50	5.40	1.60
5/22/2013 2:45	-3.00	2.00	8.90	10.00	0.00
5/22/2013 3:00	-0.20	2.20	20.40	10.30	0.00
5/22/2013 3:15	0.30	1.90	13.40	6.90	0.00
5/22/2013 3:30	-3.60	2.00	14.70	5.70	0.00
5/22/2013 3:45	-2.70	2.20	4.60	4.80	0.00
5/22/2013 4:00	31.10	26.80	19.10	5.90	25.20
5/22/2013 4:15	-2.70	1.90	12.70	11.80	0.00
5/22/2013 4:30	5.10	1.70	14.90	13.00	0.00
5/22/2013 4:45	7.00	1.80	13.50	12.80	0.00
5/22/2013 5:00	4.10	2.20	9.60	11.10	0.00
5/22/2013 5:15	-0.50	1.80	10.10	5.30	0.00
5/22/2013 5:30	-2.30	1.80	11.30	7.20	0.00
5/22/2013 5:45	-1.40	1.60	10.30	7.60	0.00
5/22/2013 6:00	-3.60	1.70	3.00	4.90	0.00
5/22/2013 6:15	-2.30	1.50	3.40	4.50	0.00
5/22/2013 6:30	-1.90	1.50	8.80	7.00	0.00
5/22/2013 6:45	-2.30	1.40	5.50	9.80	0.00
5/22/2013 7:00	-1.80	1.40	4.50	8.20	0.00
5/22/2013 7:15	-3.80	1.30	0.50	4.30	0.80
5/22/2013 7:30	-4.10	1.30	0.10	3.90	1.20
5/22/2013 7:45	-5.10	1.60	0.60	4.20	1.00
5/22/2013 8:00	-4.70	1.20	-0.30	3.60	1.50
5/22/2013 8:15	-4.30	1.10	-1.70	4.20	2.80
5/22/2013 8:30	3.00	3.70	-4.70	0.90	8.40
5/22/2013 8:45	10.90	17.40	-3.50	0.80	20.90
5/22/2013 9:00	-4.80	1.00	13.10	8.20	0.00
5/22/2013 9:15	-5.10	1.20	14.40	10.40	0.00
5/22/2013 9:30	-4.90	1.00	8.80	10.40	0.00
5/22/2013 9:45	-2.30	1.00	6.70	4.70	0.00
5/22/2013 10:00	-1.90	1.90	5.30	4.80	0.00
5/22/2013 10:15	-2.30	4.50	7.00	4.30	0.20
5/22/2013 10:30	-2.80	1.50	7.20	5.70	0.00
5/22/2013 10:45	-2.70	1.40	-1.20	6.60	2.60
5/22/2013 11:00	-4.60	1.50	0.80	4.10	0.70
5/22/2013 11:15	-3.90	1.60	4.40	4.50	0.00
5/22/2013 11:30	-4.50	1.80	3.60	5.80	0.00
5/22/2013 11:45	-3.60	1.50	0.10	4.90	1.40
5/22/2013 12:00	-2.90	1.10	1.60	4.00	0.00
5/22/2013 12:15	-3.80	1.00	1.10	3.80	0.00
5/22/2013 12:30	-3.00	1.10	3.90	3.80	0.00
5/22/2013 12:45	-2.00	1.20	2.20	5.00	0.00
5/22/2013 13:00	-1.80	1.30	-0.60	3.80	1.90
5/22/2013 13:15	-1.60	1.30	2.00	4.70	0.00
5/22/2013 13:30	-0.80	1.50	2.40	4.40	0.00
5/22/2013 13:45	-2.00	1.40	2.20	4.00	0.00
5/22/2013 14:00	-2.40	1.50	-0.50	4.40	2.00
5/22/2013 14:15	-2.30	1.50	1.00	6.10	0.50
5/22/2013 14:30	-2.30	2.10	2.70	4.50	0.00
5/22/2013 14:45	-2.50	1.90	3.60	33.20	0.00
5/22/2013 15:00	-2.30	2.00	10.30	23.60	0.00
5/22/2013 15:15	-3.00	2.60	-0.30	5.40	2.90
5/22/2013 15:30	1.10	1.50	2.50	12.90	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/22/2013 15:45	3.10	2.70	2.60	6.30	0.50
5/22/2013 16:00	6.90	3.60	2.60	15.50	4.30
5/22/2013 16:15	6.50	1.80	3.80	9.40	2.70
5/22/2013 16:30	-1.70	6.70	3.60	9.80	3.10
5/22/2013 16:45	-2.80	5.10	6.60	12.40	0.00
5/22/2013 17:00	35.60	27.70	-1.60	1.40	37.20
5/22/2013 17:15	-1.90	1.50	28.60	16.30	0.00
5/22/2013 17:30	-1.10	1.50	21.30	19.90	0.00
5/22/2013 17:45	-1.00	1.80	3.00	13.60	0.00
5/22/2013 18:00	10.50	3.00	3.50	5.40	7.00
5/22/2013 18:15	6.00	3.00	3.30	8.20	2.70
5/22/2013 18:30	6.00	2.30	3.40	9.10	2.60
5/22/2013 18:45	12.30	6.70	2.90	2.50	9.80
5/22/2013 19:00	1.50	2.30	57.40	11.60	0.00
5/22/2013 19:15	1.00	2.10	6.00	7.40	0.00
5/22/2013 19:30	1.00	1.90	16.50	10.00	0.00
5/22/2013 19:45	1.10	2.30	2.20	6.80	0.10
5/22/2013 20:00	1.40	2.40	4.30	6.20	0.00
5/22/2013 20:15	-5.10	1.20	-0.50	3.60	1.70
5/22/2013 20:30	-4.50	1.20	2.20	4.10	0.00
5/22/2013 20:45	-4.50	1.40	2.40	4.10	0.00
5/22/2013 21:00	-4.60	1.20	0.80	3.80	0.40
5/22/2013 21:15	-5.90	0.70	0.60	4.30	0.10
5/22/2013 21:30	-6.20	0.20	-0.20	3.40	0.40
5/22/2013 21:45	0.20	3.80	-6.20	0.40	10.00
5/22/2013 22:00	-5.40	0.70	0.70	3.80	0.00
5/22/2013 22:15	0.60	3.90	-5.30	0.70	9.20
5/22/2013 22:30	0.70	3.90	-5.40	0.60	9.30
5/22/2013 22:45	0.00	3.80	-5.50	0.40	9.30
5/22/2013 23:00	-0.90	3.60	-5.70	0.10	0.00
5/22/2013 23:15	-1.10	3.40	-5.80	0.00	9.20
5/22/2013 23:30	-5.90	0.00	-1.30	3.30	1.30
5/22/2013 23:45	-1.30	3.30	-5.90	0.00	0.00
5/23/2013 0:00	-1.00	3.50	-5.90	-0.10	9.40
5/23/2013 0:15	-1.10	3.30	-5.80	-0.10	9.10
5/23/2013 0:30	-1.20	3.00	-5.70	0.00	8.70
5/23/2013 0:45	-0.90	3.40	-5.70	0.00	9.10
5/23/2013 1:00	-0.50	3.50	-5.70	0.10	9.20
5/23/2013 1:15	-0.20	3.50	-5.60	0.10	9.10
5/23/2013 1:30	-5.50	0.20	0.00	3.60	0.20
5/23/2013 1:45	0.40	3.70	-5.40	0.50	9.10
5/23/2013 2:00	0.80	3.60	-5.10	0.70	8.70
5/23/2013 2:15	-4.90	0.80	1.10	3.70	0.00
5/23/2013 2:30	1.70	4.00	-4.80	0.90	8.80
5/23/2013 2:45	2.10	3.90	-4.60	1.10	8.50
5/23/2013 3:00	-4.40	1.10	2.30	4.10	0.00
5/23/2013 3:15	2.40	4.00	-4.30	1.10	8.30
5/23/2013 3:30	2.30	4.60	-4.40	1.00	9.00
5/23/2013 3:45	2.30	4.00	-4.40	0.80	8.40
5/23/2013 4:00	0.70	3.80	-4.40	0.90	8.20
5/23/2013 4:15	-1.60	4.10	-4.90	1.00	9.00
5/23/2013 4:30	1.50	3.30	-2.50	53.70	5.80
5/23/2013 4:45	-5.70	3.50	1.60	2.80	1.90
5/23/2013 5:00	1.90	3.60	-5.70	7.90	9.30
5/23/2013 5:15	1.60	3.40	-5.60	-0.20	9.00
5/23/2013 5:30	2.30	3.40	-5.50	-0.10	8.90
5/23/2013 5:45	-5.60	0.40	2.10	2.90	0.00
5/23/2013 6:00	1.80	2.90	-5.70	0.20	8.60
5/23/2013 6:15	-5.70	0.00	1.20	3.00	0.00
5/23/2013 6:30	0.90	3.10	-5.70	0.10	8.80
5/23/2013 6:45	-5.70	0.40	0.70	3.10	0.00
5/23/2013 7:00	0.30	3.30	-5.70	0.10	0.00
5/23/2013 7:15	0.00	3.20	-5.70	0.10	0.00
5/23/2013 7:30	-0.10	3.30	-5.60	0.10	8.90
5/23/2013 7:45	-0.40	3.20	-5.20	0.60	8.40
5/23/2013 8:00	-0.10	3.10	-5.00	0.80	8.10
5/23/2013 8:15	-4.80	0.90	-0.20	3.40	1.10
5/23/2013 8:30	-0.60	3.50	-4.80	0.80	0.00
5/23/2013 8:45	-0.50	3.70	-4.80	0.80	8.50
5/23/2013 9:00	-4.90	0.90	-0.10	3.80	1.00
5/23/2013 9:15	0.40	3.80	-4.90	0.90	8.70
5/23/2013 9:30	0.60	3.60	-4.60	0.90	8.20
5/23/2013 9:45	-4.70	0.80	0.90	3.60	0.00
5/23/2013 10:00	-4.80	1.00	0.70	3.70	0.30
5/23/2013 10:15	-4.80	1.20	1.00	3.70	0.20
5/23/2013 10:30	-5.00	0.90	2.30	3.70	0.00
5/23/2013 10:45	-4.80	1.00	2.50	3.90	0.00
5/23/2013 11:00	-4.60	1.20	2.90	4.00	0.00
5/23/2013 11:15	-4.10	1.30	3.00	4.20	0.00
5/23/2013 11:30	-3.90	1.40	3.20	4.10	0.00
5/23/2013 11:45	-3.80	1.50	2.90	4.10	0.00
5/23/2013 12:00	-3.70	1.30	3.20	4.20	0.00
5/23/2013 12:15	3.40	4.20	-3.40	1.30	7.60
5/23/2013 12:30	-3.30	1.50	3.40	4.30	0.00
5/23/2013 12:45	-3.20	1.40	3.40	4.50	0.00
5/23/2013 13:00	-2.90	1.50	3.60	4.50	0.00
5/23/2013 13:15	3.40	4.60	-2.80	1.30	7.40
5/23/2013 13:30	3.60	4.60	-2.60	1.50	7.20
5/23/2013 13:45	-2.40	1.50	3.60	3.10	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/23/2013 14:00	-2.30	1.60	3.60	4.80	0.00
5/23/2013 14:15	3.70	3.30	-2.30	1.60	6.00
5/23/2013 14:30	3.70	4.20	-2.20	1.60	6.40
5/23/2013 14:45	3.70	2.80	-2.20	1.60	5.90
5/23/2013 15:00	3.60	-1.10	-2.20	1.60	5.80
5/23/2013 15:15	3.60	-0.70	-2.20	1.60	5.80
5/23/2013 15:30	3.30	4.40	-2.20	1.60	6.60
5/23/2013 15:45	-2.10	1.60	3.60	-1.10	2.70
5/23/2013 16:00	-2.10	1.60	3.60	4.70	0.00
5/23/2013 16:15	-2.00	1.60	3.50	4.90	0.00
5/23/2013 16:30	-2.00	1.60	3.60	4.90	0.00
5/23/2013 16:45	-2.00	1.60	3.70	5.00	0.00
5/23/2013 17:00	-2.00	1.60	3.70	4.60	0.00
5/23/2013 17:15	-1.90	1.60	3.70	5.00	0.00
5/23/2013 17:30	-1.90	1.60	3.70	4.90	0.00
5/23/2013 17:45	-1.90	1.60	3.70	4.90	0.00
5/23/2013 18:00	-1.80	1.60	3.70	4.80	0.00
5/23/2013 18:15	-1.80	1.60	3.80	4.90	0.00
5/23/2013 18:30	-1.80	1.60	3.80	5.00	0.00
5/23/2013 18:45	-1.80	1.60	3.70	5.00	0.00
5/23/2013 19:00	-1.90	1.60	3.70	4.70	0.00
5/23/2013 19:15	-1.90	1.70	3.80	5.00	0.00
5/23/2013 19:30	-1.90	1.70	3.70	5.00	0.00
5/23/2013 19:45	3.80	5.00	-1.80	1.70	6.80
5/23/2013 20:00	-1.80	1.70	3.80	5.00	0.00
5/23/2013 20:15	-1.80	1.70	3.60	4.60	0.00
5/23/2013 20:30	-1.80	1.70	4.00	5.00	0.00
5/23/2013 20:45	3.80	5.00	-1.80	1.70	6.80
5/23/2013 21:00	3.60	5.00	-1.80	1.70	6.80
5/23/2013 21:15	3.80	5.10	-1.80	1.70	6.90
5/23/2013 21:30	-1.80	1.70	3.70	5.10	0.00
5/23/2013 21:45	-1.80	1.70	3.60	5.10	0.00
5/23/2013 22:00	3.80	5.10	-1.80	1.60	6.90
5/23/2013 22:15	-1.80	1.70	3.80	5.10	0.00
5/23/2013 22:30	-1.80	1.70	3.70	5.00	0.00
5/23/2013 22:45	-1.80	1.70	3.90	5.10	0.00
5/23/2013 23:00	-1.80	1.70	3.80	5.00	0.00
5/23/2013 23:15	3.60	5.00	-1.70	1.70	6.70
5/23/2013 23:30	3.80	5.10	-1.80	1.70	6.90
5/23/2013 23:45	4.00	5.20	-1.80	1.70	7.00
5/24/2013 0:00	-1.80	1.70	3.70	5.20	0.00
5/24/2013 0:15	-1.80	1.60	3.90	5.10	0.00
5/24/2013 0:30	-1.80	1.70	3.60	5.10	0.00
5/24/2013 0:45	3.70	5.10	-1.70	1.70	6.80
5/24/2013 1:00	-2.00	1.70	3.80	5.10	0.00
5/24/2013 1:15	-1.60	1.70	3.80	5.00	0.00
5/24/2013 1:30	-1.60	1.70	3.80	5.00	0.00
5/24/2013 1:45	-1.70	1.70	3.90	5.10	0.00
5/24/2013 2:00	3.80	5.00	-1.70	1.70	0.00
5/24/2013 2:15	-1.70	1.70	3.90	5.10	0.00
5/24/2013 2:30	-1.80	1.70	3.90	5.00	0.00
5/24/2013 2:45	3.70	5.00	-1.70	1.70	6.70
5/24/2013 3:00	3.80	5.00	-1.80	1.70	6.80
5/24/2013 3:15	3.70	5.00	-1.70	1.70	6.70
5/24/2013 3:30	-1.60	1.70	3.90	5.00	0.00
5/24/2013 3:45	-1.50	1.70	3.90	5.10	0.00
5/24/2013 4:00	-1.80	1.70	3.90	5.10	0.00
5/24/2013 4:15	-1.80	1.70	3.90	5.10	0.00
5/24/2013 4:30	-1.70	1.70	4.00	5.10	0.00
5/24/2013 4:45	-1.20	1.70	4.20	5.10	0.00
5/24/2013 5:00	-1.60	1.70	3.80	5.10	0.00
5/24/2013 5:15	-1.70	1.70	3.90	5.30	0.00
5/24/2013 5:30	-1.70	1.70	3.90	4.90	0.00
5/24/2013 5:45	3.90	5.00	-1.80	1.70	6.80
5/24/2013 6:00	-1.70	1.70	3.70	5.00	0.00
5/24/2013 6:15	-1.80	1.70	3.80	5.10	0.00
5/24/2013 6:30	-1.70	1.60	3.80	5.10	0.00
5/24/2013 6:45	-1.70	1.60	3.70	4.90	0.00
5/24/2013 7:00	3.70	5.00	-1.70	1.70	6.70
5/24/2013 7:15	-1.80	1.60	3.80	4.80	0.00
5/24/2013 7:30	-1.80	1.60	3.70	4.90	0.00
5/24/2013 7:45	3.70	4.80	-1.80	1.60	6.60
5/24/2013 8:00	-1.80	1.60	3.60	4.80	0.00
5/24/2013 8:15	-1.80	1.60	3.60	4.80	0.00
5/24/2013 8:30	3.60	4.80	-2.90	1.60	7.70
5/24/2013 8:45	3.50	5.20	-3.00	1.60	8.20
5/24/2013 10:15	3.40	-1.10	-1.90	-5.20	8.60
5/24/2013 11:00	2.10	-6.60	-1.20	-1.90	4.00
5/24/2013 11:15	-1.20	-1.70	1.90	-6.60	5.40
5/24/2013 11:30	-1.20	-1.70	2.00	-6.50	5.30
5/24/2013 11:45	2.20	-5.60	-1.20	-1.70	3.90
5/24/2013 12:00	-1.20	-1.70	2.10	-5.50	4.30
5/24/2013 12:15	2.10	-5.50	-1.20	-1.70	3.80
5/24/2013 12:30	2.00	-5.70	-1.20	-1.70	3.70
5/24/2013 12:45	2.20	-5.60	-1.20	-1.80	4.00
5/24/2013 13:00	2.20	-5.60	-1.20	-1.80	4.00
5/24/2013 13:15	2.20	-5.50	-1.20	-1.80	4.00
5/24/2013 13:30	-1.20	-1.70	2.10	-5.50	4.30
5/24/2013 13:45	-1.20	-1.70	2.10	-6.00	4.80



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(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/24/2013 14:00	-1.20	-1.70	2.20	-5.50	4.30
5/24/2013 14:15	2.20	-5.40	-1.20	-1.70	3.90
5/24/2013 14:30	-1.20	-1.70	2.20	-5.40	4.20
5/24/2013 14:45	-1.20	-1.70	2.20	-5.50	4.30
5/24/2013 15:00	-1.20	-1.70	2.10	-5.50	4.30
5/24/2013 15:15	2.30	-5.40	-1.20	-1.70	0.00
5/24/2013 15:30	-1.20	-1.70	2.20	-5.50	4.30
5/24/2013 15:45	2.10	-5.70	-1.20	-1.70	3.80
5/24/2013 16:00	2.20	-5.50	-1.20	-1.70	3.90
5/24/2013 16:15	-1.20	-1.70	2.20	-5.40	4.20
5/24/2013 16:30	-1.20	-1.70	2.20	-5.40	4.20
5/24/2013 16:45	-1.20	-1.70	2.20	-5.50	4.30
5/24/2013 17:00	-1.10	-1.70	2.20	-5.50	4.40
5/24/2013 17:15	2.20	-5.40	-1.10	-1.70	3.90
5/24/2013 17:30	2.20	-5.40	-1.10	-1.70	3.90
5/24/2013 17:45	2.20	-5.40	-1.10	-1.70	3.90
5/24/2013 18:00	2.20	-5.30	-1.10	-1.70	3.90
5/24/2013 18:15	-1.10	-1.70	2.20	-5.40	4.30
5/24/2013 18:30	-1.10	-1.70	2.20	-5.40	4.30
5/24/2013 18:45	2.20	-5.30	-1.10	-1.70	3.90
5/24/2013 19:00	-1.00	-1.70	2.20	-5.40	4.40
5/24/2013 19:15	2.30	-5.40	-1.00	-1.70	4.00
5/24/2013 19:30	-1.00	-1.70	2.40	-5.30	4.30
5/24/2013 19:45	-1.00	-1.70	2.30	-5.30	4.30
5/24/2013 20:00	-1.00	-1.70	2.10	-5.30	4.30
5/24/2013 20:15	-1.00	-1.70	2.10	-5.30	4.30
5/24/2013 20:30	2.10	-5.30	-0.90	-1.60	0.00
5/24/2013 20:45	2.20	-5.30	-0.90	-1.60	3.80
5/24/2013 21:00	2.10	-5.20	-0.90	-1.60	3.70
5/24/2013 21:15	2.20	-5.20	-0.90	-1.60	3.80
5/24/2013 21:30	-0.90	-1.60	2.10	-5.30	4.40
5/24/2013 21:45	-0.90	-1.60	2.10	-5.20	4.30
5/24/2013 22:00	2.20	-5.20	-0.90	-1.60	3.80
5/24/2013 22:15	2.20	-5.20	-0.90	-1.60	3.80
5/24/2013 22:30	2.30	-5.30	-0.90	-1.60	3.90
5/24/2013 22:45	-0.90	-1.60	2.20	-5.20	4.30
5/24/2013 23:00	-0.90	-1.60	2.30	-5.30	4.40
5/24/2013 23:15	2.10	-5.30	-0.90	-1.60	0.00
5/24/2013 23:30	2.30	-5.70	-0.90	-1.60	3.90
5/24/2013 23:45	-0.90	-1.60	2.20	-5.20	4.30
5/25/2013 0:00	2.20	-5.30	-0.90	-1.60	3.80
5/25/2013 0:15	-0.90	-1.60	2.20	-5.20	4.30
5/25/2013 0:30	-0.90	-1.60	2.30	-5.30	4.40
5/25/2013 0:45	2.40	-5.20	-0.90	-1.60	4.00
5/25/2013 1:00	-0.90	-1.60	2.40	-5.50	4.60
5/25/2013 1:15	-0.90	-1.60	2.20	-5.20	4.30
5/25/2013 1:30	2.20	-5.30	-0.90	-1.60	3.80
5/25/2013 1:45	-0.90	-1.60	2.20	-5.20	4.30
5/25/2013 2:00	-0.90	-1.60	2.10	-5.20	4.30
5/25/2013 2:15	-0.90	-1.60	2.20	-5.20	4.30
5/25/2013 2:30	2.20	-5.30	-0.90	-1.60	3.80
5/25/2013 2:45	2.20	-5.30	-0.90	-1.60	3.80
5/25/2013 3:00	2.20	-5.30	-0.90	-1.60	3.80
5/25/2013 3:15	2.40	-5.30	-0.90	-1.60	4.00
5/25/2013 3:30	2.10	-5.20	-0.90	-1.60	3.70
5/25/2013 3:45	-0.90	-1.60	2.20	-5.30	4.40
5/25/2013 4:00	-0.90	-1.60	2.20	-5.30	4.40
5/25/2013 4:15	2.30	-5.30	-0.90	-1.60	3.90
5/25/2013 4:30	-0.90	-1.60	2.30	-5.30	4.40
5/25/2013 4:45	-0.90	-1.60	2.30	-5.30	4.40
5/25/2013 5:00	2.30	-5.30	-0.90	-1.60	3.90
5/25/2013 5:15	-0.90	-1.60	2.30	-5.30	4.40
5/25/2013 5:30	-0.90	-1.60	2.10	-5.30	4.40
5/25/2013 5:45	2.20	-5.30	-0.90	-1.60	3.80
5/25/2013 6:00	-0.90	-1.60	2.20	-5.30	4.40
5/25/2013 6:15	2.30	-5.30	-0.90	-1.60	3.90
5/25/2013 6:30	-1.00	-1.70	2.20	-5.20	4.20
5/25/2013 6:45	2.10	-5.40	-1.00	-1.70	3.80
5/25/2013 7:00	2.20	-5.30	-1.00	-1.70	3.90
5/25/2013 7:15	2.00	-5.40	-1.00	-1.70	3.70
5/25/2013 7:30	-1.00	-1.70	2.20	-5.30	4.30
5/25/2013 7:45	2.20	-5.40	-1.00	-1.70	3.90
5/25/2013 8:00	-1.00	-1.70	2.20	-5.80	4.80
5/25/2013 8:15	-1.00	-1.70	2.20	-5.50	4.50
5/25/2013 8:30	-1.00	-1.70	2.20	-5.30	4.30
5/25/2013 8:45	2.20	-5.30	-1.00	-1.70	3.90
5/25/2013 9:00	2.20	-5.40	-1.00	-1.70	3.90
5/25/2013 9:15	-1.00	-1.70	2.20	-5.40	4.40
5/25/2013 9:30	2.20	-5.40	-1.10	-1.70	3.90
5/25/2013 9:45	-1.10	-1.70	2.20	-5.30	4.20
5/25/2013 10:00	2.10	-5.50	-1.10	-1.70	3.80
5/25/2013 10:15	2.10	-5.30	-1.10	-1.70	0.00
5/25/2013 10:30	-1.10	-1.70	2.20	-5.30	4.20
5/25/2013 10:45	2.10	-5.40	-1.10	-1.70	3.80
5/25/2013 11:00	-1.10	-1.70	2.10	-5.30	4.20
5/25/2013 11:15	2.20	-5.30	-1.10	-1.70	3.90
5/25/2013 11:30	2.10	-5.30	-1.10	-1.70	3.80
5/25/2013 11:45	-1.10	-1.70	2.30	-5.40	4.30
5/25/2013 12:00	2.20	-5.30	-1.10	-1.70	3.90



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/25/2013 12:15	-1.10	-1.70	2.00	-5.30	4.20
5/25/2013 12:30	2.10	-5.40	-1.10	-1.70	3.80
5/25/2013 12:45	2.10	-5.40	-1.10	-1.70	3.80
5/25/2013 13:00	-1.10	-1.70	2.20	-5.40	4.30
5/25/2013 13:15	2.10	-5.40	-1.10	-1.70	3.80
5/25/2013 13:30	2.20	-5.40	-1.10	-1.70	3.90
5/25/2013 13:45	2.10	-5.40	-1.20	-1.70	3.80
5/25/2013 14:00	2.10	-5.40	-1.20	-1.70	3.80
5/25/2013 14:15	-1.20	-1.70	2.20	-5.40	4.20
5/25/2013 14:30	2.20	-5.40	-1.30	-1.70	3.90
5/25/2013 14:45	2.10	-5.40	-1.30	-1.80	3.90
5/25/2013 15:00	2.20	-5.40	-1.30	-1.80	4.00
5/25/2013 15:15	-1.20	-1.80	2.10	-5.40	4.20
5/25/2013 15:30	-1.20	-1.80	2.20	-5.50	4.30
5/25/2013 15:45	-1.20	-1.70	2.20	-5.30	4.10
5/25/2013 16:00	2.20	-5.30	-1.20	-1.70	3.90
5/25/2013 16:15	-1.20	-1.70	2.20	-5.30	4.10
5/25/2013 16:30	2.20	-5.30	-1.10	-1.70	3.90
5/25/2013 16:45	-1.10	-1.70	2.10	-5.40	4.30
5/25/2013 17:00	-1.20	-1.70	2.20	-5.40	4.20
5/25/2013 17:15	2.10	-5.40	-1.20	-1.70	3.80
5/25/2013 17:30	-1.10	-1.70	2.20	-5.40	4.30
5/25/2013 17:45	2.10	-5.40	-1.20	-1.70	3.80
5/25/2013 18:00	-1.10	-1.70	2.20	-5.40	4.30
5/25/2013 18:15	-1.10	-1.70	2.20	-5.40	4.30
5/25/2013 18:30	2.10	-5.40	-1.10	-1.70	3.80
5/25/2013 18:45	-1.10	-1.70	2.10	-5.30	4.20
5/25/2013 19:00	-1.10	-1.70	2.30	-5.50	4.40
5/25/2013 19:15	2.20	-5.30	-1.00	-1.70	3.90
5/25/2013 19:30	2.30	-5.30	-1.00	-1.60	3.90
5/25/2013 19:45	2.10	-5.40	-1.00	-1.60	3.70
5/25/2013 20:00	-1.00	-1.60	2.10	-5.30	4.30
5/25/2013 20:15	-1.00	-1.60	2.20	-5.30	4.30
5/25/2013 20:30	2.20	-5.40	-1.00	-1.60	3.80
5/25/2013 20:45	2.10	-5.30	-1.00	-1.60	3.70
5/25/2013 21:00	2.30	-5.30	-1.00	-1.60	3.90
5/25/2013 21:15	2.20	-5.20	-1.00	-1.60	3.80
5/25/2013 21:30	-1.00	-1.60	2.20	-5.30	4.30
5/25/2013 21:45	-1.00	-1.60	2.10	-5.30	4.30
5/25/2013 22:00	-1.00	-1.60	2.10	-5.40	4.40
5/25/2013 22:15	2.30	-5.30	-1.00	-1.60	3.90
5/25/2013 22:30	2.10	-5.40	-1.00	-1.60	3.70
5/25/2013 22:45	2.20	-5.40	-1.00	-1.60	3.80
5/25/2013 23:00	-1.20	-1.60	2.30	-5.30	4.10
5/25/2013 23:15	-1.00	-1.60	2.20	-5.40	4.40
5/25/2013 23:30	-1.00	-1.60	2.30	-5.40	4.40
5/25/2013 23:45	2.20	-5.30	-1.00	-1.60	3.80
5/26/2013 0:00	-1.00	-1.60	2.10	-5.30	4.30
5/26/2013 0:15	-1.00	-1.60	2.20	-5.30	4.30
5/26/2013 0:30	-1.00	-1.60	2.30	-5.40	4.40
5/26/2013 0:45	2.10	-5.30	-1.00	-1.60	3.70
5/26/2013 1:00	2.20	-5.30	-1.00	-1.60	3.80
5/26/2013 1:15	-1.00	-1.60	2.30	-5.30	4.30
5/26/2013 1:30	-1.00	-1.60	2.30	-5.30	4.30
5/26/2013 1:45	2.30	-5.30	-1.00	-1.60	3.90
5/26/2013 2:00	-1.00	-1.60	2.10	-5.30	4.30
5/26/2013 2:15	-1.00	-1.60	2.20	-5.30	4.30
5/26/2013 2:30	2.10	-5.30	-1.00	-1.60	3.70
5/26/2013 2:45	2.10	-5.30	-0.90	-1.60	3.70
5/26/2013 3:00	2.30	-5.30	-0.90	-1.60	3.90
5/26/2013 3:15	-0.90	-1.60	2.20	-5.30	4.40
5/26/2013 3:30	2.30	-5.30	-1.00	-1.60	3.90
5/26/2013 3:45	-1.00	-1.60	2.20	-5.30	4.30
5/26/2013 4:00	2.10	-5.30	-1.00	-1.60	3.70
5/26/2013 4:15	-1.00	-1.60	2.10	-5.30	4.30
5/26/2013 4:30	-1.00	-1.60	2.20	-5.30	4.30
5/26/2013 4:45	-1.00	-1.60	2.30	-5.30	4.30
5/26/2013 5:00	2.30	-5.30	-1.00	-1.60	3.90
5/26/2013 5:15	2.20	-5.30	-1.00	-1.60	3.80
5/26/2013 5:30	-0.90	-1.60	2.30	-5.30	4.40
5/26/2013 5:45	-1.00	-1.60	2.10	-5.30	4.30
5/26/2013 6:00	-1.00	-1.60	2.10	-5.30	4.30
5/26/2013 6:15	-1.00	-1.60	2.20	-5.40	4.40
5/26/2013 6:30	-1.00	-1.60	2.10	-5.30	4.30
5/26/2013 6:45	-1.00	-1.70	2.10	-5.30	4.30
5/26/2013 7:00	-1.10	-1.70	2.10	-5.40	4.30
5/26/2013 7:15	2.20	-5.30	-1.10	-1.70	3.90
5/26/2013 7:30	-1.10	-1.70	2.20	-5.50	4.40
5/26/2013 7:45	2.20	-5.40	-1.10	-1.70	3.90
5/26/2013 8:00	-1.20	-1.70	2.10	-5.40	4.20
5/26/2013 8:15	-1.10	-1.70	2.10	-5.40	4.30
5/26/2013 8:30	-1.20	-1.70	2.20	-5.40	4.20
5/26/2013 8:45	-1.20	-1.70	2.20	-5.40	4.20
5/26/2013 9:00	2.10	-5.40	-1.20	-1.70	3.80
5/26/2013 9:15	-1.30	-1.70	2.10	-5.40	4.10
5/26/2013 9:30	-1.40	-1.80	2.50	-5.50	4.10
5/26/2013 9:45	2.20	-5.60	-1.40	-1.80	4.00
5/26/2013 10:00	2.10	-5.40	-1.40	-1.80	3.90
5/26/2013 10:15	2.10	-5.40	-1.40	-1.80	3.90



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/26/2013 10:30	-1.40	-1.80	2.20	-5.40	4.00
5/26/2013 10:45	2.20	-5.50	-1.40	-1.80	4.00
5/26/2013 11:00	-1.40	-1.80	2.10	-5.50	4.10
5/26/2013 11:15	2.10	-5.50	-1.40	-1.80	3.90
5/26/2013 11:30	-1.40	-1.80	1.90	-5.60	4.20
5/26/2013 11:45	-1.40	-1.80	2.20	-5.50	4.10
5/26/2013 12:00	2.30	-5.50	-1.40	-1.80	4.10
5/26/2013 12:15	2.20	-5.40	-1.40	-1.80	4.00
5/26/2013 12:30	2.20	-5.40	-1.40	-1.80	4.00
5/26/2013 12:45	2.20	-5.50	-1.40	-1.80	4.00
5/26/2013 13:00	-1.40	-1.80	2.10	-5.50	4.10
5/26/2013 13:15	-1.40	-1.80	2.20	-5.50	4.10
5/26/2013 13:30	2.20	-5.60	-1.40	-1.80	4.00
5/26/2013 13:45	-1.40	-1.80	2.20	-5.50	4.10
5/26/2013 14:00	2.20	-5.60	-1.50	-1.80	4.00
5/26/2013 14:15	-1.50	-1.90	2.10	-5.60	4.10
5/26/2013 14:30	-1.50	-1.90	2.20	-5.50	4.00
5/26/2013 14:45	2.20	-5.50	-1.50	-1.80	0.00
5/26/2013 15:00	-1.40	-1.80	2.20	-5.40	4.00
5/26/2013 15:15	-1.40	-1.80	2.20	-5.50	4.10
5/26/2013 15:30	2.20	-5.60	-1.40	-1.90	4.10
5/26/2013 15:45	2.00	-5.60	-1.50	-1.90	3.90
5/26/2013 16:00	-1.40	-1.70	2.10	-5.60	4.20
5/26/2013 16:15	-1.40	-1.80	2.20	-5.60	4.20
5/26/2013 16:30	-1.30	-1.80	2.10	-5.50	4.20
5/26/2013 16:45	-1.40	-1.80	2.10	-5.40	4.00
5/26/2013 17:00	2.20	-5.50	-1.40	-1.80	4.00
5/26/2013 17:15	-1.40	-1.80	2.10	-5.50	4.10
5/26/2013 17:30	-1.40	-1.80	2.20	-5.50	4.10
5/26/2013 17:45	-1.30	-1.80	2.30	-5.40	4.10
5/26/2013 18:00	-1.30	-1.80	2.10	-5.40	4.10
5/26/2013 18:15	2.20	-5.30	-1.30	-1.80	4.00
5/26/2013 18:30	-1.30	-1.80	2.20	-5.40	4.10
5/26/2013 18:45	-1.30	-1.70	2.20	-5.90	4.60
5/26/2013 19:00	-1.30	-1.70	2.10	-5.50	4.20
5/26/2013 19:15	-1.20	-1.70	2.10	-5.40	4.20
5/26/2013 19:30	2.10	-5.40	-1.20	-1.70	3.80
5/26/2013 19:45	2.10	-5.40	-1.20	-1.70	3.80
5/26/2013 20:00	-1.20	-1.70	2.10	-5.40	4.20
5/26/2013 20:15	2.10	-5.40	-1.20	-1.70	3.80
5/26/2013 20:30	2.10	-5.30	-1.20	-1.70	3.80
5/26/2013 20:45	-1.20	-1.70	2.10	-5.40	4.20
5/26/2013 21:00	2.20	-5.30	-1.20	-1.70	3.90
5/26/2013 21:15	-1.20	-1.70	2.10	-5.50	4.30
5/26/2013 21:30	-1.20	-1.70	2.20	-5.50	4.30
5/26/2013 21:45	2.10	-5.40	-1.20	-1.70	3.80
5/26/2013 22:00	-1.20	-1.70	2.10	-5.30	4.10
5/26/2013 22:15	2.20	-5.60	-1.20	-1.70	3.90
5/26/2013 22:30	2.10	-6.10	-1.20	-1.70	3.80
5/26/2013 22:45	-1.20	-1.70	2.00	-6.00	4.80
5/26/2013 23:00	-1.20	-1.70	2.10	-6.40	5.20
5/26/2013 23:15	-1.20	-1.70	2.20	-6.10	4.90
5/26/2013 23:30	2.10	-5.80	-1.20	-1.70	3.80
5/26/2013 23:45	2.20	-5.60	-1.20	-1.70	3.90
5/27/2013 0:00	-1.20	-1.70	2.10	-5.60	4.40
5/27/2013 0:15	-1.20	-1.70	2.10	-5.50	4.30
5/27/2013 0:30	-1.20	-1.70	2.20	-5.50	4.30
5/27/2013 0:45	-1.20	-1.70	2.10	-5.60	4.40
5/27/2013 1:00	-1.20	-1.70	2.10	-5.50	4.30
5/27/2013 1:15	2.10	-5.50	-1.20	-1.70	0.00
5/27/2013 1:30	2.10	-5.50	-1.20	-1.70	3.80
5/27/2013 1:45	2.10	-5.50	-1.20	-1.70	3.80
5/27/2013 2:00	-1.20	-1.70	2.10	-5.60	4.40
5/27/2013 2:15	2.10	-5.50	-1.20	-1.70	3.80
5/27/2013 2:30	-1.20	-1.70	2.00	-5.50	4.30
5/27/2013 2:45	2.10	-5.50	-1.20	-1.70	3.80
5/27/2013 3:00	-1.20	-1.70	2.10	-5.60	4.40
5/27/2013 3:15	-1.20	-1.70	1.80	-6.70	5.50
5/27/2013 3:30	1.40	-7.00	-1.20	-1.70	3.10
5/27/2013 3:45	-1.20	-1.70	1.10	-7.00	5.80
5/27/2013 4:00	-1.20	-1.70	1.00	-7.00	5.80
5/27/2013 4:15	-1.20	-1.70	0.80	-7.10	5.90
5/27/2013 4:30	-1.30	-1.70	0.60	-6.70	5.40
5/27/2013 4:45	0.70	-6.90	-1.30	-1.70	2.40
5/27/2013 5:00	-1.40	-1.80	-0.20	-1.60	0.20
5/27/2013 5:15	-1.50	-1.80	-0.10	-5.30	3.80
5/27/2013 5:30	-1.50	-1.80	0.10	-5.70	4.20
5/27/2013 5:45	0.40	-5.70	-1.50	-1.80	2.20
5/27/2013 6:00	0.60	-7.30	-1.50	-1.80	2.40
5/27/2013 6:15	0.70	-7.10	-1.40	-1.80	2.50
5/27/2013 6:30	-1.40	-1.80	0.30	-7.30	5.90
5/27/2013 6:45	0.40	-7.30	-1.40	-1.80	2.20
5/27/2013 7:00	-1.40	-1.80	0.30	-6.00	4.60
5/27/2013 7:15	-1.30	-1.80	0.30	-6.90	5.60
5/27/2013 7:30	0.30	-6.90	-1.30	-1.80	2.10
5/27/2013 7:45	0.60	-7.00	-1.30	-1.80	2.40
5/27/2013 8:00	-1.30	-1.80	0.50	-7.10	5.80
5/27/2013 8:15	0.60	-7.10	-1.30	-1.80	2.40
5/27/2013 8:30	-1.30	-1.80	0.50	-7.00	5.70



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(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/27/2013 8:45	-1.30	-1.70	0.60	-7.10	5.80
5/27/2013 9:00	-1.20	-1.70	0.70	-7.00	5.80
5/27/2013 9:15	1.10	-6.90	-1.20	-1.70	2.80
5/27/2013 9:30	-1.20	-1.70	1.40	-7.10	5.90
5/27/2013 9:45	-1.20	-1.70	1.60	-6.80	5.60
5/27/2013 10:00	-1.20	-1.70	1.80	-6.10	4.90
5/27/2013 10:15	-1.20	-1.70	1.80	-5.90	4.70
5/27/2013 10:30	-1.20	-1.70	1.90	-5.70	4.50
5/27/2013 10:45	1.90	-5.80	-1.20	-1.70	3.60
5/27/2013 11:00	2.00	-5.70	-1.20	-1.70	3.70
5/27/2013 11:15	-1.30	-1.70	2.00	-5.70	4.40
5/27/2013 11:30	-1.30	-1.70	2.10	-5.60	4.30
5/27/2013 11:45	2.00	-5.70	-1.30	-1.70	3.70
5/27/2013 12:00	2.10	-5.60	-1.30	-1.70	3.80
5/27/2013 12:15	-1.30	-1.70	2.10	-5.60	4.30
5/27/2013 12:30	-1.40	-1.70	2.00	-5.60	4.20
5/27/2013 12:45	2.10	-5.60	-1.40	-1.70	3.80
5/27/2013 13:00	-1.40	-1.70	2.10	-5.50	4.10
5/27/2013 13:15	2.30	-5.50	-1.40	-1.70	4.00
5/27/2013 13:30	2.10	-5.50	-1.40	-1.70	0.00
5/27/2013 13:45	-1.30	-1.70	2.10	-5.50	4.20
5/27/2013 14:00	2.20	-5.40	-1.30	-1.70	0.00
5/27/2013 14:15	-1.30	-1.70	2.10	-5.50	4.20
5/27/2013 14:30	2.10	-5.60	-1.30	-1.70	3.80
5/27/2013 14:45	2.00	-5.50	-1.30	-1.70	3.70
5/27/2013 15:00	-1.30	-1.70	2.10	-5.50	4.20
5/27/2013 15:15	-1.30	-1.70	2.10	-5.50	4.20
5/27/2013 15:30	-1.30	-1.70	2.10	-5.50	4.20
5/27/2013 15:45	-1.30	-1.70	2.10	-5.50	4.20
5/27/2013 16:00	-1.30	-1.70	2.10	-5.50	4.20
5/27/2013 16:15	-1.10	-1.70	2.10	-5.50	4.40
5/27/2013 16:30	-1.00	-1.70	2.10	-5.50	4.50
5/27/2013 16:45	-1.30	-1.70	2.20	-5.50	4.20
5/27/2013 17:00	-1.30	-1.70	2.20	-5.50	4.20
5/27/2013 17:15	-1.30	-1.70	2.10	-5.50	4.20
5/27/2013 17:30	-1.30	-1.70	2.10	-5.50	4.20
5/27/2013 17:45	-1.30	-1.70	2.10	-5.50	4.20
5/27/2013 18:00	-1.30	-1.70	2.10	-5.40	4.10
5/27/2013 18:15	-1.30	-1.70	2.20	-5.50	4.20
5/27/2013 18:30	-1.30	-1.70	2.10	-5.80	4.50
5/27/2013 18:45	2.10	-5.50	-1.30	-1.70	3.80
5/27/2013 19:00	2.10	-5.50	-1.30	-1.70	3.80
5/27/2013 19:15	-1.30	-1.70	2.20	-5.40	4.10
5/27/2013 19:30	-1.30	-1.70	2.10	-5.50	4.20
5/27/2013 19:45	2.10	-5.50	-1.30	-1.70	3.80
5/27/2013 20:00	2.10	-5.50	-1.30	-1.70	3.80
5/27/2013 20:15	2.10	-5.40	-1.30	-1.70	3.80
5/27/2013 20:30	-1.30	-1.70	2.10	-5.40	4.10
5/27/2013 20:45	-1.20	-1.70	2.10	-5.40	4.20
5/27/2013 21:00	2.10	-5.50	-1.20	-1.70	3.80
5/27/2013 21:15	-1.20	-1.70	2.20	-5.50	4.30
5/27/2013 21:30	-0.80	-1.70	2.10	-5.40	4.60
5/27/2013 21:45	2.10	-5.50	-1.20	-1.70	3.80
5/27/2013 22:00	-1.20	-1.70	2.10	-5.50	4.30
5/27/2013 22:15	-1.20	-1.70	2.10	-5.50	4.30
5/27/2013 22:30	2.10	-5.50	-1.20	-1.70	3.80
5/27/2013 22:45	2.00	-5.60	-1.20	-1.70	3.70
5/27/2013 23:00	-1.30	-1.70	1.90	-5.60	4.30
5/27/2013 23:15	2.10	-5.70	-1.30	-1.70	3.80
5/27/2013 23:30	-1.30	-1.70	2.00	-5.60	4.30
5/27/2013 23:45	-1.30	-1.70	1.90	-5.70	4.40
5/28/2013 0:00	1.70	-6.00	-1.30	-1.80	3.50
5/28/2013 0:15	0.70	-7.10	-1.60	-2.00	2.70
5/28/2013 0:30	-1.90	-2.20	1.20	632.10	0.00
5/28/2013 0:45	-1.60	-2.50	14.40	-7.50	5.90
5/28/2013 1:00	10.60	-3.70	-2.60	-3.00	13.60
5/28/2013 1:15	-3.00	-3.10	10.00	-4.30	1.30
5/28/2013 1:30	-3.00	-3.10	10.00	-5.00	2.00
5/28/2013 1:45	-3.10	-3.10	9.80	-6.40	3.30
5/28/2013 2:00	12.60	58.20	-3.10	-3.20	61.40
5/28/2013 2:15	10.60	37.70	-3.20	-3.30	41.00
5/28/2013 2:30	9.20	15.50	-3.10	-3.30	18.80
5/28/2013 2:45	-3.20	-3.30	7.90	11.50	0.00
5/28/2013 3:00	-3.20	-3.30	6.30	6.70	0.00
5/28/2013 3:15	-3.20	-3.30	5.60	5.00	0.00
5/28/2013 3:30	-3.20	-3.30	4.70	2.30	0.00
5/28/2013 3:45	-3.10	-3.20	3.00	2.30	0.00
5/28/2013 4:00	1.10	0.40	-3.10	-3.10	4.20
5/28/2013 4:15	0.80	-3.50	-3.10	-2.90	3.90
5/28/2013 4:30	-3.00	-2.80	0.80	-7.10	4.30
5/28/2013 4:45	-2.80	-2.60	1.10	-7.00	4.40
5/28/2013 5:00	-2.60	-2.50	1.30	-7.00	4.50
5/28/2013 5:15	-2.50	-2.30	1.50	-7.00	4.70
5/28/2013 5:30	1.60	-7.10	-2.40	-2.20	0.00
5/28/2013 5:45	-2.40	-2.10	1.50	-7.10	5.00
5/28/2013 6:00	-2.20	-2.00	1.60	-7.10	5.10
5/28/2013 6:15	1.80	-7.10	-2.10	-2.00	3.90
5/28/2013 6:30	-1.90	-1.90	1.90	-7.20	5.30
5/28/2013 6:45	1.80	-7.10	-1.90	-1.90	3.70



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/28/2013 7:00	1.80	-7.10	-1.80	-1.90	3.70
5/28/2013 7:15	1.70	-7.10	-1.70	-1.90	3.60
5/28/2013 7:30	-1.60	-1.90	1.70	-7.10	5.50
5/28/2013 7:45	-1.60	-1.90	1.60	-7.10	5.50
5/28/2013 8:00	1.60	-7.00	-1.50	-1.90	3.50
5/28/2013 8:15	-1.50	-1.90	1.70	-6.90	5.40
5/28/2013 8:30	1.70	-6.40	-1.40	-1.90	3.60
5/28/2013 8:45	2.00	-6.00	-1.40	-1.90	3.90
5/28/2013 9:00	-1.40	-1.90	1.80	-5.90	4.50
5/28/2013 9:15	2.10	-6.10	-1.40	-1.90	4.00
5/28/2013 9:30	2.10	-5.90	-1.40	-1.90	4.00
5/28/2013 9:45	-1.40	-1.90	2.00	-5.80	4.40
5/28/2013 10:00	-1.40	-1.90	1.90	-5.80	4.40
5/28/2013 10:15	2.10	-5.70	-1.50	-1.90	4.00
5/28/2013 10:30	2.10	-5.80	-1.50	-1.80	3.90
5/28/2013 10:45	1.90	-5.70	-1.50	-1.90	3.80
5/28/2013 11:00	-1.50	-1.90	2.00	-5.70	4.20
5/28/2013 11:15	-1.50	-1.90	2.30	-5.80	4.30
5/28/2013 11:30	-1.50	-1.90	2.10	-5.80	4.30
5/28/2013 11:45	-1.50	-1.80	2.10	-5.70	4.20
5/28/2013 12:00	2.00	-5.70	-1.50	-1.80	3.80
5/28/2013 12:15	2.10	-5.70	-1.50	-1.80	3.90
5/28/2013 12:30	-1.50	-1.90	2.10	-5.80	4.30
5/28/2013 12:45	2.10	-5.60	-1.50	-1.90	4.00
5/28/2013 13:00	-1.50	-1.90	2.10	-5.70	4.20
5/28/2013 13:15	-1.50	-1.90	2.00	-5.60	4.10
5/28/2013 13:30	-1.50	-1.90	1.90	-5.70	4.20
5/28/2013 13:45	-1.50	-1.90	2.20	-5.90	4.40
5/28/2013 14:00	2.00	-5.60	-1.50	-1.90	3.90
5/28/2013 14:15	2.00	-5.70	-1.50	-1.90	3.90
5/28/2013 14:30	-1.50	-1.90	2.00	-5.80	4.30
5/28/2013 14:45	-1.50	-1.90	2.20	-5.80	4.30
5/28/2013 15:00	2.20	-5.80	-1.50	-1.90	0.00
5/28/2013 15:15	-1.50	-1.90	2.10	-5.80	4.30
5/28/2013 15:30	2.00	-5.90	-1.50	-1.90	3.90
5/28/2013 15:45	2.10	-5.80	-1.50	-1.90	4.00
5/28/2013 16:00	2.20	-5.80	-1.50	-1.90	4.10
5/28/2013 16:15	2.10	-5.80	-1.50	-1.90	4.00
5/28/2013 16:30	2.10	-5.70	-1.50	-1.90	4.00
5/28/2013 16:45	2.20	-5.70	-1.50	-1.90	4.10
5/28/2013 17:00	-1.50	-1.90	2.00	-5.70	4.20
5/28/2013 17:15	2.00	-5.70	-1.50	-1.90	3.90
5/28/2013 17:30	2.00	-5.70	-1.50	-1.90	3.90
5/28/2013 17:45	-1.50	-1.80	2.10	-5.60	4.10
5/28/2013 18:00	-1.50	-1.80	2.10	-5.70	4.20
5/28/2013 18:15	2.00	-5.50	-1.50	-1.90	3.90
5/28/2013 18:30	2.10	-5.60	-1.50	-1.80	3.90
5/28/2013 18:45	2.00	-5.60	-1.50	-1.80	3.80
5/28/2013 19:00	2.20	-5.50	-1.50	-1.80	4.00
5/28/2013 19:15	2.10	-5.60	-1.50	-1.80	3.90
5/28/2013 19:30	2.00	-5.60	-1.40	-1.80	3.80
5/28/2013 19:45	-1.50	-1.80	2.00	-5.60	4.10
5/28/2013 20:00	-1.50	-1.80	0.50	-6.50	5.00
5/28/2013 20:15	0.50	-6.90	-1.60	-1.90	2.40
5/28/2013 20:30	0.70	-6.90	-1.60	-1.90	2.60
5/28/2013 20:45	0.60	-6.90	-1.60	-1.90	2.50
5/28/2013 21:00	-1.70	-2.10	0.30	-3.30	1.60
5/28/2013 21:15	0.40	-2.70	-2.80	-2.20	3.20
5/28/2013 21:30	24.00	-3.60	-0.30	29.60	24.30
5/28/2013 21:45	-0.10	26.10	-3.20	-3.60	29.70
5/28/2013 22:00	0.40	18.90	-3.20	-3.60	22.50
5/28/2013 22:15	-3.20	-3.60	0.30	12.80	0.00
5/28/2013 22:30	0.00	9.50	-3.20	-3.60	13.10
5/28/2013 22:45	-0.20	8.40	-3.20	-3.50	11.90
5/28/2013 23:00	-3.20	-3.50	-0.40	8.10	0.00
5/28/2013 23:15	-0.10	-7.20	-3.20	-3.60	3.50
5/28/2013 23:30	-3.20	-3.60	-0.20	-7.20	4.00
5/28/2013 23:45	-3.20	-3.60	-0.60	-7.40	4.20
5/29/2013 0:00	-3.20	-3.60	-0.20	-7.30	4.10
5/29/2013 0:15	-0.40	-7.50	-3.20	-3.60	3.20
5/29/2013 0:30	-0.50	-7.40	-3.30	-3.60	3.10
5/29/2013 0:45	-3.20	-3.60	-0.50	-7.40	4.20
5/29/2013 1:00	-3.20	-3.60	-0.50	-7.50	4.30
5/29/2013 1:15	-3.30	-3.60	-0.50	-7.40	4.10
5/29/2013 1:30	-0.40	-7.50	-3.30	-3.60	3.20
5/29/2013 1:45	-0.40	-7.40	-3.20	-3.50	3.10
5/29/2013 2:00	0.10	-7.30	-3.10	-3.50	3.60
5/29/2013 2:15	0.50	-7.30	-2.80	-3.30	3.80
5/29/2013 2:30	-2.60	-3.20	-0.20	-7.40	4.80
5/29/2013 2:45	-2.70	-3.20	6.60	-7.40	4.70
5/29/2013 3:00	13.10	-7.40	-2.80	-3.20	16.30
5/29/2013 3:15	-2.90	-3.20	13.80	-7.40	4.50
5/29/2013 3:30	12.70	-7.40	-2.90	-3.20	15.90
5/29/2013 3:45	12.40	-7.40	-2.90	-3.20	15.60
5/29/2013 4:00	12.00	-7.50	-2.70	-3.00	15.00
5/29/2013 4:15	11.70	-7.40	-2.50	-3.00	14.70
5/29/2013 4:30	10.90	-7.60	-2.50	-3.00	13.90
5/29/2013 4:45	10.40	-7.50	-2.30	-3.00	13.40
5/29/2013 5:00	-1.80	-2.60	9.70	-7.40	5.60



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/29/2013 5:15	-1.70	-2.30	6.50	1.00	0.00
5/29/2013 5:30	5.60	-0.30	2.00	3.60	3.60
5/29/2013 5:45	1.40	2.80	5.00	-0.80	3.60
5/29/2013 6:00	1.40	3.10	2.50	-0.40	3.50
5/29/2013 6:15	1.50	3.10	4.30	-1.10	4.20
5/29/2013 6:30	1.30	3.40	5.70	0.40	3.00
5/29/2013 6:45	3.80	-1.30	1.30	3.10	2.50
5/29/2013 7:00	0.80	3.00	2.00	-1.10	4.10
5/29/2013 7:15	0.60	2.90	1.70	0.50	2.40
5/29/2013 7:30	1.00	2.70	3.90	-1.30	4.00
5/29/2013 7:45	0.50	1.60	3.20	-3.40	5.00
5/29/2013 8:00	1.00	0.80	3.00	-2.90	3.90
5/29/2013 8:15	3.10	-2.40	0.80	1.70	2.30
5/29/2013 8:30	3.30	-2.50	0.70	3.00	2.60
5/29/2013 8:45	0.80	2.90	3.90	-2.80	5.70
5/29/2013 9:00	0.90	3.20	3.10	-2.50	5.70
5/29/2013 9:15	1.20	3.20	4.50	-3.30	6.50
5/29/2013 9:30	2.80	-2.10	1.30	2.90	1.50
5/29/2013 9:45	1.10	2.50	2.50	-2.80	5.30
5/29/2013 10:00	0.70	2.70	2.20	-2.30	5.00
5/29/2013 10:15	0.90	2.70	4.70	-1.10	3.80
5/29/2013 10:30	1.00	2.20	4.00	-0.90	3.10
5/29/2013 10:45	1.00	2.00	4.50	-0.70	2.70
5/29/2013 11:00	1.00	1.70	3.50	-1.70	3.40
5/29/2013 11:15	0.00	1.70	3.60	-2.10	3.80
5/29/2013 11:30	0.20	2.00	3.80	-2.50	4.50
5/29/2013 11:45	3.40	-2.00	0.70	2.00	2.70
5/29/2013 12:00	0.20	2.30	3.40	-1.00	3.30
5/29/2013 12:15	4.00	-2.70	-0.10	2.50	4.10
5/29/2013 12:30	0.40	2.50	4.40	25.50	0.00
5/29/2013 12:45	0.00	2.40	4.20	3.90	0.00
5/29/2013 13:00	-0.10	2.30	4.10	5.80	0.00
5/29/2013 13:15	0.20	2.30	2.90	8.70	0.00
5/29/2013 13:30	0.00	2.00	3.40	3.40	0.00
5/29/2013 13:45	3.30	-3.20	-0.40	1.80	3.70
5/29/2013 14:00	3.70	-3.00	0.50	1.80	3.20
5/29/2013 14:15	0.50	1.80	3.10	-3.10	4.90
5/29/2013 14:30	0.10	1.70	3.90	-3.30	5.00
5/29/2013 14:45	4.20	-4.00	-0.10	1.40	4.30
5/29/2013 15:00	0.50	1.40	4.40	-3.10	4.50
5/29/2013 15:15	0.90	1.40	7.10	-2.80	4.20
5/29/2013 15:30	1.00	1.50	3.50	-2.90	4.40
5/29/2013 15:45	1.10	1.60	8.50	-3.30	4.90
5/29/2013 16:00	1.80	1.40	7.70	-1.40	3.20
5/29/2013 16:15	8.00	-3.20	3.30	1.30	0.00
5/29/2013 16:30	4.30	1.40	6.10	-3.80	8.10
5/29/2013 16:45	2.90	1.20	7.80	-1.40	4.30
5/29/2013 17:00	0.90	0.60	6.80	-2.60	3.50
5/29/2013 17:15	1.30	0.90	5.20	-2.10	3.40
5/29/2013 17:30	1.70	1.30	7.10	-0.50	2.20
5/29/2013 17:45	1.40	1.50	4.50	-2.70	4.20
5/29/2013 18:00	0.60	1.30	5.00	-2.00	3.30
5/29/2013 18:15	0.50	2.30	4.80	-2.20	4.50
5/29/2013 18:30	0.80	2.20	2.90	-4.10	6.30
5/29/2013 18:45	0.40	1.80	3.10	-2.30	4.10
5/29/2013 19:00	0.60	2.00	3.00	-2.70	4.70
5/29/2013 19:15	0.70	2.00	3.50	-1.90	3.90
5/29/2013 19:30	0.80	1.90	4.70	14.70	0.00
5/29/2013 19:45	0.30	1.70	3.60	-3.30	5.00
5/29/2013 20:00	0.60	1.90	3.30	-1.70	3.60
5/29/2013 20:15	0.40	1.80	2.20	-2.90	4.70
5/29/2013 20:30	0.50	1.90	2.10	-2.70	4.60
5/29/2013 20:45	0.70	1.80	5.50	-2.50	4.30
5/29/2013 21:00	0.80	1.80	4.00	-2.90	4.70
5/29/2013 21:15	0.60	1.90	3.70	-3.00	4.90
5/29/2013 21:30	0.60	1.70	3.40	13.00	0.00
5/29/2013 21:45	0.50	1.70	6.00	8.10	0.00
5/29/2013 22:00	0.80	1.70	14.40	1.40	0.30
5/29/2013 22:15	2.40	1.60	8.20	-1.10	3.50
5/29/2013 22:30	1.60	1.40	11.20	5.20	0.00
5/29/2013 22:45	0.60	1.50	6.00	0.50	1.00
5/29/2013 23:00	0.30	1.60	6.20	-2.80	4.40
5/29/2013 23:15	0.40	1.60	2.50	-3.00	4.60
5/29/2013 23:30	1.00	1.60	4.30	-2.70	4.30
5/29/2013 23:45	0.90	1.60	2.90	-2.80	4.40
5/30/2013 0:00	0.40	1.50	4.30	-3.90	5.40
5/30/2013 0:15	0.40	1.50	15.00	8.80	0.00
5/30/2013 0:30	0.80	1.50	8.80	-1.20	2.70
5/30/2013 0:45	0.80	1.50	5.10	-3.90	5.40
5/30/2013 1:00	0.20	1.50	5.80	-1.90	3.40
5/30/2013 1:15	3.10	-3.00	0.40	1.50	2.70
5/30/2013 1:30	0.40	1.40	3.10	-3.00	4.40
5/30/2013 1:45	0.30	1.40	2.90	-3.10	4.50
5/30/2013 2:00	0.20	1.40	10.10	-3.30	4.70
5/30/2013 2:15	5.80	1.50	5.00	-1.50	7.30
5/30/2013 2:30	8.90	1.40	3.20	-3.50	12.40
5/30/2013 2:45	6.60	1.50	5.90	24.20	0.70
5/30/2013 3:00	3.20	1.40	9.70	13.50	0.00
5/30/2013 3:15	2.20	1.50	9.50	13.60	0.00



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(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/30/2013 3:30	2.80	1.90	9.50	18.50	0.00
5/30/2013 3:45	2.90	2.20	6.60	10.20	0.00
5/30/2013 4:00	2.10	2.20	8.20	6.90	0.00
5/30/2013 4:15	1.70	2.10	10.70	1.40	0.70
5/30/2013 4:30	0.70	1.80	10.60	-2.40	4.20
5/30/2013 4:45	0.70	1.60	9.50	-0.10	1.70
5/30/2013 5:00	0.00	1.30	8.30	-1.50	2.80
5/30/2013 5:15	0.60	1.10	5.70	-0.60	1.70
5/30/2013 5:30	7.10	-0.60	0.80	1.20	6.30
5/30/2013 5:45	7.30	-3.30	0.50	1.00	6.80
5/30/2013 6:00	17.80	12.70	0.80	0.90	17.00
5/30/2013 6:15	0.90	1.00	9.90	3.60	0.00
5/30/2013 6:30	0.80	1.10	8.30	-1.30	2.40
5/30/2013 6:45	0.70	2.10	6.00	-2.70	4.80
5/30/2013 7:00	0.60	1.70	14.30	-1.50	3.20
5/30/2013 7:15	1.30	3.70	7.10	-2.00	5.70
5/30/2013 7:30	0.40	3.30	7.10	-2.40	5.70
5/30/2013 7:45	0.80	2.80	5.90	-1.90	4.70
5/30/2013 8:00	0.60	1.90	4.70	-1.10	3.00
5/30/2013 8:15	1.30	1.20	4.00	-2.60	3.90
5/30/2013 8:30	1.60	0.70	4.60	-1.20	2.80
5/30/2013 8:45	1.60	0.70	5.00	1.30	0.30
5/30/2013 9:00	0.80	0.70	6.60	1.40	0.00
5/30/2013 9:15	0.90	1.40	5.80	1.80	0.00
5/30/2013 9:30	1.10	1.50	4.80	-0.50	2.00
5/30/2013 9:45	1.20	1.10	4.80	-1.90	3.10
5/30/2013 10:00	2.10	1.50	4.60	-3.10	5.20
5/30/2013 10:15	2.10	1.70	3.50	-3.50	5.60
5/30/2013 10:30	2.10	2.20	4.20	-2.60	4.80
5/30/2013 10:45	2.30	2.30	2.40	-2.00	4.30
5/30/2013 11:00	1.90	2.80	3.70	-0.80	3.60
5/30/2013 11:15	2.00	2.90	5.00	-2.80	5.70
5/30/2013 11:30	2.60	2.60	4.20	-1.30	3.90
5/30/2013 11:45	2.00	2.60	5.10	-1.30	3.90
5/30/2013 12:00	1.60	3.70	7.20	-1.50	5.20
5/30/2013 12:15	1.90	3.50	4.60	-3.10	6.60
5/30/2013 12:30	2.30	3.60	3.00	-4.20	7.80
5/30/2013 12:45	2.40	2.70	1.90	-3.30	6.00
5/30/2013 13:00	2.80	3.00	3.50	-1.00	4.00
5/30/2013 13:15	2.50	3.40	5.20	-0.10	3.50
5/30/2013 13:30	2.30	3.30	4.10	-1.30	4.60
5/30/2013 13:45	2.00	3.00	4.20	-3.20	6.20
5/30/2013 14:00	1.70	2.70	2.80	-2.00	4.70
5/30/2013 14:15	1.70	2.70	3.70	-2.10	4.80
5/30/2013 14:30	1.60	2.50	3.10	-2.80	5.30
5/30/2013 14:45	1.50	2.30	3.80	-3.00	5.30
5/30/2013 15:00	1.20	2.00	4.30	-2.30	4.30
5/30/2013 15:15	1.00	1.80	2.80	-3.40	5.20
5/30/2013 15:30	1.20	1.70	3.60	-3.20	4.90
5/30/2013 15:45	1.40	1.60	3.90	-2.60	4.20
5/30/2013 16:00	1.30	1.40	2.50	-1.60	3.00
5/30/2013 16:15	1.30	1.70	3.50	-3.20	4.90
5/30/2013 16:30	1.30	1.70	2.10	-3.00	4.70
5/30/2013 16:45	0.90	1.70	3.30	-3.10	4.80
5/30/2013 17:00	0.50	1.30	3.00	-2.90	4.20
5/30/2013 17:15	0.70	1.40	3.20	-2.70	4.10
5/30/2013 17:30	0.60	1.50	4.80	-3.40	4.90
5/30/2013 17:45	0.70	1.70	6.00	-1.90	3.60
5/30/2013 18:00	0.10	1.70	4.60	-1.90	3.60
5/30/2013 18:15	0.30	1.40	3.50	-3.00	4.40
5/30/2013 18:30	0.80	1.50	3.80	-1.60	3.10
5/30/2013 18:45	0.80	1.20	4.30	-4.00	5.20
5/30/2013 19:00	0.70	1.30	10.00	-1.70	3.00
5/30/2013 19:15	2.50	1.40	8.60	-3.00	5.50
5/30/2013 19:30	2.40	1.40	13.30	0.00	2.40
5/30/2013 19:45	1.50	0.90	24.30	5.00	0.00
5/30/2013 20:00	2.80	2.10	10.70	-1.20	4.00
5/30/2013 20:15	2.50	3.60	13.50	3.50	0.10
5/30/2013 20:30	3.10	3.30	14.40	12.00	0.00
5/30/2013 20:45	2.80	3.40	16.40	3.50	0.00
5/30/2013 21:00	3.50	2.80	16.40	2.70	0.80
5/30/2013 21:15	3.10	3.00	11.80	2.10	1.00
5/30/2013 21:30	11.60	1.60	3.80	3.30	8.30
5/30/2013 21:45	2.90	3.40	10.80	-2.00	5.40
5/30/2013 22:00	2.80	2.70	11.50	0.80	2.00
5/30/2013 22:15	3.00	2.80	10.20	-0.70	3.70
5/30/2013 22:30	4.00	2.50	7.30	0.90	3.10
5/30/2013 22:45	3.80	2.50	8.90	-2.50	6.30
5/30/2013 23:00	3.20	2.50	11.00	-1.20	4.40
5/30/2013 23:15	3.30	2.40	6.40	-0.60	3.90
5/30/2013 23:30	3.90	4.10	10.90	-2.10	6.20
5/30/2013 23:45	3.40	3.50	6.80	-1.80	5.30
5/31/2013 0:00	3.60	3.80	6.40	-3.00	6.80
5/31/2013 0:15	3.50	3.90	11.50	-2.60	6.50
5/31/2013 0:30	3.50	3.20	14.20	1.00	2.50
5/31/2013 0:45	3.30	2.20	8.90	-1.00	4.30
5/31/2013 1:00	2.70	2.30	4.30	-1.50	4.20
5/31/2013 1:15	2.40	2.40	6.30	-1.80	4.20
5/31/2013 1:30	2.60	2.50	5.50	-1.30	3.90



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
5/31/2013 1:45	9.40	-0.70	1.90	2.50	7.50
5/31/2013 2:00	1.10	2.50	4.30	-3.20	5.70
5/31/2013 2:15	0.60	1.80	6.00	-2.90	4.70
5/31/2013 2:30	1.00	2.00	7.50	-3.20	5.20
5/31/2013 2:45	1.10	2.00	15.30	10.20	0.00
5/31/2013 3:15	2.20	1.70	9.20	0.50	1.70
5/31/2013 3:30	1.50	1.60	8.10	-0.60	2.20
5/31/2013 3:45	1.50	1.50	6.20	-3.70	5.20
5/31/2013 4:00	2.80	1.40	4.80	-2.60	5.40
5/31/2013 4:15	2.40	1.40	4.40	-3.30	5.70
5/31/2013 4:30	5.80	-3.50	2.30	1.30	4.50
5/31/2013 4:45	1.90	1.20	6.30	-1.30	3.20
5/31/2013 5:00	1.60	1.20	5.70	13.80	0.00
5/31/2013 5:15	0.20	1.20	8.50	32.70	0.00
5/31/2013 5:30	0.90	1.30	9.80	4.30	0.00
5/31/2013 5:45	2.30	1.10	19.70	-3.20	5.50
5/31/2013 6:00	1.40	1.50	17.50	7.60	0.00
5/31/2013 6:15	4.30	1.30	6.80	13.30	0.00
5/31/2013 6:30	3.90	2.50	6.70	7.80	0.00
5/31/2013 6:45	3.70	2.20	9.20	0.90	2.80
5/31/2013 7:00	15.40	11.70	9.80	4.20	11.20
5/31/2013 7:15	5.80	3.00	13.50	3.30	2.50
5/31/2013 7:30	4.90	3.20	10.70	-1.80	6.70
5/31/2013 7:45	6.40	3.50	12.70	1.80	4.60
5/31/2013 8:00	5.60	3.60	9.60	-1.90	7.50
5/31/2013 8:15	5.60	3.10	7.70	1.60	4.00
5/31/2013 8:30	2.20	2.40	8.20	-2.10	4.50
5/31/2013 8:45	3.10	2.70	10.30	0.30	2.80
5/31/2013 9:00	3.30	3.20	10.20	2.90	0.40
5/31/2013 9:15	2.80	2.20	12.50	2.20	0.60
5/31/2013 9:30	2.50	2.70	6.40	-2.10	4.80
5/31/2013 9:45	2.70	3.30	5.80	-2.40	5.70
5/31/2013 10:00	2.10	3.40	7.50	-0.70	4.10
5/31/2013 10:15	2.50	3.30	4.10	-1.80	5.10
5/31/2013 10:30	2.90	2.70	5.20	-0.30	3.20
5/31/2013 10:45	1.40	2.00	7.00	-1.40	3.40
5/31/2013 11:00	2.10	1.90	5.80	-0.10	2.20
5/31/2013 11:15	2.30	1.70	4.90	-0.40	2.70
5/31/2013 11:30	2.30	1.50	3.60	-2.40	4.70
5/31/2013 11:45	31.70	6.30	5.80	-4.20	35.90
5/31/2013 12:00	8.80	2.00	8.70	-1.60	10.40
5/31/2013 12:15	1.60	1.80	11.20	7.20	0.00
5/31/2013 12:30	2.80	1.60	9.70	10.90	0.00
5/31/2013 12:45	4.70	2.50	13.50	4.50	0.20
5/31/2013 13:00	2.70	1.90	12.00	11.60	0.00
5/31/2013 13:15	3.00	1.70	28.00	-2.90	5.90
5/31/2013 13:30	1.80	1.60	28.10	-2.70	4.50
5/31/2013 13:45	2.10	1.70	6.20	1.50	0.60
6/1/2013 0:00	3.00	1.50	5.10	-1.60	4.60
6/1/2013 0:15	2.70	1.80	7.40	-2.20	4.90
6/1/2013 0:30	3.20	1.40	14.60	3.70	0.00
6/1/2013 0:45	11.10	2.80	3.30	1.50	9.60
6/1/2013 1:00	8.40	-3.00	2.90	1.00	7.40
6/1/2013 1:15	7.80	-2.20	3.10	0.90	6.90
6/1/2013 1:30	2.90	1.30	6.50	-2.10	5.00
6/1/2013 1:45	7.50	0.10	3.40	0.90	6.60
6/1/2013 2:00	5.60	-2.50	3.10	0.80	4.80
6/1/2013 2:15	3.30	1.20	6.50	-2.80	6.10
6/1/2013 2:30	5.00	-4.10	3.50	0.80	4.20
6/1/2013 2:45	5.50	-4.00	3.30	0.80	0.00
6/1/2013 3:00	3.30	0.60	4.50	-3.20	6.50
6/1/2013 3:15	2.30	0.60	13.00	-2.90	5.20
6/1/2013 3:30	1.40	0.40	9.90	-1.10	2.50
6/1/2013 3:45	2.40	0.50	6.10	-2.30	4.70
6/1/2013 4:00	2.00	0.50	11.40	-3.90	5.90
6/1/2013 4:15	1.80	0.20	12.30	0.30	1.50
6/1/2013 4:30	7.10	-3.00	1.50	0.40	6.70
6/1/2013 4:45	1.30	0.40	5.50	2.20	0.00
6/1/2013 5:00	7.60	-2.80	1.20	0.20	7.40
6/1/2013 5:15	0.70	0.50	15.20	-3.90	4.60
6/1/2013 5:30	-0.20	0.60	2.90	-0.70	1.30
6/1/2013 5:45	6.00	-2.80	0.10	0.40	5.90
6/1/2013 6:00	0.10	0.90	1.80	-3.20	4.10
6/1/2013 6:15	0.60	0.60	3.90	-4.00	4.60
6/1/2013 6:30	0.50	0.50	7.30	-4.30	4.80
6/1/2013 6:45	0.40	0.60	3.50	-4.30	4.90
6/1/2013 7:00	9.00	-4.90	0.50	0.70	8.50
6/1/2013 7:15	0.40	0.60	3.10	-4.40	5.00
6/1/2013 7:30	0.30	0.80	3.80	-4.00	4.80
6/1/2013 7:45	0.40	0.60	10.20	-3.60	4.20
6/1/2013 8:00	0.30	0.60	7.90	-2.60	3.20
6/1/2013 8:15	0.20	0.80	1.10	-3.30	4.10
6/1/2013 8:30	5.80	-2.30	0.50	0.60	5.30
6/1/2013 8:45	3.00	-3.40	-0.10	0.90	3.10
6/1/2013 9:00	-0.10	0.80	3.90	-3.90	4.70
6/1/2013 9:15	-0.40	1.30	0.90	-4.00	5.30
6/1/2013 9:30	-0.30	1.30	9.50	1.10	0.20
6/1/2013 9:45	2.80	-3.30	0.00	1.30	2.80
6/1/2013 10:00	0.70	2.00	3.00	-4.30	6.30



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4-2-13 to 8-2-13
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/1/2013 10:15	0.40	1.30	4.90	-3.30	4.60
6/1/2013 10:30	-0.10	1.10	3.00	-4.20	5.30
6/1/2013 10:45	3.30	0.90	4.00	-2.80	6.10
6/1/2013 11:00	5.90	-2.20	2.20	0.70	5.20
6/1/2013 11:15	1.00	0.80	5.00	1.20	0.00
6/1/2013 11:30	1.80	0.70	5.70	23.10	0.00
6/1/2013 11:45	18.70	-0.70	1.40	0.90	17.80
6/1/2013 12:00	1.70	0.90	7.90	-2.00	3.70
6/1/2013 12:15	7.50	-0.60	0.00	1.00	7.50
6/1/2013 12:30	2.10	-1.30	1.20	1.40	0.90
6/1/2013 12:45	0.30	0.70	2.70	-3.80	4.50
6/1/2013 13:00	-0.10	0.80	3.10	-4.30	5.10
6/1/2013 13:15	-0.10	1.00	4.30	-3.90	4.90
6/1/2013 13:30	-0.60	0.50	2.60	-4.10	4.60
6/1/2013 13:45	2.50	-4.90	-0.30	0.50	2.80
6/1/2013 14:00	-0.60	0.50	5.40	-5.10	5.60
6/1/2013 14:15	0.50	0.10	8.70	-1.20	1.70
6/1/2013 14:30	1.90	0.10	9.60	-3.40	5.30
6/1/2013 14:45	2.60	0.00	9.00	6.00	0.00
6/1/2013 15:00	2.20	-0.10	6.30	-1.10	3.30
6/1/2013 15:15	2.00	-0.20	8.90	0.00	2.00
6/1/2013 15:30	1.60	0.00	4.70	-2.70	4.30
6/1/2013 15:45	0.10	0.00	5.20	-3.70	3.80
6/1/2013 16:00	-0.30	0.20	4.10	-3.30	3.50
6/1/2013 16:15	1.70	0.00	3.70	-4.80	6.50
6/1/2013 16:30	4.10	-3.10	-0.10	0.00	4.20
6/1/2013 16:45	4.30	-3.40	-0.50	0.30	4.80
6/1/2013 17:00	0.60	0.10	19.90	19.90	0.00
6/1/2013 17:15	-0.40	-0.10	18.30	12.50	0.00
6/1/2013 17:30	-0.10	0.30	15.80	8.10	0.00
6/1/2013 17:45	2.30	0.20	11.00	10.60	0.00
6/1/2013 18:00	2.30	0.10	12.30	9.70	0.00
6/1/2013 18:15	1.90	0.40	8.80	5.00	0.00
6/1/2013 18:30	2.00	0.30	8.50	2.30	0.00
6/1/2013 18:45	0.70	0.50	7.50	6.60	0.00
6/1/2013 19:00	0.90	0.60	11.40	-4.10	5.00
6/1/2013 19:15	0.60	0.30	4.20	-5.20	5.80
6/1/2013 19:30	1.60	0.50	11.10	-2.00	3.60
6/1/2013 19:45	-0.10	0.40	8.40	-1.40	1.80
6/1/2013 20:00	8.30	-2.40	1.10	0.40	7.90
6/1/2013 20:15	2.10	0.40	5.30	-2.40	4.50
6/1/2013 20:30	0.40	0.30	2.80	-2.40	2.80
6/1/2013 20:45	8.40	-2.00	1.20	0.20	8.20
6/1/2013 21:00	10.70	-1.30	2.50	0.10	10.60
6/1/2013 21:15	1.00	0.00	9.80	-3.90	4.90
6/1/2013 21:30	1.10	0.00	10.10	-3.60	4.70
6/1/2013 21:45	16.20	23.20	2.30	0.10	23.10
6/1/2013 22:00	0.80	0.20	26.00	-2.70	3.50
6/1/2013 22:15	0.70	0.30	27.50	1.80	0.00
6/1/2013 22:30	-0.50	0.30	15.40	9.70	0.00
6/1/2013 22:45	0.20	0.40	21.70	5.10	0.00
6/1/2013 23:00	0.20	0.00	16.60	9.70	0.00
6/1/2013 23:15	1.20	-0.10	14.00	9.10	0.00
6/1/2013 23:30	1.50	-0.40	15.30	8.10	0.00
6/1/2013 23:45	1.30	-0.30	12.90	4.60	0.00
6/2/2013 0:00	4.20	-0.50	10.50	2.70	1.50
6/2/2013 0:15	2.10	-0.30	12.20	3.60	0.00
6/2/2013 0:30	3.20	-0.30	13.40	2.20	1.00
6/2/2013 0:45	18.70	9.70	1.80	-0.20	18.90
6/2/2013 1:00	13.00	10.90	-0.70	-0.30	13.70
6/2/2013 1:15	2.00	-0.30	13.20	0.40	1.60
6/2/2013 1:30	0.10	0.00	33.90	-1.90	2.00
6/2/2013 1:45	26.00	7.00	3.20	0.10	25.90
6/2/2013 2:00	1.20	0.30	32.40	-1.70	2.90
6/2/2013 2:15	16.90	-3.50	-0.70	-0.10	17.60
6/2/2013 2:30	-0.20	-0.40	14.90	3.70	0.00
6/2/2013 2:45	0.60	-0.30	17.50	7.80	0.00
6/2/2013 3:15	0.10	-0.40	23.00	8.20	0.00
6/2/2013 3:30	0.50	-0.10	22.90	7.60	0.00
6/2/2013 3:45	20.50	3.30	1.80	0.10	20.40
6/2/2013 4:00	1.00	-0.20	19.60	5.30	0.00
6/2/2013 4:15	0.90	-0.10	8.80	3.10	0.00
6/2/2013 4:30	2.00	-0.20	16.90	9.00	0.00
6/2/2013 4:45	3.60	-0.50	14.50	30.60	0.00
6/2/2013 5:00	4.50	3.50	2.50	-0.90	5.40
6/2/2013 5:15	0.70	0.20	11.90	36.10	0.00
6/2/2013 5:30	3.00	-0.90	5.30	23.90	0.00
6/2/2013 5:45	3.60	-1.10	41.50	23.50	0.00
6/2/2013 6:00	0.70	-1.00	38.00	34.10	0.00
6/2/2013 6:15	4.20	-0.80	11.10	27.40	0.00
6/2/2013 6:30	1.60	-0.80	11.40	22.00	0.00
6/2/2013 6:45	4.20	-0.10	12.60	5.50	0.00
6/2/2013 7:00	9.10	0.00	13.60	11.70	0.00
6/2/2013 7:15	5.30	-0.10	11.80	9.10	0.00
6/2/2013 7:30	8.10	0.10	22.50	8.20	0.00
6/2/2013 7:45	3.20	-0.20	12.80	8.90	0.00
6/2/2013 8:00	3.10	0.00	6.00	10.00	0.00
6/2/2013 8:15	6.30	7.10	7.10	7.40	0.00
6/2/2013 8:30	-2.70	-3.50	7.20	-7.00	4.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/2/2013 8:45	-1.60	-7.60	-2.30	-2.70	1.10
6/2/2013 9:00	-0.30	-7.30	-1.80	-2.50	2.20
6/2/2013 9:15	-1.80	-2.60	1.90	-7.10	5.30
6/2/2013 9:30	8.80	3.30	-2.00	-2.60	11.40
6/2/2013 9:45	6.30	4.40	3.80	7.90	2.50
6/2/2013 10:00	5.80	3.90	3.60	7.20	2.20
6/2/2013 10:15	6.90	1.10	3.50	7.20	3.40
6/2/2013 10:30	9.80	1.00	3.30	8.40	6.50
6/2/2013 10:45	6.30	1.30	9.20	10.20	0.00
6/2/2013 11:00	6.90	6.10	3.00	8.10	3.90
6/2/2013 11:15	5.40	0.00	2.10	6.40	3.30
6/2/2013 11:30	5.70	0.70	2.40	6.60	3.30
6/2/2013 11:45	2.00	8.80	6.10	1.40	7.40
6/2/2013 12:00	7.30	1.50	2.20	6.80	5.10
6/2/2013 12:15	6.10	-1.50	1.40	5.50	4.70
6/2/2013 12:30	5.70	1.30	2.70	5.40	3.00
6/2/2013 12:45	7.30	4.30	4.60	5.60	2.70
6/2/2013 13:00	4.40	7.70	6.70	0.70	7.00
6/2/2013 13:15	7.20	1.20	2.90	6.90	4.30
6/2/2013 13:30	8.40	1.90	5.50	6.90	2.90
6/2/2013 13:45	8.00	9.00	8.80	8.30	0.70
6/2/2013 14:00	7.90	4.40	12.00	8.50	0.00
6/2/2013 14:15	6.50	2.20	40.90	8.00	0.00
6/2/2013 14:30	6.70	2.80	26.80	12.60	0.00
6/2/2013 14:45	5.70	63.70	18.10	28.30	45.60
6/2/2013 15:00	6.20	11.80	11.00	10.30	1.50
6/2/2013 15:15	7.20	7.60	20.10	9.80	0.00
6/2/2013 15:30	12.10	14.90	7.10	3.40	11.50
6/2/2013 15:45	7.30	42.80	4.00	7.00	38.80
6/2/2013 16:00	10.50	63.30	5.40	7.50	57.90
6/2/2013 16:15	16.30	26.40	16.80	17.10	9.60
6/2/2013 16:30	16.10	11.30	18.30	14.20	1.90
6/2/2013 16:45	11.90	10.80	17.60	14.30	0.00
6/2/2013 17:00	9.90	77.10	20.80	19.10	58.00
6/2/2013 17:15	10.20	33.30	33.00	17.30	16.00
6/2/2013 17:30	9.40	42.30	21.50	15.40	26.90
6/2/2013 17:45	10.90	20.90	26.50	13.60	7.30
6/2/2013 18:00	10.40	27.10	27.00	11.30	15.80
6/2/2013 18:15	10.70	5.60	10.60	13.50	0.10
6/2/2013 18:30	10.50	21.50	17.60	11.90	9.60
6/2/2013 18:45	12.40	16.50	5.50	9.60	11.00
6/2/2013 19:00	11.10	17.20	8.00	8.10	9.20
6/2/2013 19:15	12.70	6.30	10.80	7.00	5.70
6/2/2013 19:30	13.40	13.20	18.70	8.60	4.80
6/2/2013 19:45	13.80	12.90	11.50	8.70	5.10
6/2/2013 20:00	15.50	3.80	6.90	7.30	8.60
6/2/2013 20:15	14.20	4.10	13.00	6.50	7.70
6/2/2013 20:30	12.70	9.30	9.10	6.90	5.80
6/2/2013 20:45	15.50	8.20	17.00	7.80	7.70
6/2/2013 21:00	9.60	6.70	19.90	7.40	2.20
6/2/2013 21:15	14.10	6.60	13.90	6.50	7.60
6/2/2013 21:30	10.00	7.70	9.80	6.90	3.10
6/2/2013 21:45	10.30	25.40	9.60	8.50	16.90
6/2/2013 22:00	10.10	25.20	16.50	7.50	17.70
6/2/2013 22:15	6.40	9.30	16.60	13.70	0.00
6/2/2013 22:30	17.30	11.90	11.80	17.50	5.50
6/2/2013 22:45	11.10	40.20	15.40	10.20	30.00
6/2/2013 23:00	9.20	34.70	15.80	9.00	25.70
6/2/2013 23:15	10.00	36.30	18.40	7.60	28.70
6/2/2013 23:30	8.20	31.80	16.80	7.00	24.80
6/2/2013 23:45	9.30	27.00	14.60	8.20	18.80
6/3/2013 0:00	9.00	15.30	12.40	7.30	8.00
6/3/2013 0:15	9.50	9.20	15.60	17.50	0.00
6/3/2013 0:30	9.60	20.10	10.30	10.30	9.80
6/3/2013 0:45	9.30	22.60	8.80	8.30	14.30
6/3/2013 1:00	12.00	15.60	13.40	8.00	7.60
6/3/2013 1:15	18.70	13.90	15.70	14.90	3.80
6/3/2013 1:30	14.10	11.70	16.40	9.40	4.70
6/3/2013 1:45	11.80	12.90	12.60	11.00	1.90
6/3/2013 2:00	13.00	17.80	22.90	27.70	0.00
6/3/2013 2:15	16.70	18.30	18.10	23.40	0.20
6/3/2013 2:30	15.30	15.90	19.30	19.10	0.00
6/3/2013 2:45	14.50	11.90	20.40	12.00	2.50
6/3/2013 3:00	19.70	12.70	23.30	13.40	6.30
6/3/2013 3:15	17.60	7.50	21.20	8.40	9.20
6/3/2013 3:30	36.30	9.40	22.10	7.70	28.60
6/3/2013 3:45	11.80	3.60	13.40	7.70	4.10
6/3/2013 4:00	15.10	22.10	12.90	7.70	14.40
6/3/2013 4:15	17.20	8.50	15.70	7.10	10.10
6/3/2013 4:30	21.30	12.10	23.80	6.80	14.50
6/3/2013 4:45	11.50	18.70	17.10	6.20	12.50
6/3/2013 5:00	12.80	15.10	18.00	13.40	1.70
6/3/2013 5:15	21.60	15.70	15.30	8.70	12.90
6/3/2013 5:30	16.90	13.00	12.10	7.80	0.00
6/3/2013 5:45	15.00	14.70	15.80	9.40	5.60
6/3/2013 6:00	34.50	60.10	14.90	7.20	52.90
6/3/2013 6:15	27.30	50.80	15.60	16.90	35.20
6/3/2013 6:30	13.20	49.40	16.50	14.70	34.70
6/3/2013 6:45	15.20	37.60	16.00	11.70	25.90



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/3/2013 7:00	12.90	16.40	33.70	100.50	0.00
6/3/2013 7:15	16.30	12.50	32.60	58.40	0.00
6/3/2013 7:30	17.30	10.60	23.50	54.20	0.00
6/3/2013 7:45	11.20	14.90	18.60	49.80	0.00
6/3/2013 8:00	15.60	16.20	23.90	51.90	0.00
6/3/2013 8:15	15.00	11.70	19.00	47.80	0.00
6/3/2013 8:30	14.40	23.30	11.70	35.50	11.60
6/3/2013 8:45	8.00	36.20	16.00	28.40	20.20
6/3/2013 9:00	33.40	13.00	15.20	28.80	18.20
6/3/2013 9:15	12.40	13.60	23.20	32.00	0.00
6/3/2013 9:30	25.70	35.30	10.90	17.20	24.40
6/3/2013 9:45	10.90	8.70	20.90	36.30	0.00
6/3/2013 10:00	11.00	11.00	23.00	34.10	0.00
6/3/2013 10:15	14.30	19.20	17.60	28.40	1.60
6/3/2013 10:30	11.60	9.00	11.60	29.10	0.00
6/3/2013 10:45	75.90	102.10	14.00	27.10	88.10
6/3/2013 11:00	14.40	28.70	85.90	110.70	0.00
6/3/2013 11:15	12.60	26.00	15.80	14.00	12.00
6/3/2013 11:30	15.40	26.70	10.60	4.30	22.40
6/3/2013 11:45	16.30	37.20	11.20	18.50	26.00
6/3/2013 12:00	33.30	34.10	5.50	2.90	0.00
6/3/2013 12:15	5.70	2.60	43.60	41.70	0.00
6/3/2013 12:30	6.00	2.50	70.50	33.40	0.00
6/3/2013 12:45	6.00	2.40	34.80	67.30	0.00
6/3/2013 13:00	22.60	49.40	5.70	3.70	45.70
6/3/2013 13:15	42.20	43.70	0.30	3.70	43.40
6/3/2013 13:30	36.90	30.40	0.30	3.30	36.60
6/3/2013 13:45	8.70	0.60	-0.80	3.80	9.50
6/3/2013 14:00	1.40	3.40	24.10	4.10	0.00
6/3/2013 14:15	4.00	3.30	16.50	14.20	0.00
6/3/2013 14:30	4.40	2.90	35.10	24.30	0.00
6/3/2013 14:45	30.90	23.10	9.10	2.40	28.50
6/3/2013 15:00	29.30	20.10	5.80	3.10	26.20
6/3/2013 15:15	24.00	5.90	5.40	3.00	21.00
6/3/2013 15:30	24.40	2.40	1.20	2.70	23.20
6/3/2013 15:45	31.80	6.30	2.10	2.70	29.70
6/3/2013 16:00	1.80	2.60	32.20	31.90	0.00
6/3/2013 16:15	1.70	2.70	21.80	19.10	0.00
6/3/2013 16:30	33.40	3.30	3.60	2.50	30.90
6/3/2013 16:45	15.50	2.10	23.20	-0.50	16.00
6/3/2013 17:00	10.20	2.90	14.50	16.40	0.00
6/3/2013 17:15	59.20	65.60	15.50	8.90	56.70
6/3/2013 17:30	36.10	36.90	10.10	19.30	26.80
6/3/2013 17:45	10.20	11.90	32.80	33.30	0.00
6/3/2013 18:00	8.70	13.10	35.80	39.40	0.00
6/3/2013 18:15	7.90	14.20	30.80	15.10	0.00
6/3/2013 18:30	6.80	11.50	34.50	14.60	0.00
6/3/2013 18:45	6.20	10.00	26.40	5.80	4.20
6/3/2013 19:00	6.40	9.60	24.90	4.30	5.30
6/3/2013 19:15	5.10	9.00	23.70	7.30	1.70
6/3/2013 19:30	4.50	7.80	18.20	3.30	4.50
6/3/2013 19:45	4.10	7.80	25.00	2.90	4.90
6/3/2013 20:00	3.70	7.90	15.20	3.60	4.30
6/3/2013 20:15	4.00	6.70	13.80	4.80	1.90
6/3/2013 20:30	4.00	6.30	12.90	0.60	5.70
6/3/2013 20:45	3.60	2.70	14.70	2.90	0.70
6/3/2013 21:00	13.60	0.20	3.00	3.10	10.60
6/3/2013 21:15	15.10	-0.70	2.60	3.80	12.50
6/3/2013 21:30	17.00	-0.90	1.80	3.60	15.20
6/3/2013 21:45	7.60	0.00	0.50	4.80	7.10
6/3/2013 22:00	11.10	-0.80	0.40	5.00	10.70
6/3/2013 22:15	8.20	1.10	2.50	5.10	5.70
6/3/2013 22:30	10.30	-2.40	1.90	3.90	8.40
6/3/2013 22:45	6.20	-3.20	-0.10	3.10	6.30
6/3/2013 23:00	3.50	-3.10	0.30	3.60	3.20
6/3/2013 23:15	5.70	-1.70	0.40	2.80	5.30
6/3/2013 23:30	3.00	-3.80	0.50	2.00	2.50
6/3/2013 23:45	-0.20	2.80	2.70	-1.50	4.30
6/4/2013 0:00	-0.40	3.40	1.30	-3.30	6.70
6/4/2013 0:15	1.70	-0.40	-0.20	2.60	1.90
6/4/2013 0:30	1.60	-0.50	-0.30	2.60	1.90
6/4/2013 0:45	-0.30	2.20	9.90	-2.80	5.00
6/4/2013 1:00	1.10	-4.10	-0.10	2.00	1.20
6/4/2013 1:15	0.80	-3.40	-0.70	1.70	1.50
6/4/2013 1:30	0.90	-4.70	-0.60	1.50	1.50
6/4/2013 1:45	-0.80	1.40	2.40	-4.70	6.10
6/4/2013 2:00	0.80	-4.20	-0.70	0.90	1.50
6/4/2013 2:15	0.70	-3.70	-1.00	0.80	1.70
6/4/2013 2:30	1.20	-4.50	-1.00	1.30	2.20
6/4/2013 2:45	4.00	-0.10	-1.10	0.90	5.10
6/4/2013 3:00	-1.20	0.70	0.20	-3.90	4.60
6/4/2013 3:15	-1.10	0.90	0.20	-4.50	5.40
6/4/2013 3:30	0.50	-3.10	-1.10	0.20	1.60
6/4/2013 3:45	0.10	-4.00	-0.80	0.10	0.90
6/4/2013 4:00	0.40	-3.80	-1.10	0.30	1.50
6/4/2013 4:15	3.10	-4.60	-1.20	0.10	4.30
6/4/2013 4:30	-1.40	0.20	0.20	-4.80	5.00
6/4/2013 4:45	-1.40	-0.20	0.30	-5.00	4.80
6/4/2013 5:00	0.10	-5.00	-1.70	-0.10	1.80



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/4/2013 5:15	0.50	-4.80	-1.70	-0.20	2.20
6/4/2013 5:30	1.80	0.20	-1.50	-0.50	3.30
6/4/2013 5:45	3.20	-4.00	-1.10	-0.40	4.30
6/4/2013 6:00	-1.40	0.00	1.40	-4.40	4.40
6/4/2013 6:15	0.20	-4.50	-1.50	-0.40	0.00
6/4/2013 6:30	1.20	-3.50	-1.50	-0.50	2.70
6/4/2013 6:45	3.80	-5.20	-1.20	-0.40	5.00
6/4/2013 7:00	1.60	-5.10	-1.30	-0.40	2.90
6/4/2013 7:15	-1.30	-1.10	0.00	-5.40	4.30
6/4/2013 7:30	-0.50	-5.40	-1.10	-1.00	0.60
6/4/2013 7:45	-0.10	-1.00	0.00	-6.00	5.90
6/4/2013 8:00	0.30	-2.60	0.50	-0.70	1.00
6/4/2013 8:15	1.50	-5.30	-0.40	-0.90	2.40
6/4/2013 8:30	-0.40	-0.70	0.60	-4.40	4.00
6/4/2013 8:45	1.50	-5.50	0.20	-0.70	2.20
6/4/2013 9:00	0.10	-0.70	0.30	-4.10	4.20
6/4/2013 9:15	1.50	-4.00	-0.50	-0.80	2.30
6/4/2013 9:30	0.40	-0.80	-0.90	-0.90	1.30
6/4/2013 9:45	0.60	-5.40	-0.40	-0.90	1.50
6/4/2013 10:00	0.70	-2.30	-0.70	-1.20	1.90
6/4/2013 10:15	1.90	-5.70	-0.70	-1.30	3.20
6/4/2013 10:30	-0.90	-1.10	1.30	-5.70	4.80
6/4/2013 10:45	2.50	-4.90	-0.60	-1.20	3.70
6/4/2013 11:00	0.50	-5.80	-0.20	-1.10	1.60
6/4/2013 11:15	-0.30	-5.40	-0.30	-1.20	0.90
6/4/2013 11:30	-0.20	-5.40	-0.40	-0.70	0.50
6/4/2013 11:45	0.70	-5.60	-0.60	-0.60	1.30
6/4/2013 12:00	-0.80	-0.90	0.20	-4.60	3.80
6/4/2013 12:15	-0.90	-0.80	0.20	-5.00	4.20
6/4/2013 12:30	1.50	-5.10	-0.90	-0.90	2.40
6/4/2013 12:45	1.60	-5.80	-1.00	-0.90	2.60
6/4/2013 13:00	-1.10	-0.60	7.80	3.10	0.00
6/4/2013 13:15	-1.60	-0.30	4.40	2.00	0.00
6/4/2013 13:30	9.00	3.60	-1.90	-0.80	10.90
6/4/2013 13:45	-1.30	-0.80	8.00	3.80	0.00
6/4/2013 14:00	6.50	2.10	1.20	-0.50	7.00
6/4/2013 14:15	8.30	-2.90	1.90	-0.40	8.70
6/4/2013 14:30	1.40	-0.70	3.20	-2.80	4.20
6/4/2013 14:45	-0.40	-0.80	2.60	-1.00	0.60
6/4/2013 15:00	2.70	-2.50	1.30	-0.70	3.40
6/4/2013 15:15	1.60	-2.50	1.20	-0.40	2.00
6/4/2013 15:30	2.30	-1.50	1.10	-0.90	3.20
6/4/2013 15:45	2.60	-2.80	0.20	-0.80	3.40
6/4/2013 16:00	2.20	-4.00	0.30	-0.80	3.00
6/4/2013 16:15	3.20	-5.00	0.50	-0.90	4.10
6/4/2013 16:30	6.60	-3.10	2.50	-0.60	7.20
6/4/2013 16:45	1.40	-3.50	3.80	-0.50	1.90
6/4/2013 17:00	1.10	-2.30	2.70	-0.80	1.90
6/4/2013 17:15	4.80	-2.90	1.40	-0.40	5.20
6/4/2013 17:30	1.10	-3.80	0.30	-0.50	1.60
6/4/2013 17:45	1.00	-3.50	0.20	-0.50	1.50
6/4/2013 18:00	1.70	-3.30	0.60	-0.70	2.40
6/4/2013 18:15	0.70	-1.60	0.50	-0.50	0.00
6/4/2013 18:30	0.50	-0.80	1.00	-2.60	3.10
6/4/2013 18:45	1.80	-2.80	-0.60	-1.00	2.80
6/4/2013 19:00	1.40	-3.80	0.40	-0.90	0.00
6/4/2013 19:15	1.40	-4.50	0.70	-0.90	2.30
6/4/2013 19:30	1.20	-1.90	0.60	-1.30	2.50
6/4/2013 19:45	0.60	-1.10	1.60	-3.50	4.10
6/4/2013 20:00	1.80	-3.10	0.50	-1.00	2.80
6/4/2013 20:15	0.40	-1.00	1.30	-2.30	2.70
6/4/2013 20:30	0.40	-4.30	0.10	-0.80	1.20
6/4/2013 20:45	1.70	-4.50	-0.70	-0.30	2.40
6/4/2013 21:00	1.30	-3.40	-0.80	-0.60	2.10
6/4/2013 21:15	0.50	-4.20	-0.40	-0.30	0.90
6/4/2013 21:30	1.50	-4.80	-0.60	0.50	2.10
6/4/2013 21:45	-0.70	0.20	1.80	-5.20	5.40
6/4/2013 22:00	1.90	-5.00	-0.50	0.10	2.40
6/4/2013 22:15	0.60	-5.50	-0.50	0.10	1.10
6/4/2013 22:30	2.00	-4.90	-0.20	-0.20	2.20
6/4/2013 22:45	-0.20	-0.10	2.00	-5.00	4.90
6/4/2013 23:00	0.30	-4.30	-0.50	-0.40	0.80
6/4/2013 23:15	1.00	-5.10	-0.40	-0.50	1.50
6/4/2013 23:30	0.00	-5.50	0.10	-0.50	0.50
6/4/2013 23:45	0.50	-5.20	0.00	-0.70	1.20
6/5/2013 0:00	1.40	-5.30	-0.30	-0.80	2.20
6/5/2013 0:15	0.60	-4.60	-1.20	-0.60	1.80
6/5/2013 0:30	1.60	-4.40	-1.30	-0.80	2.90
6/5/2013 0:45	1.00	-5.00	-1.40	-0.60	2.40
6/5/2013 1:00	1.50	-4.60	-1.10	-0.60	2.60
6/5/2013 1:15	1.40	-4.50	-1.10	-0.70	2.50
6/5/2013 1:30	1.90	-4.80	-0.40	-0.70	2.60
6/5/2013 1:45	1.40	-4.40	-0.90	-0.70	2.30
6/5/2013 2:00	-0.10	-5.30	-1.10	-0.50	1.00
6/5/2013 2:15	0.90	-5.40	-1.30	-0.50	2.20
6/5/2013 2:30	0.90	-4.90	-1.30	-0.60	0.00
6/5/2013 2:45	0.90	-5.20	-1.30	-0.50	2.20
6/5/2013 3:00	3.80	-4.10	-1.40	-0.40	5.20
6/5/2013 3:15	2.60	-1.60	-1.30	-0.40	3.90



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/5/2013 3:30	3.60	-2.20	-1.00	-0.50	4.60
6/5/2013 3:45	4.10	-2.10	-1.50	-0.30	5.60
6/5/2013 4:00	3.50	-2.80	-1.50	-0.20	5.00
6/5/2013 4:15	2.70	-2.10	-1.50	-0.30	4.20
6/5/2013 4:30	2.80	-3.80	-1.50	-0.50	4.30
6/5/2013 4:45	1.90	-3.80	-0.90	-0.30	2.80
6/5/2013 5:00	2.10	-4.60	1.20	-0.50	2.60
6/5/2013 5:15	1.40	-4.90	0.70	-0.30	1.70
6/5/2013 5:30	2.40	-4.50	0.30	-0.40	0.00
6/5/2013 5:45	1.90	-3.90	-0.30	-0.30	2.20
6/5/2013 6:00	1.50	-5.00	-0.60	-0.30	2.10
6/5/2013 6:15	0.70	-4.30	-0.80	-0.20	1.50
6/5/2013 6:30	0.30	-0.70	1.20	-4.70	5.00
6/5/2013 6:45	0.30	-0.90	-0.40	-4.90	5.20
6/5/2013 7:00	0.70	-4.60	0.10	-0.50	1.20
6/5/2013 7:15	0.60	-3.80	0.70	-0.80	1.40
6/5/2013 7:30	1.80	-4.70	0.30	-1.20	3.00
6/5/2013 7:45	1.40	-4.30	-1.50	-0.30	2.90
6/5/2013 8:00	2.50	-3.50	-1.50	-0.20	4.00
6/5/2013 8:15	-0.90	-0.40	3.40	-4.40	4.00
6/5/2013 8:30	-0.70	-0.90	2.70	-5.20	4.50
6/5/2013 8:45	-1.00	-0.90	1.00	-3.50	2.60
6/5/2013 9:00	-1.30	-0.60	1.20	-5.60	5.00
6/5/2013 9:15	-1.20	-1.20	0.90	-5.60	4.40
6/5/2013 9:30	-1.30	-1.20	0.80	-5.40	4.20
6/5/2013 9:45	-1.40	-0.80	0.40	-5.00	4.20
6/5/2013 10:00	-1.50	-0.70	0.00	-4.60	3.90
6/5/2013 10:15	-1.40	-0.60	1.60	-5.30	4.70
6/5/2013 10:30	-0.10	-5.50	-1.60	-0.10	1.50
6/5/2013 10:45	-1.40	-0.10	-0.30	-3.10	3.00
6/5/2013 11:00	-0.10	-3.60	-1.30	-0.10	1.20
6/5/2013 11:15	-1.40	-0.30	0.00	-5.00	4.70
6/5/2013 11:30	-1.40	-0.70	2.00	-5.60	4.90
6/5/2013 11:45	-1.40	0.40	3.00	-5.60	6.00
6/5/2013 12:00	-1.20	-0.70	1.80	-4.80	4.10
6/5/2013 12:15	1.40	-4.40	0.30	-1.00	2.40
6/5/2013 12:30	-0.80	-0.70	0.10	-3.70	3.00
6/5/2013 12:45	7.30	6.40	-0.40	-0.80	8.10
6/5/2013 13:00	8.00	12.00	0.50	-1.40	13.40
6/5/2013 13:15	-0.20	-0.40	6.20	8.30	0.00
6/5/2013 13:30	7.90	5.40	3.00	-0.30	8.20
6/5/2013 13:45	4.20	0.10	3.10	1.40	2.80
6/5/2013 14:00	6.20	-0.30	8.80	0.20	6.00
6/5/2013 14:15	2.40	1.30	13.50	17.90	0.00
6/5/2013 14:30	5.90	3.60	17.80	21.70	0.00
6/5/2013 14:45	18.30	19.00	13.20	39.10	5.80
6/5/2013 15:00	8.50	19.10	8.50	40.70	10.60
6/5/2013 15:15	14.30	15.40	9.10	16.40	6.30
6/5/2013 15:30	6.20	26.60	15.70	16.80	10.90
6/5/2013 15:45	17.60	12.40	8.10	24.10	9.50
6/5/2013 16:00	8.90	9.50	7.50	23.20	2.00
6/5/2013 16:15	8.50	26.60	3.30	13.10	23.30
6/5/2013 16:30	9.10	30.20	3.90	9.90	26.30
6/5/2013 16:45	3.70	3.50	6.20	40.50	0.00
6/5/2013 17:00	6.10	31.70	4.80	3.90	27.80
6/5/2013 17:15	6.00	3.30	4.40	19.90	1.60
6/5/2013 17:30	6.10	3.30	3.20	18.50	2.90
6/5/2013 17:45	3.30	19.90	5.90	4.20	15.70
6/5/2013 18:00	5.80	6.10	3.60	21.40	2.50
6/5/2013 18:15	3.50	1.10	3.50	10.90	0.00
6/5/2013 18:30	15.70	1.40	3.30	19.50	12.40
6/5/2013 18:45	2.90	12.60	13.10	-0.30	12.90
6/5/2013 19:00	11.60	4.90	3.50	11.40	8.10
6/5/2013 19:15	16.30	10.80	2.70	13.20	13.60
6/5/2013 19:30	8.10	2.90	3.20	13.50	4.90
6/5/2013 19:45	7.10	7.10	4.50	12.60	2.60
6/5/2013 20:00	4.80	10.50	10.00	26.00	0.50
6/5/2013 20:15	12.20	21.60	2.10	10.10	19.50
6/5/2013 20:30	14.00	10.80	4.10	5.90	9.90
6/5/2013 20:45	2.30	9.80	6.00	12.70	3.80
6/5/2013 21:00	5.30	13.80	1.90	8.60	11.90
6/5/2013 21:15	2.10	8.30	7.30	20.10	1.00
6/5/2013 21:30	18.70	11.40	8.70	16.20	10.00
6/5/2013 21:45	5.60	4.40	5.40	12.90	0.20
6/5/2013 22:00	7.80	3.80	4.50	10.40	3.30
6/5/2013 22:15	4.50	2.50	3.20	11.00	1.30
6/5/2013 22:30	2.50	11.50	4.00	15.90	7.50
6/5/2013 22:45	24.30	78.00	2.70	10.70	75.30
6/5/2013 23:00	27.10	40.10	2.00	10.00	38.10
6/5/2013 23:15	21.80	25.10	15.30	46.30	9.80
6/5/2013 23:30	16.00	38.60	17.10	41.10	21.50
6/5/2013 23:45	30.20	26.00	12.90	37.30	17.30
6/6/2013 0:00	35.90	70.90	10.10	27.80	0.00
6/6/2013 0:15	55.10	46.40	12.20	31.40	42.90
6/6/2013 0:30	32.20	32.60	12.30	28.20	20.30
6/6/2013 0:45	18.00	20.50	12.60	26.60	7.90
6/6/2013 1:00	13.80	22.50	11.80	30.70	10.70
6/6/2013 1:15	14.90	36.70	7.70	17.70	29.00
6/6/2013 1:30	26.80	31.40	6.30	17.60	25.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/6/2013 1:45	5.60	16.60	11.00	19.30	5.60
6/6/2013 2:00	7.90	2.20	7.20	17.10	0.70
6/6/2013 2:15	6.90	26.40	5.10	21.30	21.30
6/6/2013 2:30	6.40	12.30	7.30	27.70	5.00
6/6/2013 2:45	6.60	28.40	7.40	25.30	21.00
6/6/2013 3:00	39.60	51.00	9.90	18.20	41.10
6/6/2013 3:15	66.20	57.60	12.30	14.00	53.90
6/6/2013 3:30	25.60	71.90	11.30	14.60	0.00
6/6/2013 3:45	42.10	85.80	8.90	14.90	76.90
6/6/2013 4:00	19.50	49.30	7.10	10.60	42.20
6/6/2013 4:15	33.40	33.30	7.60	12.10	25.80
6/6/2013 4:30	29.20	10.20	8.50	11.50	20.70
6/6/2013 4:45	20.10	10.90	9.20	10.50	10.90
6/6/2013 5:00	19.60	13.60	9.70	6.00	13.60
6/6/2013 5:15	29.60	6.60	7.70	5.60	24.00
6/6/2013 5:30	15.60	6.90	16.20	5.50	10.10
6/6/2013 5:45	8.90	23.00	21.00	30.50	2.00
6/6/2013 6:00	9.80	72.90	14.30	27.20	58.60
6/6/2013 6:15	9.30	31.20	11.30	14.20	19.90
6/6/2013 6:30	8.70	15.70	15.20	5.30	10.40
6/6/2013 6:45	8.50	25.10	15.90	6.10	19.00
6/6/2013 7:00	6.90	19.70	15.50	8.10	11.60
6/6/2013 7:15	16.40	21.10	14.00	6.50	14.60
6/6/2013 7:30	8.60	27.20	10.70	4.40	22.80
6/6/2013 7:45	7.80	39.70	9.20	3.20	36.50
6/6/2013 8:00	7.60	28.50	5.40	2.70	25.80
6/6/2013 8:15	7.50	33.90	4.00	2.50	31.40
6/6/2013 8:30	16.60	21.50	4.20	2.10	19.40
6/6/2013 8:45	17.50	11.10	6.40	1.90	15.60
6/6/2013 9:00	11.10	6.20	5.80	1.30	9.80
6/6/2013 9:15	11.00	0.50	3.30	0.90	10.10
6/6/2013 9:30	4.50	0.90	14.40	5.30	0.00
6/6/2013 9:45	4.50	0.50	11.30	-0.40	4.90
6/6/2013 10:00	10.60	-1.60	3.30	0.30	10.30
6/6/2013 10:15	9.20	-1.20	2.90	0.40	8.80
6/6/2013 10:30	6.00	-0.40	3.10	0.80	5.20
6/6/2013 10:45	8.30	1.10	2.50	1.00	7.30
6/6/2013 11:00	4.40	-0.60	2.00	1.50	2.90
6/6/2013 11:15	6.60	0.40	14.60	1.60	5.00
6/6/2013 11:30	4.20	-0.30	3.20	4.90	1.00
6/6/2013 11:45	5.10	0.40	3.80	6.10	1.30
6/6/2013 12:00	4.90	-0.40	3.50	10.30	1.40
6/6/2013 12:15	3.70	10.40	4.70	1.10	9.30
6/6/2013 12:30	4.20	9.60	4.70	1.10	8.50
6/6/2013 12:45	5.20	8.00	5.40	0.80	7.20
6/6/2013 13:00	5.10	8.80	5.00	1.10	7.70
6/6/2013 13:15	4.80	1.00	2.20	8.80	2.60
6/6/2013 13:30	3.50	7.30	5.40	1.00	6.30
6/6/2013 13:45	2.10	7.30	5.20	2.10	5.20
6/6/2013 14:00	1.80	7.50	3.70	1.60	5.90
6/6/2013 14:15	14.60	9.30	4.40	0.60	14.00
6/6/2013 14:30	15.00	10.50	4.30	0.40	14.60
6/6/2013 14:45	24.00	10.20	4.00	-0.50	24.50
6/6/2013 15:00	22.30	12.50	3.80	-1.10	23.40
6/6/2013 15:15	11.90	10.30	3.10	-0.90	12.80
6/6/2013 15:30	5.70	12.30	4.00	0.90	11.40
6/6/2013 15:45	6.20	13.40	4.30	0.50	12.90
6/6/2013 16:00	9.10	9.40	4.50	0.50	8.90
6/6/2013 16:15	12.20	8.50	4.00	-0.70	12.90
6/6/2013 16:30	10.70	8.00	4.20	0.50	10.20
6/6/2013 16:45	6.90	1.80	7.10	15.60	0.00
6/6/2013 17:00	7.50	2.40	2.30	10.50	5.20
6/6/2013 17:15	5.30	0.30	6.30	8.50	0.00
6/6/2013 17:30	31.20	5.70	8.70	13.80	22.50
6/6/2013 17:45	7.70	15.30	66.50	30.70	0.00
6/6/2013 18:00	5.90	14.00	3.70	0.20	13.80
6/6/2013 18:15	6.10	13.10	5.00	0.50	12.60
6/6/2013 18:30	9.80	11.40	4.70	0.70	10.70
6/6/2013 18:45	8.70	12.30	5.10	9.50	7.20
6/6/2013 19:00	8.60	9.60	5.10	-0.20	9.80
6/6/2013 19:15	4.90	2.20	4.60	10.30	0.30
6/6/2013 19:30	4.10	8.20	6.70	6.00	2.20
6/6/2013 19:45	3.60	9.60	4.50	6.70	5.10
6/6/2013 20:00	3.70	10.00	5.30	5.00	5.00
6/6/2013 20:15	5.50	4.80	6.50	10.80	0.00
6/6/2013 20:30	5.70	7.90	5.10	3.40	4.50
6/6/2013 20:45	6.60	6.30	7.00	2.00	4.60
6/6/2013 21:00	4.50	10.30	7.30	2.10	8.20
6/6/2013 21:15	7.10	1.80	3.80	9.90	3.30
6/6/2013 21:30	2.90	10.30	6.20	13.00	4.10
6/6/2013 21:45	2.00	8.90	6.00	28.60	2.90
6/6/2013 22:00	10.30	9.10	5.00	5.10	5.30
6/6/2013 22:15	6.40	2.80	10.70	9.10	0.00
6/6/2013 22:30	6.20	9.40	6.00	13.10	3.40
6/6/2013 22:45	9.30	9.10	6.00	9.20	3.30
6/6/2013 23:00	11.10	10.30	8.90	3.50	7.60
6/6/2013 23:15	12.90	10.70	11.20	16.00	1.70
6/6/2013 23:30	9.40	10.30	4.30	6.60	6.00
6/6/2013 23:45	8.30	8.20	10.70	7.80	0.50



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/7/2013 0:00	8.40	7.90	5.80	3.40	5.00
6/7/2013 0:15	11.80	9.00	7.40	10.60	4.40
6/7/2013 0:30	9.60	8.60	10.50	13.20	0.00
6/7/2013 0:45	8.40	7.80	9.50	14.50	0.00
6/7/2013 1:00	8.30	7.00	9.50	10.10	0.00
6/7/2013 1:15	6.90	8.30	10.10	10.40	0.00
6/7/2013 1:30	10.50	8.00	9.50	24.10	1.00
6/7/2013 1:45	10.50	5.20	9.70	18.20	0.80
6/7/2013 2:00	10.80	5.50	10.00	8.60	2.20
6/7/2013 2:15	9.50	7.20	16.90	24.60	0.00
6/7/2013 2:30	8.70	6.20	17.80	25.50	0.00
6/7/2013 2:45	13.60	4.80	15.20	12.20	1.40
6/7/2013 3:00	13.10	6.50	15.70	16.90	0.00
6/7/2013 3:15	13.60	5.60	15.60	14.70	0.00
6/7/2013 3:30	7.90	6.40	16.10	14.80	0.00
6/7/2013 3:45	8.50	6.80	12.60	17.00	0.00
6/7/2013 4:00	10.70	6.10	13.60	7.80	2.90
6/7/2013 4:15	9.60	5.40	11.90	4.80	4.80
6/7/2013 4:30	11.80	5.20	9.50	4.30	7.50
6/7/2013 4:45	8.20	6.40	6.40	3.20	5.00
6/7/2013 5:00	6.90	6.40	5.40	1.90	5.00
6/7/2013 5:15	9.40	6.30	6.10	8.10	3.30
6/7/2013 5:30	11.20	6.20	6.20	7.90	5.00
6/7/2013 5:45	10.90	16.70	14.10	6.80	9.90
6/7/2013 6:00	10.40	19.60	13.30	6.70	12.90
6/7/2013 6:15	12.90	6.30	18.30	18.90	0.00
6/7/2013 6:30	12.10	6.60	13.60	5.00	7.10
6/7/2013 6:45	11.30	5.50	13.40	8.20	3.10
6/7/2013 7:00	11.60	15.50	8.70	5.70	9.80
6/7/2013 7:15	8.90	4.80	7.30	10.10	1.60
6/7/2013 7:30	10.80	5.30	12.80	13.90	0.00
6/7/2013 7:45	10.20	5.00	7.60	14.70	2.60
6/7/2013 8:00	9.40	5.30	15.00	11.00	0.00
6/7/2013 8:15	9.30	5.40	12.80	5.30	4.00
6/7/2013 8:30	12.20	5.00	7.50	4.30	7.90
6/7/2013 8:45	7.60	4.50	11.70	4.80	2.80
6/7/2013 9:00	10.90	4.70	11.90	49.20	0.00
6/7/2013 9:15	10.20	4.80	14.10	33.10	0.00
6/7/2013 9:30	10.20	4.40	19.60	21.60	0.00
6/7/2013 9:45	14.50	4.50	19.20	20.40	0.00
6/7/2013 10:00	11.40	18.10	10.10	6.20	11.90
6/7/2013 10:15	14.50	12.10	9.10	6.40	8.10
6/7/2013 10:30	14.60	5.00	13.00	39.90	1.60
6/7/2013 10:45	14.90	5.80	11.80	16.10	3.10
6/7/2013 11:00	10.50	26.70	12.70	5.80	20.90
6/7/2013 11:15	6.90	20.20	12.00	6.40	13.80
6/7/2013 11:30	16.70	6.40	20.40	37.50	0.00
6/7/2013 11:45	10.70	5.10	9.50	17.00	1.20
6/7/2013 12:00	14.70	17.20	15.00	6.20	11.00
6/7/2013 12:15	18.70	41.20	7.30	6.40	34.80
6/7/2013 12:30	8.70	6.10	10.70	66.90	0.00
6/7/2013 12:45	8.00	4.70	9.80	13.90	0.00
6/7/2013 13:00	7.20	11.20	9.50	4.50	6.70
6/7/2013 13:15	9.70	21.50	9.60	4.50	17.00
6/7/2013 13:30	9.10	8.10	18.20	19.10	0.00
6/7/2013 13:45	10.80	12.00	15.60	14.50	0.00
6/7/2013 14:00	14.40	10.20	17.60	14.10	0.30
6/7/2013 14:15	10.80	12.20	12.50	6.50	5.70
6/7/2013 14:30	10.30	15.60	8.00	6.90	8.70
6/7/2013 14:45	23.00	24.70	8.80	14.50	15.90
6/7/2013 15:00	8.20	12.30	24.00	18.50	0.00
6/7/2013 15:15	15.30	14.20	10.50	22.50	4.80
6/7/2013 15:30	12.00	21.00	9.30	19.10	11.70
6/7/2013 15:45	26.90	30.60	11.30	18.30	19.30
6/7/2013 16:00	11.50	28.00	9.80	18.40	18.20
6/7/2013 16:15	9.20	13.00	36.90	10.30	2.70
6/7/2013 16:30	20.10	22.70	10.20	10.90	12.50
6/7/2013 16:45	9.30	9.60	24.70	27.60	0.00
6/7/2013 17:00	8.70	14.70	24.70	26.90	0.00
6/7/2013 17:15	9.40	14.20	22.40	27.10	0.00
6/7/2013 17:30	22.10	28.80	11.80	8.80	20.00
6/7/2013 17:45	11.70	13.40	19.00	27.50	0.00
6/7/2013 18:00	14.50	10.30	28.50	26.20	0.00
6/7/2013 18:15	14.60	8.60	17.80	27.60	0.00
6/7/2013 18:30	17.30	10.40	21.80	15.20	2.10
6/7/2013 18:45	16.70	11.60	14.60	15.20	2.10
6/7/2013 19:00	19.50	11.10	17.10	9.00	10.50
6/7/2013 19:15	19.80	10.70	15.70	8.40	11.40
6/7/2013 19:30	15.30	10.30	18.80	9.30	6.00
6/7/2013 19:45	18.40	12.30	16.60	6.60	11.80
6/7/2013 20:00	17.60	12.60	14.90	10.10	7.50
6/7/2013 20:15	14.60	12.90	16.40	8.00	6.60
6/7/2013 20:30	11.90	8.30	11.70	5.60	6.30
6/7/2013 20:45	13.30	8.40	10.40	7.90	5.40
6/7/2013 21:00	11.60	12.10	10.10	4.80	7.30
6/7/2013 21:15	10.80	14.00	8.30	8.50	5.70
6/7/2013 21:30	10.50	6.90	6.80	4.40	6.10
6/7/2013 21:45	7.50	0.20	7.80	7.30	0.20
6/7/2013 22:00	7.70	6.10	8.10	0.80	6.90



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/7/2013 22:15	7.30	7.10	7.30	1.30	6.00
6/7/2013 22:30	8.60	6.30	17.00	2.00	6.60
6/7/2013 22:45	11.10	2.20	7.70	5.70	5.40
6/7/2013 23:00	9.00	7.00	9.60	2.60	6.40
6/7/2013 23:15	6.10	6.80	12.10	3.60	3.20
6/7/2013 23:30	9.30	0.80	6.80	6.90	2.50
6/7/2013 23:45	6.80	6.90	16.00	11.30	0.00
6/8/2013 0:00	19.50	18.20	6.00	7.60	13.50
6/8/2013 0:15	37.40	33.00	7.10	6.70	30.70
6/8/2013 0:30	11.80	6.40	7.10	5.30	6.50
6/8/2013 0:45	12.90	7.40	6.00	5.40	7.50
6/8/2013 1:00	14.40	4.10	7.30	6.20	8.20
6/8/2013 1:15	11.00	5.80	6.00	7.20	5.00
6/8/2013 1:30	33.40	29.30	11.30	7.70	25.70
6/8/2013 1:45	5.80	4.60	10.00	7.30	0.00
6/8/2013 2:00	9.60	2.50	7.70	7.30	2.30
6/8/2013 2:15	9.80	4.00	11.60	7.00	2.80
6/8/2013 2:30	9.50	3.60	10.50	7.60	1.90
6/8/2013 2:45	8.80	6.60	10.80	7.10	1.70
6/8/2013 3:00	11.50	3.30	9.60	7.20	4.30
6/8/2013 3:15	26.00	24.20	9.60	7.60	18.40
6/8/2013 3:30	13.00	8.00	20.20	11.50	1.50
6/8/2013 3:45	30.40	16.70	12.20	6.90	23.50
6/8/2013 4:00	12.20	6.30	15.30	12.50	0.00
6/8/2013 4:15	12.50	6.00	10.50	5.80	6.70
6/8/2013 4:30	13.30	4.40	9.50	5.30	8.00
6/8/2013 4:45	11.80	8.40	7.30	4.60	7.20
6/8/2013 5:00	7.60	5.60	12.10	1.20	6.40
6/8/2013 5:15	7.00	0.20	7.80	5.60	1.40
6/8/2013 5:30	4.70	3.20	8.20	5.20	0.00
6/8/2013 5:45	7.80	5.30	6.00	0.80	7.00
6/8/2013 6:00	6.50	0.40	7.40	5.40	1.10
6/8/2013 6:15	6.40	-0.10	8.60	5.10	1.30
6/8/2013 6:30	5.40	-1.20	4.20	5.20	1.20
6/8/2013 6:45	3.90	-1.20	4.50	4.70	0.00
6/8/2013 7:00	4.20	0.60	4.90	4.20	0.00
6/8/2013 7:15	3.70	0.70	4.60	4.10	0.00
6/8/2013 7:30	3.50	1.30	3.60	3.90	0.00
6/8/2013 7:45	3.80	0.00	2.50	3.90	1.30
6/8/2013 8:00	6.20	0.50	2.80	4.30	3.40
6/8/2013 8:15	3.60	1.50	3.10	4.60	0.50
6/8/2013 8:30	3.80	0.10	3.00	4.40	0.80
6/8/2013 8:45	3.90	-1.20	2.90	4.10	1.00
6/8/2013 9:00	3.20	-0.10	3.10	4.40	0.10
6/8/2013 9:15	4.20	-1.60	2.80	4.20	1.40
6/8/2013 9:30	3.60	-0.60	2.70	4.20	0.90
6/8/2013 9:45	3.80	5.30	2.30	4.10	3.00
6/8/2013 10:00	5.30	6.70	2.10	4.00	4.60
6/8/2013 10:15	3.80	11.10	1.70	3.90	9.40
6/8/2013 10:30	33.40	19.80	1.90	3.90	31.50
6/8/2013 10:45	1.90	3.70	14.60	12.10	0.00
6/8/2013 11:00	5.80	3.50	8.90	3.70	2.10
6/8/2013 11:15	11.00	4.50	5.40	2.60	8.40
6/8/2013 11:30	9.10	4.30	8.10	8.70	1.00
6/8/2013 11:45	4.00	9.70	8.50	5.40	4.30
6/8/2013 12:00	5.60	8.00	7.80	5.20	2.80
6/8/2013 12:15	4.90	3.10	7.70	5.90	0.00
6/8/2013 12:30	71.90	69.90	6.90	5.20	66.70
6/8/2013 12:45	7.00	5.30	13.70	15.60	0.00
6/8/2013 13:00	9.70	7.20	10.00	5.50	4.20
6/8/2013 13:15	10.50	9.70	6.40	6.90	4.10
6/8/2013 13:30	9.30	6.30	6.30	6.20	3.10
6/8/2013 13:45	9.00	5.30	7.90	5.80	3.20
6/8/2013 14:00	9.20	4.70	5.40	5.00	4.20
6/8/2013 14:15	7.40	2.60	3.50	4.40	3.90
6/8/2013 14:30	4.50	3.60	9.20	4.60	0.00
6/8/2013 14:45	4.80	4.00	6.30	2.70	2.10
6/8/2013 15:00	5.50	1.30	5.00	3.50	2.00
6/8/2013 15:15	5.90	1.20	3.20	3.60	2.70
6/8/2013 15:30	4.90	2.10	3.20	3.50	1.70
6/8/2013 15:45	4.00	-0.40	3.00	3.40	1.00
6/8/2013 16:00	2.30	3.30	4.30	-0.90	4.20
6/8/2013 16:15	2.20	3.10	3.70	-1.60	4.70
6/8/2013 16:30	2.20	3.10	7.40	-0.50	3.60
6/8/2013 16:45	2.80	2.80	8.00	0.00	2.80
6/8/2013 17:00	1.90	2.90	5.30	-1.50	4.40
6/8/2013 17:15	4.10	-0.80	4.00	2.70	1.40
6/8/2013 17:30	4.30	2.50	4.50	-1.90	6.20
6/8/2013 17:45	3.50	2.60	3.70	-1.60	5.10
6/8/2013 18:00	3.80	2.70	3.20	-1.20	5.00
6/8/2013 18:15	2.70	2.40	5.70	-0.40	3.10
6/8/2013 18:30	2.50	2.20	3.60	-1.20	3.70
6/8/2013 18:45	2.10	2.40	3.20	-1.50	3.90
6/8/2013 19:00	4.10	-1.50	1.50	2.30	2.60
6/8/2013 19:15	4.00	-0.90	1.50	2.30	2.50
6/8/2013 19:30	2.70	-0.70	0.50	2.40	2.20
6/8/2013 19:45	2.50	-1.40	1.20	1.90	1.30
6/8/2013 20:00	5.00	-1.20	1.20	1.80	3.80
6/8/2013 20:15	3.20	-2.50	-0.60	-1.20	4.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/8/2013 20:30	3.10	-2.70	-0.90	-0.90	4.00
6/8/2013 20:45	2.10	-3.60	-0.70	-1.00	3.10
6/8/2013 21:00	2.70	-4.30	-1.20	-1.20	3.90
6/8/2013 21:15	-1.40	-1.10	10.70	-4.70	3.60
6/8/2013 21:30	12.80	-4.20	-1.70	-1.20	14.50
6/8/2013 21:45	14.20	-3.60	-1.40	-1.20	15.60
6/8/2013 22:00	23.90	11.20	-1.70	-0.80	25.60
6/8/2013 22:15	8.10	-0.40	-1.70	-1.10	9.80
6/8/2013 22:30	21.30	15.20	-1.70	-1.30	23.00
6/8/2013 22:45	23.00	-0.50	-1.70	-1.30	24.70
6/8/2013 23:00	20.70	-1.00	-1.60	-1.10	22.30
6/8/2013 23:15	13.20	-0.20	-1.50	-1.00	14.70
6/8/2013 23:30	19.90	-3.70	-1.40	-1.10	21.30
6/8/2013 23:45	18.40	2.30	-1.30	-1.10	19.70
6/9/2013 0:00	8.70	-0.10	-1.40	-1.40	10.10
6/9/2013 0:15	7.70	3.60	-1.20	-1.40	9.10
6/9/2013 0:30	12.20	-1.70	-1.00	-1.50	13.70
6/9/2013 0:45	3.50	-2.00	-1.20	-1.30	4.80
6/9/2013 1:00	3.50	-4.30	-1.20	-1.40	4.90
6/9/2013 1:15	2.20	-2.60	-1.10	-1.40	3.60
6/9/2013 1:30	3.30	-5.10	-1.10	-1.50	4.80
6/9/2013 1:45	5.00	-5.20	-1.20	-1.50	6.50
6/9/2013 2:00	7.20	-5.30	-1.00	-1.60	8.80
6/9/2013 2:15	2.40	-5.20	-1.00	-1.70	4.10
6/9/2013 2:30	2.80	-5.20	-1.00	-1.80	4.60
6/9/2013 2:45	5.80	-4.60	-1.00	-1.80	7.60
6/9/2013 3:15	2.70	-2.00	-1.20	-1.70	4.40
6/9/2013 3:30	1.20	14.90	-1.50	-1.70	16.60
6/9/2013 3:45	0.60	8.10	-1.70	-1.70	9.80
6/9/2013 4:00	16.40	-4.90	-1.80	-1.70	18.20
6/9/2013 4:15	20.10	8.00	-1.00	-1.70	21.80
6/9/2013 4:30	17.30	12.50	-0.90	-1.90	19.20
6/9/2013 4:45	17.00	5.20	1.50	-1.90	18.90
6/9/2013 5:00	17.20	1.00	-1.00	-1.80	19.00
6/9/2013 5:15	9.60	3.40	-0.90	-1.50	11.10
6/9/2013 5:30	7.40	1.20	0.70	-1.80	9.20
6/9/2013 5:45	5.40	-0.70	0.00	-1.70	7.10
6/9/2013 6:00	20.30	2.30	0.40	-1.40	21.70
6/9/2013 6:15	20.00	-0.40	0.50	-1.20	21.20
6/9/2013 6:30	7.90	-1.10	0.50	-0.50	8.40
6/9/2013 6:45	13.90	-2.20	1.00	-0.40	14.30
6/9/2013 7:00	12.20	-2.20	0.80	0.30	11.90
6/9/2013 7:15	5.50	-2.60	0.50	-0.40	5.90
6/9/2013 7:30	5.90	-2.60	-0.70	-0.40	6.60
6/9/2013 7:45	5.70	-1.80	-1.10	0.10	6.80
6/9/2013 8:00	4.30	-3.00	-0.50	-0.60	4.90
6/9/2013 8:15	5.20	-4.00	-0.40	-0.80	6.00
6/9/2013 8:30	3.60	-4.60	-1.10	-0.70	4.70
6/9/2013 8:45	1.70	-4.20	-1.00	-1.00	2.70
6/9/2013 9:00	1.80	-4.60	-0.80	-0.90	2.70
6/9/2013 9:15	3.20	-5.30	-1.00	-0.90	4.20
6/9/2013 9:30	2.80	-4.50	-1.10	-1.10	3.90
6/9/2013 9:45	0.20	-4.50	-0.60	-0.90	1.10
6/9/2013 10:00	0.00	-4.90	-1.40	-0.90	1.40
6/9/2013 10:15	1.40	-4.50	-0.80	-1.10	2.50
6/9/2013 10:30	0.50	-4.20	-1.20	-1.00	1.70
6/9/2013 10:45	-0.20	-5.20	-1.30	-1.10	1.10
6/9/2013 11:00	0.40	-5.70	-1.40	-1.30	1.80
6/9/2013 11:15	1.00	-5.10	-1.20	-1.10	2.20
6/9/2013 11:30	1.80	-3.30	-1.30	-1.30	3.10
6/9/2013 11:45	1.40	-4.90	-1.30	-1.20	2.70
6/9/2013 12:00	0.80	-5.80	-1.40	-1.20	2.20
6/9/2013 12:15	0.10	-5.00	-1.20	-1.20	1.30
6/9/2013 12:30	0.70	-5.60	-0.70	-1.40	2.10
6/9/2013 12:45	1.40	-5.60	-1.00	-1.20	2.60
6/9/2013 13:00	0.40	-5.30	-0.90	-0.90	1.30
6/9/2013 13:15	0.70	-4.50	-0.70	-1.20	1.90
6/9/2013 13:30	1.80	-5.50	-0.70	-1.30	3.10
6/9/2013 13:45	0.20	-5.80	-1.40	-1.60	1.80
6/9/2013 14:00	0.60	-5.40	-1.30	-1.60	2.20
6/9/2013 14:15	1.10	-3.90	-1.60	-1.60	2.70
6/9/2013 14:30	0.00	-5.80	-1.70	-1.60	1.70
6/9/2013 14:45	0.40	-4.50	-1.40	-1.70	2.10
6/9/2013 15:00	0.30	-5.60	-1.50	-1.80	2.10
6/9/2013 15:15	0.50	-5.80	-1.60	-1.90	2.40
6/9/2013 15:30	0.00	-5.80	-1.90	-2.00	2.00
6/9/2013 15:45	0.30	-6.00	-1.90	-1.90	2.20
6/9/2013 16:00	0.50	-4.90	-2.10	-1.90	2.60
6/9/2013 16:15	-0.60	-6.00	-2.00	-2.00	1.40
6/9/2013 16:30	4.40	0.50	-2.10	-2.00	6.50
6/9/2013 16:45	6.60	-2.00	-2.20	-2.20	8.80
6/9/2013 17:00	4.40	-5.20	-1.90	-2.20	6.60
6/9/2013 17:15	12.50	0.50	-1.80	-2.00	14.50
6/9/2013 17:30	10.20	3.70	2.30	-1.10	11.30
6/9/2013 17:45	10.10	3.60	3.20	-0.20	10.30
6/9/2013 18:00	9.40	1.30	2.70	-0.60	10.00
6/9/2013 18:15	10.00	2.00	0.90	-0.60	10.60
6/9/2013 18:30	7.00	6.00	0.20	-0.20	7.20
6/9/2013 18:45	7.60	5.90	0.50	0.60	7.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/9/2013 19:00	8.50	53.10	1.10	-0.60	53.70
6/9/2013 19:15	8.90	14.40	-0.30	-0.80	15.20
6/9/2013 19:30	11.10	11.90	-0.80	-0.90	12.80
6/9/2013 19:45	10.50	20.90	-0.80	-1.10	22.00
6/9/2013 20:00	11.80	-0.10	-0.90	-1.00	12.80
6/9/2013 20:15	10.40	-2.10	2.80	-1.20	11.60
6/9/2013 20:30	13.60	-3.80	2.20	-1.40	15.00
6/9/2013 20:45	1.20	-1.50	7.10	-4.20	5.40
6/9/2013 21:00	8.10	-3.80	0.50	-1.50	9.60
6/9/2013 21:15	8.10	-3.70	0.10	-1.50	9.60
6/9/2013 21:30	4.30	-5.00	0.00	-1.60	5.90
6/9/2013 21:45	3.00	-3.90	-0.20	-0.50	3.50
6/9/2013 22:00	0.00	-0.70	4.80	-4.50	4.50
6/9/2013 22:15	9.10	1.40	-0.60	-0.80	9.90
6/9/2013 22:30	9.50	-0.90	-1.00	-1.00	10.50
6/9/2013 22:45	27.50	0.50	-0.40	-1.10	28.60
6/9/2013 23:00	17.30	8.90	-0.90	-1.10	18.40
6/9/2013 23:15	16.80	5.30	-1.10	-1.30	18.10
6/9/2013 23:30	17.10	-1.40	-1.10	-1.00	18.20
6/9/2013 23:45	16.20	-1.30	-1.30	-1.20	17.50
6/10/2013 0:00	5.70	-4.10	-1.10	-1.20	6.90
6/10/2013 0:15	4.70	-3.40	-1.30	-1.60	6.30
6/10/2013 0:30	5.00	-3.80	-1.20	-1.50	6.50
6/10/2013 0:45	3.10	-3.60	-0.20	-1.60	4.70
6/10/2013 1:00	0.30	-1.30	12.70	1.90	0.00
6/10/2013 1:15	13.80	0.90	-0.50	-1.50	15.30
6/10/2013 1:30	8.10	0.30	-0.90	-1.30	9.40
6/10/2013 1:45	15.50	7.00	0.80	-0.40	15.90
6/10/2013 2:00	1.00	-0.80	15.20	8.90	0.00
6/10/2013 2:15	6.80	14.00	1.40	-0.10	14.10
6/10/2013 2:30	5.90	10.20	2.00	0.70	9.50
6/10/2013 2:45	7.00	6.20	0.90	-0.80	7.80
6/10/2013 3:00	6.90	2.60	0.70	-0.80	7.70
6/10/2013 3:15	8.70	4.30	-0.30	-0.50	9.20
6/10/2013 3:30	8.30	1.20	-0.30	-0.60	8.90
6/10/2013 3:45	7.50	0.80	1.00	-0.60	8.10
6/10/2013 4:00	8.30	-0.70	-0.30	-0.90	9.20
6/10/2013 4:15	10.20	1.20	-1.10	-0.80	11.30
6/10/2013 4:30	8.30	0.50	-1.40	-0.70	9.70
6/10/2013 4:45	7.20	2.40	-0.90	-1.40	8.60
6/10/2013 5:00	7.90	7.60	-1.00	-1.60	9.50
6/10/2013 5:15	3.30	22.30	0.20	-1.90	24.20
6/10/2013 5:30	11.40	23.40	2.80	-0.90	24.30
6/10/2013 5:45	6.80	6.50	2.90	-0.30	7.10
6/10/2013 6:00	5.90	8.80	2.90	-0.60	9.40
6/10/2013 6:15	7.40	2.80	2.60	-0.20	7.60
6/10/2013 6:30	6.70	-1.60	2.10	0.60	6.10
6/10/2013 6:45	7.50	-4.40	2.40	1.00	6.50
6/10/2013 7:00	5.90	-2.70	2.40	0.80	5.10
6/10/2013 7:15	7.50	-1.50	2.40	1.00	6.50
6/10/2013 7:30	7.30	-3.20	3.10	1.60	5.70
6/10/2013 7:45	7.40	-1.40	4.10	1.30	6.10
6/10/2013 8:00	5.90	2.00	4.30	2.50	3.40
6/10/2013 8:15	6.80	-0.70	4.30	2.30	4.50
6/10/2013 8:30	5.90	-1.60	4.20	3.60	2.30
6/10/2013 8:45	5.80	-2.50	3.80	3.60	2.20
6/10/2013 9:00	5.60	-0.60	1.50	4.20	4.10
6/10/2013 9:15	4.10	-2.70	0.60	2.50	3.50
6/10/2013 9:30	6.70	-2.30	0.00	0.90	6.70
6/10/2013 9:45	6.30	-1.70	-0.70	-1.00	7.30
6/10/2013 10:00	4.90	1.00	-1.10	-1.30	6.20
6/10/2013 10:15	15.80	7.60	-1.10	-1.30	17.10
6/10/2013 10:30	10.80	5.60	-0.80	-1.40	12.20
6/10/2013 10:45	14.10	6.40	-1.20	-1.60	15.70
6/10/2013 11:00	16.00	3.40	-0.20	-1.70	17.70
6/10/2013 11:15	18.40	9.60	-0.20	-1.80	20.20
6/10/2013 11:30	14.80	4.60	4.70	-1.80	16.60
6/10/2013 11:45	15.60	5.50	5.70	-1.80	17.40
6/10/2013 12:00	15.90	7.30	10.50	-1.80	17.70
6/10/2013 12:15	15.40	6.20	4.80	-1.60	17.00
6/10/2013 12:30	13.50	2.30	6.30	-0.90	14.40
6/10/2013 12:45	8.50	-0.30	1.90	0.00	8.50
6/10/2013 13:00	8.40	2.50	8.60	-0.90	9.30
6/10/2013 13:15	8.90	-0.40	13.80	7.30	1.60
6/10/2013 13:30	10.50	-0.10	12.80	5.50	5.00
6/10/2013 13:45	7.60	2.60	10.60	-0.80	8.40
6/10/2013 14:00	8.40	4.20	13.00	2.20	6.20
6/10/2013 14:15	7.40	2.50	14.60	0.60	6.80
6/10/2013 14:30	9.60	0.30	10.80	1.30	8.30
6/10/2013 14:45	9.70	9.70	15.30	0.40	9.30
6/10/2013 15:00	6.80	3.90	12.30	1.20	5.60
6/10/2013 15:15	7.50	14.30	11.10	1.90	12.40
6/10/2013 15:30	9.00	16.70	11.50	2.20	14.50
6/10/2013 15:45	8.50	12.90	11.70	0.50	12.40
6/10/2013 16:00	6.70	5.80	8.80	-0.20	6.90
6/10/2013 16:15	5.60	-0.20	7.80	5.40	0.20
6/10/2013 16:30	7.10	6.20	5.80	-0.60	7.70
6/10/2013 16:45	6.00	1.50	7.30	-0.60	6.60
6/10/2013 17:00	5.40	-2.40	17.30	-0.30	5.70



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/10/2013 17:15	7.60	7.00	9.60	5.30	2.30
6/10/2013 17:30	6.70	2.20	15.10	1.10	5.60
6/10/2013 17:45	7.20	3.00	15.90	1.60	5.60
6/10/2013 18:00	4.30	0.10	13.90	0.80	3.50
6/10/2013 18:15	1.70	-1.30	23.70	1.50	0.20
6/10/2013 18:30	3.70	6.30	23.50	-0.10	6.40
6/10/2013 18:45	6.70	3.50	31.50	-0.40	7.10
6/10/2013 19:00	8.70	9.80	16.90	-0.40	10.20
6/10/2013 19:15	6.20	16.10	30.70	-0.50	16.60
6/10/2013 19:30	1.40	10.30	31.40	-0.80	11.10
6/10/2013 19:45	4.40	3.60	14.20	-1.00	5.40
6/10/2013 20:00	2.20	11.90	11.10	-1.10	13.00
6/10/2013 20:15	6.10	11.80	15.10	-1.70	13.50
6/10/2013 20:30	7.60	10.90	9.50	-1.70	12.60
6/10/2013 20:45	6.50	7.40	5.30	-2.00	9.40
6/10/2013 21:00	7.60	5.40	4.40	-0.50	8.10
6/10/2013 21:15	4.50	-0.80	5.50	4.80	0.00
6/10/2013 21:30	10.30	3.90	5.70	0.00	10.30
6/10/2013 21:45	11.30	-0.80	6.40	-1.10	12.40
6/10/2013 22:00	12.40	11.20	6.40	-1.30	13.70
6/10/2013 22:15	11.20	4.30	6.70	-1.10	12.30
6/10/2013 22:30	9.30	2.50	5.20	-1.20	10.50
6/10/2013 22:45	6.20	1.10	5.30	-1.70	7.90
6/10/2013 23:00	8.10	1.00	5.70	-1.70	9.80
6/10/2013 23:15	5.80	-0.70	5.90	-1.70	7.50
6/10/2013 23:30	5.60	-1.80	5.30	-2.00	7.60
6/10/2013 23:45	5.20	-1.60	4.30	-1.70	6.90
6/11/2013 0:00	5.90	-3.00	-1.20	-2.00	7.90
6/11/2013 0:15	4.30	-3.40	0.80	-2.20	6.50
6/11/2013 0:30	7.80	-2.00	3.20	-1.90	9.70
6/11/2013 0:45	4.50	2.10	2.30	-2.00	6.50
6/11/2013 1:00	6.80	13.50	3.30	-1.90	15.40
6/11/2013 1:15	12.40	-5.20	6.60	-1.10	13.50
6/11/2013 1:30	13.40	1.90	1.60	-1.60	15.00
6/11/2013 1:45	3.80	-1.00	-0.50	-1.80	5.60
6/11/2013 2:00	4.40	-0.80	-0.10	-1.70	6.10
6/11/2013 2:15	2.80	-2.60	0.20	-1.40	4.20
6/11/2013 2:30	3.40	1.60	-0.70	-1.70	5.10
6/11/2013 2:45	2.10	-0.10	-1.00	-1.80	3.90
6/11/2013 3:00	-0.30	-1.20	0.20	2.90	0.00
6/11/2013 3:15	0.00	-1.40	4.30	-3.30	3.30
6/11/2013 3:30	0.10	0.40	2.80	0.60	0.00
6/11/2013 3:45	0.10	-0.50	7.50	-2.40	2.50
6/11/2013 4:00	1.90	1.30	6.70	-2.70	4.60
6/11/2013 4:15	3.80	3.30	11.80	6.00	0.00
6/11/2013 4:30	2.50	0.90	14.40	-1.70	4.20
6/11/2013 4:45	0.60	-0.10	3.50	-3.60	4.20
6/11/2013 5:00	0.50	-1.70	11.40	-1.50	2.00
6/11/2013 5:15	0.30	-1.90	8.70	-2.40	2.70
6/11/2013 5:30	2.50	-1.40	7.80	-3.60	6.10
6/11/2013 5:45	5.20	-1.60	7.80	-3.10	8.30
6/11/2013 6:00	2.40	-1.60	4.00	-3.10	5.50
6/11/2013 6:15	1.80	-1.30	4.00	-4.00	5.80
6/11/2013 6:30	0.70	-1.20	4.70	-2.20	2.90
6/11/2013 6:45	-1.40	-1.50	7.00	-1.80	0.40
6/11/2013 7:00	0.70	-1.00	6.70	-1.10	1.80
6/11/2013 7:15	2.30	1.50	6.10	-3.40	5.70
6/11/2013 7:30	0.80	-0.30	5.80	-3.30	4.10
6/11/2013 7:45	2.70	0.30	6.70	2.10	0.60
6/11/2013 8:00	1.20	-0.20	7.50	4.00	0.00
6/11/2013 8:15	3.50	-0.50	11.40	-0.20	3.70
6/11/2013 8:30	0.10	-1.10	16.20	-4.50	4.60
6/11/2013 8:45	-0.90	-0.90	11.70	-2.80	1.90
6/11/2013 9:00	-0.40	-0.10	13.90	-1.50	1.40
6/11/2013 9:15	-1.00	-0.20	13.20	-1.10	0.90
6/11/2013 9:30	0.10	-0.30	2.00	-2.20	2.30
6/11/2013 9:45	4.60	22.00	2.60	-0.40	22.40
6/11/2013 10:00	9.00	3.20	4.00	5.20	5.00
6/11/2013 10:15	10.90	37.50	1.80	3.80	35.70
6/11/2013 10:30	9.80	28.60	1.90	3.90	26.70
6/11/2013 10:45	9.60	19.80	2.20	5.60	17.60
6/11/2013 11:00	68.60	24.30	2.40	5.00	66.20
6/11/2013 11:15	27.10	14.30	2.30	4.60	24.80
6/11/2013 11:30	5.50	5.90	99.40	31.60	0.00
6/11/2013 11:45	46.90	6.90	5.30	6.00	0.00
6/11/2013 12:00	3.00	5.80	106.80	124.20	0.00
6/11/2013 12:15	3.00	6.80	52.70	148.80	0.00
6/11/2013 12:30	3.80	6.60	54.60	61.40	0.00
6/11/2013 12:45	125.50	75.20	4.00	6.70	121.50
6/11/2013 13:00	3.90	6.80	112.10	18.30	0.00
6/11/2013 13:15	5.40	6.50	67.40	37.90	0.00
6/11/2013 13:30	6.70	7.90	9.20	18.70	0.00
6/11/2013 13:45	5.40	7.70	38.60	16.90	0.00
6/11/2013 14:00	20.80	31.70	5.00	8.30	26.70
6/11/2013 14:15	11.90	34.30	6.70	10.30	27.60
6/11/2013 14:30	17.40	22.60	7.10	8.60	15.50
6/11/2013 14:45	16.70	21.30	5.50	7.90	15.80
6/11/2013 15:00	13.50	131.30	3.40	10.20	127.90
6/11/2013 15:15	35.00	63.10	3.80	8.80	59.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/11/2013 15:30	16.00	39.00	4.50	6.80	34.50
6/11/2013 15:45	13.20	44.00	4.40	10.70	39.60
6/11/2013 16:00	12.70	362.40	6.70	10.80	355.70
6/11/2013 16:15	7.10	10.30	78.60	39.50	0.00
6/11/2013 16:30	7.10	10.50	29.90	134.20	0.00
6/11/2013 16:45	24.70	788.00	6.40	10.20	781.60
6/11/2013 17:00	40.30	925.20	7.30	10.30	917.90
6/11/2013 17:15	21.00	26.10	28.90	40.50	0.00
6/11/2013 17:30	11.20	12.60	13.90	24.70	0.00
6/11/2013 17:45	30.10	30.10	13.10	21.70	17.00
6/11/2013 18:00	7.90	16.80	15.70	18.30	1.10
6/11/2013 18:15	14.60	51.70	4.50	13.30	47.20
6/11/2013 18:30	13.80	101.30	5.00	13.30	96.30
6/11/2013 18:45	13.00	40.80	5.10	12.00	35.70
6/11/2013 19:00	8.70	31.30	4.10	8.50	27.20
6/11/2013 19:15	9.80	18.60	3.70	8.80	14.90
6/11/2013 19:30	11.90	7.00	5.10	10.60	6.80
6/11/2013 19:45	11.80	960.50	4.00	10.60	956.50
6/11/2013 20:00	10.70	8.50	3.90	9.30	6.80
6/11/2013 20:15	11.40	5.00	3.10	6.60	8.30
6/11/2013 20:30	4.20	8.90	9.60	9.60	0.00
6/11/2013 20:45	13.00	13.60	5.00	11.50	8.60
6/11/2013 21:00	12.10	13.00	5.80	8.20	7.20
6/11/2013 21:15	11.00	5.50	5.70	13.10	5.30
6/11/2013 21:30	9.80	10.60	5.40	10.80	5.20
6/11/2013 21:45	7.60	8.70	5.60	10.70	3.10
6/11/2013 22:00	5.00	13.30	8.60	3.20	10.10
6/11/2013 22:15	4.50	10.90	9.40	2.20	8.70
6/11/2013 22:30	4.90	11.10	34.70	32.40	0.00
6/11/2013 22:45	4.80	11.60	33.70	26.90	0.00
6/11/2013 23:00	4.70	8.20	18.60	33.90	0.00
6/11/2013 23:15	4.80	9.30	16.80	8.50	0.80
6/11/2013 23:30	9.70	6.40	4.60	6.60	5.10
6/11/2013 23:45	4.70	6.20	20.20	4.30	1.90
6/12/2013 0:00	25.00	4.50	4.80	6.90	20.20
6/12/2013 0:15	11.90	4.20	5.00	7.10	6.90
6/12/2013 0:30	6.20	7.60	11.00	3.20	4.40
6/12/2013 0:45	9.50	3.20	5.80	7.20	3.70
6/12/2013 1:00	9.70	11.20	5.90	8.10	5.30
6/12/2013 1:15	5.70	8.00	11.90	3.80	4.20
6/12/2013 1:30	11.00	580.20	6.20	7.10	574.00
6/12/2013 1:45	31.60	6.20	6.20	7.20	25.40
6/12/2013 2:00	18.50	5.10	5.90	9.50	12.60
6/12/2013 2:15	34.80	6.60	4.50	7.60	30.30
6/12/2013 2:30	15.00	9.10	5.30	7.30	9.70
6/12/2013 2:45	18.50	10.60	5.80	6.90	12.70
6/12/2013 3:00	16.70	8.80	5.40	7.60	11.30
6/12/2013 3:15	6.40	7.90	16.90	8.10	0.00
6/12/2013 3:30	5.90	6.40	14.50	13.20	0.00
6/12/2013 3:45	22.90	14.10	5.20	6.30	17.70
6/12/2013 4:00	28.90	32.00	4.90	6.60	27.10
6/12/2013 4:15	30.50	217.60	7.30	7.00	210.60
6/12/2013 4:30	40.10	14.70	10.20	7.30	32.80
6/12/2013 4:45	59.50	13.30	15.10	8.60	50.90
6/12/2013 5:00	50.50	645.00	2.60	11.40	642.40
6/12/2013 5:15	39.40	19.60	2.50	10.90	36.90
6/12/2013 5:30	53.00	11.70	4.60	9.00	48.40
6/12/2013 5:45	31.60	33.00	7.80	10.60	25.20
6/12/2013 6:00	41.40	17.30	7.20	9.60	34.20
6/12/2013 6:15	48.50	9.80	7.00	7.40	41.50
6/12/2013 6:30	15.60	3.50	7.20	7.90	8.40
6/12/2013 6:45	9.60	6.50	7.10	5.90	3.70
6/12/2013 7:00	21.30	55.90	6.60	8.10	49.30
6/12/2013 7:15	23.30	505.60	6.90	6.00	499.60
6/12/2013 7:30	21.00	8.10	5.60	9.50	15.40
6/12/2013 7:45	67.20	8.80	6.30	8.50	60.90
6/12/2013 8:00	43.80	300.00	6.40	7.60	293.60
6/12/2013 8:15	21.00	24.40	5.80	6.90	18.60
6/12/2013 8:30	13.20	11.50	6.70	7.10	6.50
6/12/2013 8:45	28.80	11.90	6.40	6.00	22.80
6/12/2013 9:00	10.80	20.20	6.30	7.90	13.90
6/12/2013 9:15	33.90	24.10	6.20	7.80	27.70
6/12/2013 9:30	29.80	25.60	6.70	9.40	23.10
6/12/2013 9:45	97.90	31.00	6.60	9.30	91.30
6/12/2013 10:00	91.50	61.60	6.30	8.70	85.20
6/12/2013 10:15	79.50	60.70	7.00	10.10	72.50
6/12/2013 10:30	62.20	84.50	7.20	11.60	77.30
6/12/2013 10:45	42.20	64.80	6.10	10.60	58.70
6/12/2013 11:00	41.20	25.40	6.70	10.20	34.50
6/12/2013 11:15	63.90	36.90	6.10	9.10	57.80
6/12/2013 11:30	13.80	11.50	7.90	7.60	6.20
6/12/2013 11:45	12.50	7.50	6.70	8.20	5.80
6/12/2013 12:00	13.90	6.40	4.60	8.10	9.30
6/12/2013 12:15	4.60	7.80	14.30	8.10	0.00
6/12/2013 12:30	15.50	11.00	4.30	7.40	11.20
6/12/2013 12:45	16.10	7.70	3.60	5.10	12.50
6/12/2013 13:00	16.30	6.30	3.60	4.60	12.70
6/12/2013 13:15	20.00	115.50	3.50	5.30	112.00
6/12/2013 13:30	19.40	5.80	2.80	4.70	16.60



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/12/2013 13:45	17.40	6.10	2.60	4.70	14.80
6/12/2013 14:00	12.00	5.60	2.20	4.70	9.80
6/12/2013 14:15	15.60	6.30	3.30	6.30	12.30
6/12/2013 14:30	20.10	45.00	3.70	6.10	41.30
6/12/2013 14:45	22.30	7.20	3.70	4.30	18.60
6/12/2013 15:00	4.70	4.10	23.80	14.10	0.00
6/12/2013 15:15	25.10	21.90	3.50	7.10	21.60
6/12/2013 15:30	3.40	7.50	51.10	11.70	0.00
6/12/2013 15:45	57.50	16.10	5.30	7.50	52.20
6/12/2013 16:00	16.60	950.40	7.30	7.90	943.10
6/12/2013 16:15	97.90	25.00	12.60	7.30	90.60
6/12/2013 16:30	82.10	88.90	6.40	6.60	82.50
6/12/2013 16:45	88.00	40.30	11.40	5.10	82.90
6/12/2013 17:00	92.60	61.00	20.80	6.20	0.00
6/12/2013 17:15	75.10	42.30	23.00	14.70	60.40
6/12/2013 17:30	71.60	27.60	9.60	19.90	62.00
6/12/2013 17:45	90.00	16.80	10.90	14.20	79.10
6/12/2013 18:00	34.30	15.10	11.00	15.60	23.30
6/12/2013 18:15	73.20	34.60	10.00	6.70	66.50
6/12/2013 18:30	104.00	10.80	12.10	10.60	93.40
6/12/2013 18:45	50.00	80.60	8.50	12.30	72.10
6/12/2013 19:00	88.20	7.80	9.60	8.30	79.90
6/12/2013 19:15	55.10	11.60	9.20	6.70	48.40
6/12/2013 19:30	42.30	5.40	9.20	10.60	33.10
6/12/2013 19:45	15.40	11.00	8.90	12.90	6.50
6/12/2013 20:00	11.50	4.70	9.30	10.10	2.20
6/12/2013 20:15	11.10	4.80	8.20	6.60	4.50
6/12/2013 20:30	21.00	4.20	6.00	5.20	15.80
6/12/2013 20:45	39.00	3.00	5.70	4.20	34.80
6/12/2013 21:00	28.80	0.80	5.60	7.70	23.20
6/12/2013 21:15	30.00	1.10	5.50	3.30	26.70
6/12/2013 21:30	5.60	6.30	15.80	4.70	1.60
6/12/2013 21:45	15.40	0.30	1.90	3.40	13.50
6/12/2013 22:00	3.00	3.00	23.30	34.50	0.00
6/12/2013 22:15	3.10	2.70	22.10	4.60	0.00
6/12/2013 22:30	3.10	4.30	18.30	444.00	0.00
6/12/2013 22:45	4.70	5.40	20.00	428.90	0.00
6/12/2013 23:00	4.90	5.40	13.90	46.90	0.00
6/12/2013 23:15	4.30	6.00	15.20	614.70	0.00
6/12/2013 23:30	5.50	5.00	21.00	200.50	0.00
6/12/2013 23:45	7.80	10.10	12.50	21.40	0.00
6/13/2013 0:00	9.70	11.80	16.30	13.70	0.00
6/13/2013 0:15	14.50	770.10	9.40	14.20	760.70
6/13/2013 0:30	8.90	8.30	14.20	11.50	0.00
6/13/2013 0:45	10.30	9.20	13.50	14.20	0.00
6/13/2013 1:00	10.20	13.20	14.30	981.90	0.00
6/13/2013 1:15	11.00	146.40	8.40	18.20	138.00
6/13/2013 1:30	10.70	921.70	8.80	16.70	912.90
6/13/2013 1:45	8.90	13.90	11.70	6.30	7.60
6/13/2013 2:00	13.50	62.60	7.90	13.60	54.70
6/13/2013 2:15	12.30	225.60	6.90	12.20	218.70
6/13/2013 2:30	12.00	4.20	6.80	10.60	5.20
6/13/2013 2:45	13.30	-1.80	7.30	13.70	6.00
6/13/2013 3:00	9.20	11.80	17.00	393.00	0.00
6/13/2013 3:15	7.90	7.40	13.90	34.10	0.00
6/13/2013 3:30	7.50	14.80	10.20	717.60	4.60
6/13/2013 3:45	6.70	15.40	18.40	25.50	0.00
6/13/2013 4:00	16.10	539.50	18.00	10.90	528.60
6/13/2013 4:15	13.50	747.10	20.20	28.30	726.90
6/13/2013 4:30	34.50	27.80	14.20	40.30	20.30
6/13/2013 4:45	34.90	69.80	12.40	192.10	57.40
6/13/2013 5:00	33.20	55.40	9.90	751.80	45.50
6/13/2013 5:15	36.50	51.00	8.80	6.60	44.40
6/13/2013 5:30	33.40	43.00	8.50	5.50	37.50
6/13/2013 5:45	34.70	51.20	7.80	66.30	43.40
6/13/2013 6:00	36.60	78.50	7.50	331.80	71.00
6/13/2013 6:15	22.50	23.50	6.80	27.30	16.70
6/13/2013 6:30	6.50	17.80	7.20	407.60	10.60
6/13/2013 6:45	5.90	17.40	7.30	411.10	10.10
6/13/2013 7:00	7.70	365.90	5.60	9.40	360.30
6/13/2013 7:15	6.00	11.70	7.70	10.00	4.00
6/13/2013 7:30	7.30	11.20	7.20	59.30	4.00
6/13/2013 7:45	6.70	10.30	7.70	129.90	2.60
6/13/2013 8:00	6.80	10.80	7.80	745.40	3.00
6/13/2013 8:15	6.20	11.10	7.60	4.80	6.30
6/13/2013 8:30	7.10	10.10	7.60	132.80	2.50
6/13/2013 8:45	8.90	10.70	8.50	4.80	5.90
6/13/2013 9:00	7.90	10.10	7.90	31.80	2.20
6/13/2013 9:15	9.40	10.40	8.50	-9.10	19.50
6/13/2013 9:30	10.20	745.20	40.60	27.80	0.00
6/13/2013 9:45	8.30	563.40	28.80	32.60	534.60
6/13/2013 10:00	7.60	52.60	9.10	13.40	43.50
6/13/2013 10:15	1.70	2.40	8.20	14.80	0.00
6/13/2013 10:30	12.40	8.00	5.50	-6.60	19.00
6/13/2013 10:45	5.00	-6.50	10.00	4.10	0.90
6/13/2013 11:00	4.50	-6.60	11.80	7.20	0.00
6/13/2013 11:15	8.90	1.10	3.80	-6.60	15.50
6/13/2013 11:30	2.90	-6.60	10.00	1.10	1.80
6/13/2013 11:45	9.40	4.10	3.40	-6.60	16.00



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6/13/2013 12:00	3.90	-6.60	10.10	4.00	0.00
6/13/2013 12:15	10.00	5.10	3.40	-6.60	16.60
6/13/2013 12:30	10.10	5.20	3.20	-6.60	16.70
6/13/2013 12:45	3.00	-6.60	12.10	7.40	0.00
6/13/2013 13:00	12.80	7.10	2.80	-6.60	19.40
6/13/2013 13:15	2.60	-6.60	12.10	6.50	0.00
6/13/2013 13:30	13.00	8.70	2.30	-6.60	19.60
6/13/2013 13:45	11.70	8.00	2.50	-6.60	18.30
6/13/2013 14:00	11.20	9.70	2.40	-6.60	17.80
6/13/2013 14:15	11.80	11.90	2.40	-6.60	18.50
6/13/2013 14:30	10.10	5.10	3.10	-6.60	16.70
6/13/2013 14:45	11.30	6.70	6.90	-6.60	17.90
6/13/2013 15:00	12.80	5.60	14.80	-6.60	19.40
6/13/2013 15:15	9.80	6.10	15.10	-6.60	16.40
6/13/2013 15:30	12.80	9.10	21.20	-6.60	19.40
6/13/2013 15:45	12.90	7.50	23.00	-6.60	19.50
6/13/2013 16:00	23.70	-6.60	12.40	8.20	15.50
6/13/2013 16:15	25.30	-6.60	13.70	8.60	16.70
6/13/2013 16:30	32.30	-6.60	25.80	24.00	8.30
6/13/2013 16:45	16.20	12.60	35.70	-6.60	22.80
6/13/2013 17:00	14.70	12.70	33.50	-6.60	21.30
6/13/2013 17:15	14.50	9.90	23.40	-6.60	21.10
6/13/2013 17:30	19.40	-6.60	14.10	12.60	6.80
6/13/2013 17:45	14.20	10.70	24.00	-6.60	20.80
6/13/2013 18:00	13.90	14.50	19.70	-6.60	21.10
6/13/2013 18:15	14.90	20.50	18.20	-6.60	27.10
6/13/2013 18:30	12.80	17.20	16.50	-6.60	23.80
6/13/2013 18:45	11.70	6.20	11.70	-6.60	18.30
6/13/2013 19:00	11.30	36.10	11.90	-6.60	42.70
6/13/2013 19:15	28.00	28.80	12.50	-6.60	35.40
6/13/2013 19:30	9.10	11.70	9.00	-6.60	18.30
6/13/2013 19:45	12.00	17.20	9.20	-6.60	23.80
6/13/2013 20:00	9.10	13.10	7.60	-6.60	19.70
6/13/2013 20:15	9.40	4.70	5.70	-6.60	16.00
6/13/2013 20:30	6.20	-6.60	23.10	29.80	0.00
6/13/2013 20:45	9.40	6.70	6.30	-6.60	16.00
6/13/2013 21:00	11.20	11.80	7.70	-6.60	18.40
6/13/2013 21:15	10.10	9.00	6.70	-6.60	16.70
6/13/2013 21:30	7.40	13.00	6.60	-6.60	19.60
6/13/2013 21:45	6.60	4.90	6.80	-6.60	13.20
6/13/2013 22:00	7.50	3.30	5.70	-6.60	14.10
6/13/2013 22:15	6.90	2.30	6.00	-6.60	13.50
6/13/2013 22:30	4.70	-6.60	13.50	12.40	0.00
6/13/2013 22:45	41.00	-6.60	7.30	7.60	33.70
6/13/2013 23:00	6.50	4.40	21.50	-6.60	13.10
6/13/2013 23:15	6.90	1.60	18.00	-6.60	13.50
6/13/2013 23:30	7.00	4.60	9.20	-6.60	13.60
6/13/2013 23:45	7.20	10.80	5.40	-6.60	17.40
6/14/2013 0:00	7.70	10.90	5.40	-6.60	17.50
6/14/2013 0:15	9.80	24.80	6.20	-6.60	31.40
6/14/2013 0:30	8.20	29.40	6.20	-6.60	36.00
6/14/2013 0:45	10.40	12.30	10.40	-6.60	18.90
6/14/2013 1:00	11.30	-6.60	15.80	15.30	0.00
6/14/2013 1:15	11.30	-6.60	25.30	22.40	0.00
6/14/2013 1:30	10.90	-6.60	11.00	4.00	6.90
6/14/2013 1:45	11.30	-6.60	10.50	9.10	2.20
6/14/2013 2:00	12.10	-6.60	23.70	30.90	0.00
6/14/2013 2:15	14.30	-6.60	27.00	32.40	0.00
6/14/2013 2:30	14.80	-6.60	17.70	22.30	0.00
6/14/2013 2:45	14.90	-6.60	11.00	12.20	3.90
6/14/2013 3:00	15.30	-6.60	16.30	13.20	2.10
6/14/2013 3:15	16.90	16.90	15.50	-6.60	23.50
6/14/2013 3:30	15.70	30.30	15.30	-6.60	36.90
6/14/2013 3:45	13.60	22.10	15.50	-6.60	0.00
6/14/2013 4:00	14.40	-6.60	7.50	17.50	6.90
6/14/2013 4:15	8.30	27.20	25.60	-6.60	33.80
6/14/2013 4:30	18.90	12.50	31.30	-6.60	25.50
6/14/2013 4:45	14.00	12.80	74.00	-6.60	20.60
6/14/2013 5:00	11.40	17.80	57.50	-6.60	24.40
6/14/2013 5:15	15.10	11.50	49.00	-6.60	21.70
6/14/2013 5:30	8.30	14.10	42.80	-6.60	20.70
6/14/2013 5:45	9.70	22.30	35.50	-6.60	28.90
6/14/2013 6:00	7.10	23.20	37.20	-6.60	29.80
6/14/2013 6:15	17.60	29.20	31.80	-6.60	35.80
6/14/2013 6:30	9.80	14.50	31.80	-6.60	21.10
6/14/2013 6:45	10.10	16.50	33.00	-6.60	23.10
6/14/2013 7:00	13.30	23.90	29.90	-6.60	30.50
6/14/2013 7:15	12.90	43.80	30.10	-6.60	50.40
6/14/2013 7:30	6.60	6.80	29.70	-6.60	13.40
6/14/2013 7:45	27.30	30.00	28.60	-6.60	36.60
6/14/2013 8:00	17.80	23.20	27.40	-6.60	29.80
6/14/2013 8:15	10.00	9.60	25.50	-6.60	16.60
6/14/2013 8:30	9.50	40.30	25.30	-6.60	46.90
6/14/2013 8:45	11.60	17.40	25.50	-6.60	24.00
6/14/2013 9:00	13.30	30.10	26.30	-6.60	36.70
6/14/2013 9:15	5.50	9.20	25.60	-6.60	15.80
6/14/2013 9:30	11.20	9.70	24.90	-6.60	17.80
6/14/2013 9:45	13.10	31.10	24.00	-6.60	37.70
6/14/2013 10:00	13.50	25.50	21.80	-6.60	32.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/14/2013 10:15	5.00	13.00	17.50	-6.60	19.60
6/14/2013 10:30	15.00	61.70	11.80	-6.60	68.30
6/14/2013 10:45	18.10	-6.60	10.80	34.50	7.30
6/14/2013 11:00	6.70	16.00	18.30	-6.60	0.00
6/14/2013 11:15	4.60	7.10	18.00	-6.60	13.70
6/14/2013 11:30	8.20	10.90	14.30	-6.60	17.50
6/14/2013 11:45	6.20	21.70	13.40	-6.60	28.30
6/14/2013 12:00	4.70	6.40	13.80	-6.60	13.00
6/14/2013 12:15	13.30	-6.60	6.70	4.50	8.80
6/14/2013 12:30	12.90	-6.60	9.70	7.20	5.70
6/14/2013 12:45	29.90	40.70	59.30	-6.60	47.30
6/14/2013 13:00	23.20	22.00	25.70	-6.60	29.80
6/14/2013 13:15	20.20	15.60	25.80	-6.60	26.80
6/14/2013 13:30	16.60	12.90	17.50	-6.60	23.20
6/14/2013 13:45	15.20	15.50	20.70	-6.60	22.10
6/14/2013 14:00	15.40	21.10	19.60	-6.60	27.70
6/14/2013 14:15	9.40	9.90	18.40	-6.60	16.50
6/14/2013 14:30	9.50	6.40	15.50	-6.60	16.10
6/14/2013 14:45	8.10	26.40	14.40	-6.60	33.00
6/14/2013 15:00	10.90	26.00	13.90	-6.60	32.60
6/14/2013 15:15	19.00	21.00	13.60	-6.60	27.60
6/14/2013 15:30	56.00	31.50	14.20	-6.60	62.60
6/14/2013 15:45	10.70	9.60	14.20	-6.60	17.30
6/14/2013 16:00	25.20	22.40	13.60	-6.60	31.80
6/14/2013 16:15	13.50	11.00	13.70	-6.60	20.10
6/14/2013 16:30	19.00	17.10	13.70	-6.60	25.60
6/14/2013 16:45	31.50	40.00	25.50	-6.60	46.60
6/14/2013 17:00	27.50	-6.60	11.20	15.00	16.30
6/14/2013 17:15	17.70	23.60	20.10	-6.60	30.20
6/14/2013 17:30	13.00	31.90	17.80	-6.60	38.50
6/14/2013 17:45	16.80	46.60	17.50	-6.60	53.20
6/14/2013 18:00	48.10	35.80	16.60	-6.60	54.70
6/14/2013 18:15	58.20	54.30	16.50	-6.60	64.80
6/14/2013 18:30	56.10	56.10	14.90	-6.60	62.70
6/14/2013 18:45	26.50	84.50	15.60	-6.60	91.10
6/14/2013 19:00	14.60	-6.60	37.10	61.90	0.00
6/14/2013 19:15	33.40	61.40	17.60	-6.60	68.00
6/14/2013 19:30	16.50	-6.60	15.90	24.90	0.60
6/14/2013 20:00	-3.10	-2.40	41.40	58.00	0.00
6/14/2013 20:15	12.60	883.10	11.20	40.00	871.90
6/14/2013 21:00	11.80	36.00	14.20	342.00	0.00
6/14/2013 21:15	30.80	41.80	14.80	274.40	0.00
6/14/2013 21:30	14.40	235.10	28.50	24.40	210.70
6/14/2013 21:45	43.10	50.40	-2.90	0.40	53.30
6/14/2013 22:00	15.30	44.80	13.20	-3.30	48.10
6/14/2013 22:15	41.80	33.60	14.20	26.30	27.60
6/14/2013 22:30	28.00	54.60	19.50	40.90	35.10
6/14/2013 22:45	27.60	52.90	31.50	148.30	21.40
6/14/2013 23:00	48.60	85.70	23.80	131.50	61.90
6/14/2013 23:15	22.50	234.70	46.00	54.00	188.70
6/14/2013 23:30	24.90	68.30	21.50	144.20	46.80
6/14/2013 23:45	67.70	14.20	20.20	138.90	47.50
6/15/2013 0:00	19.80	137.00	35.60	74.80	101.40
6/15/2013 0:15	40.60	90.10	18.50	132.90	71.60
6/15/2013 0:30	32.70	79.70	19.70	147.70	60.00
6/15/2013 0:45	58.00	31.20	19.10	193.10	38.90
6/15/2013 1:00	70.30	56.80	17.00	463.30	53.30
6/15/2013 1:15	13.70	327.60	37.90	45.90	289.70
6/15/2013 1:30	11.80	264.60	28.40	91.60	236.20
6/15/2013 1:45	60.40	13.90	10.60	214.50	0.00
6/15/2013 2:00	9.70	210.20	30.20	13.00	197.20
6/15/2013 2:15	11.10	212.80	45.00	27.70	185.10
6/15/2013 2:30	40.10	25.80	10.90	325.40	29.20
6/15/2013 2:45	10.70	272.20	76.10	29.10	243.10
6/15/2013 3:00	46.20	36.50	10.50	614.00	35.70
6/15/2013 3:15	72.10	14.80	9.50	239.30	62.60
6/15/2013 3:30	12.30	316.20	59.90	76.20	256.30
6/15/2013 3:45	60.00	27.40	11.60	271.50	48.40
6/15/2013 4:00	53.00	34.80	11.70	190.60	41.30
6/15/2013 4:15	51.90	55.40	24.00	182.10	31.40
6/15/2013 4:30	35.50	45.40	27.30	188.30	18.10
6/15/2013 4:45	22.40	762.50	47.90	65.40	714.60
6/15/2013 5:00	18.40	288.60	29.50	75.40	259.10
6/15/2013 5:15	16.50	465.10	21.20	28.60	443.90
6/15/2013 5:30	40.80	102.40	14.70	212.50	87.70
6/15/2013 5:45	74.80	33.70	14.50	202.70	60.30
6/15/2013 6:00	16.10	197.40	34.10	80.80	163.30
6/15/2013 6:15	18.60	57.90	8.80	192.80	49.10
6/15/2013 6:30	11.10	17.00	16.60	194.70	0.40
6/15/2013 6:45	18.10	281.40	22.60	39.40	258.80
6/15/2013 7:00	16.90	247.90	42.90	39.40	208.50
6/15/2013 7:15	13.00	1162.10	12.40	21.40	1149.70
6/15/2013 7:30	9.70	1114.80	21.00	33.10	1093.80
6/15/2013 7:45	8.60	819.20	21.00	26.90	798.20
6/15/2013 8:00	8.70	55.20	12.20	16.10	43.00
6/15/2013 8:15	8.80	49.60	15.70	30.60	33.90
6/15/2013 8:30	14.20	16.00	8.90	49.30	7.10
6/15/2013 8:45	22.40	38.30	9.20	42.30	29.10
6/15/2013 9:00	8.90	281.10	12.40	25.80	268.70



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/15/2013 9:15	8.20	107.50	10.40	6.00	101.50
6/15/2013 9:30	59.30	75.10	7.60	15.50	67.50
6/15/2013 9:45	18.40	28.00	7.40	33.70	20.60
6/15/2013 10:00	7.20	14.20	22.40	24.50	0.00
6/15/2013 10:15	7.20	17.10	49.80	19.70	0.00
6/15/2013 10:30	7.10	27.70	51.40	20.00	7.70
6/15/2013 10:45	32.40	12.20	7.50	19.00	24.90
6/15/2013 11:00	7.70	28.70	16.20	7.50	21.20
6/15/2013 11:15	20.90	16.90	7.90	321.10	13.00
6/15/2013 11:30	14.20	10.30	7.50	248.00	6.70
6/15/2013 11:45	16.10	8.80	7.40	1138.30	8.70
6/15/2013 12:00	14.30	4.90	7.30	50.80	7.00
6/15/2013 12:15	13.40	5.90	7.40	36.00	6.00
6/15/2013 12:30	26.00	11.30	7.50	42.90	18.50
6/15/2013 12:45	16.40	4.60	8.20	44.90	8.20
6/15/2013 13:00	12.10	15.10	8.30	48.80	6.80
6/15/2013 13:15	12.70	282.70	18.10	7.00	275.70
6/15/2013 13:30	17.90	32.50	28.00	133.20	4.50
6/15/2013 13:45	17.30	67.00	22.10	881.90	44.90
6/15/2013 14:00	25.50	92.60	12.60	-6.60	99.20
6/15/2013 14:15	25.20	59.70	11.50	-6.60	66.30
6/15/2013 14:30	32.00	6.60	8.30	108.60	23.70
6/15/2013 14:45	17.90	78.90	5.80	43.50	73.10
6/15/2013 15:00	31.60	11.20	5.60	41.40	26.00
6/15/2013 15:15	37.90	22.00	4.00	805.50	33.90
6/15/2013 15:30	79.70	48.30	4.50	35.60	75.20
6/15/2013 15:45	74.00	87.80	4.80	34.30	83.00
6/15/2013 16:00	80.80	43.70	5.70	31.10	75.10
6/15/2013 16:15	50.70	41.60	8.60	837.80	42.10
6/15/2013 16:30	17.70	1252.80	20.40	32.40	1232.40
6/15/2013 16:45	45.30	17.00	35.10	509.50	10.20
6/15/2013 17:00	85.00	46.70	36.10	1230.80	48.90
6/15/2013 17:15	5.20	2.80	36.30	1236.40	0.00
6/15/2013 17:30	13.00	9.80	36.40	49.40	0.00
6/15/2013 17:45	37.40	81.90	71.40	10.00	71.90
6/15/2013 18:00	29.00	21.20	33.00	63.30	0.00
6/15/2013 18:15	37.40	14.90	28.70	62.10	8.70
6/15/2013 18:30	26.20	12.80	30.30	46.70	0.00
6/15/2013 18:45	29.60	42.90	20.90	13.00	29.90
6/15/2013 19:00	9.80	46.00	54.50	3.30	42.70
6/15/2013 19:15	18.00	36.50	27.50	41.50	9.00
6/15/2013 19:30	27.70	41.30	29.40	9.00	32.30
6/15/2013 19:45	27.40	41.70	62.60	25.80	15.90
6/15/2013 20:00	24.90	42.00	33.30	8.10	33.90
6/15/2013 20:15	26.00	49.20	25.80	7.30	41.90
6/15/2013 20:30	28.50	166.30	63.50	66.60	102.80
6/15/2013 20:45	42.30	38.50	25.50	417.40	16.80
6/15/2013 21:00	15.70	881.40	23.50	22.30	859.10
6/15/2013 21:15	21.80	29.50	28.30	60.90	1.20
6/15/2013 21:30	28.30	16.40	22.80	415.70	5.50
6/15/2013 21:45	29.50	37.40	13.90	39.60	23.50
6/15/2013 22:00	54.00	18.10	13.90	39.80	40.10
6/15/2013 22:15	27.00	10.30	17.50	39.30	9.50
6/15/2013 22:30	14.30	7.50	18.60	148.80	0.00
6/15/2013 22:45	12.70	62.90	13.30	8.00	54.90
6/15/2013 23:00	27.70	33.70	14.00	38.40	19.70
6/15/2013 23:15	15.10	58.20	41.50	54.80	16.70
6/15/2013 23:30	13.50	22.90	12.60	860.30	10.30
6/15/2013 23:45	16.00	28.70	18.70	45.40	10.00
6/16/2013 0:00	15.00	494.90	8.20	9.10	486.70
6/16/2013 0:15	16.80	23.20	13.30	46.10	9.90
6/16/2013 0:30	12.30	90.30	10.10	4.00	86.30
6/16/2013 0:45	5.10	0.30	9.20	41.40	0.00
6/16/2013 1:00	10.80	61.50	10.80	36.40	50.70
6/16/2013 1:15	9.80	164.20	9.30	8.20	156.00
6/16/2013 1:30	16.80	16.80	10.90	32.40	5.90
6/16/2013 1:45	10.00	32.50	12.80	17.20	19.70
6/16/2013 2:00	11.70	4.70	9.70	23.40	2.00
6/16/2013 2:15	11.10	14.00	17.50	34.00	0.00
6/16/2013 2:30	4.70	4.10	16.80	547.10	0.00
6/16/2013 2:45	4.30	-0.10	20.10	48.20	0.00
6/16/2013 3:00	11.60	13.70	19.70	40.20	0.00
6/16/2013 3:15	26.90	39.80	4.80	12.70	35.00
6/16/2013 3:30	12.30	14.90	25.80	1358.40	0.00
6/16/2013 3:45	5.00	0.00	24.60	1352.20	0.00
6/16/2013 4:00	6.10	0.40	24.40	1356.70	0.00
6/16/2013 4:15	7.10	2.50	23.60	538.40	0.00
6/16/2013 4:30	7.30	1.50	21.60	321.70	0.00
6/16/2013 4:45	22.80	285.90	6.90	4.90	281.00
6/16/2013 5:00	5.20	1.60	23.80	277.10	0.00
6/16/2013 5:15	7.70	4.10	22.20	395.70	0.00
6/16/2013 5:30	8.50	3.90	21.50	286.80	0.00
6/16/2013 5:45	5.00	5.20	20.40	240.80	0.00
6/16/2013 6:00	18.80	1305.70	3.80	-2.00	1307.70
6/16/2013 6:15	12.10	10.40	17.80	162.20	0.00
6/16/2013 6:30	5.50	4.90	20.90	115.50	0.00
6/16/2013 6:45	20.20	99.40	18.20	23.10	81.20
6/16/2013 7:00	4.80	23.00	19.10	94.90	0.00
6/16/2013 7:15	19.50	91.90	4.10	5.60	87.80



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*Real-Time Turbidity Data
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(periods of dredging)*

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/16/2013 7:30	4.50	11.80	19.80	98.10	0.00
6/16/2013 7:45	20.70	204.00	6.00	5.30	198.70
6/16/2013 8:00	8.20	1.60	21.60	317.90	0.00
6/16/2013 8:15	14.60	0.50	28.10	238.10	0.00
6/16/2013 8:30	21.50	21.10	21.80	46.90	0.00
6/16/2013 8:45	9.60	12.60	18.70	45.40	0.00
6/16/2013 9:00	16.50	16.10	31.50	43.20	0.00
6/16/2013 9:15	11.00	7.90	30.10	42.70	0.00
6/16/2013 9:30	21.50	7.80	28.70	42.70	0.00
6/16/2013 9:45	12.00	20.00	30.20	43.10	0.00
6/16/2013 10:00	18.30	14.80	26.80	41.60	0.00
6/16/2013 10:15	4.60	13.20	26.50	42.50	0.00
6/16/2013 10:30	32.80	12.90	23.10	41.00	9.70
6/16/2013 10:45	54.10	62.10	20.60	41.00	41.50
6/16/2013 11:00	27.30	40.70	4.80	34.90	35.90
6/16/2013 11:15	41.10	26.20	25.70	39.90	15.40
6/16/2013 11:30	24.40	38.20	23.10	83.20	15.10
6/16/2013 11:45	22.80	37.20	11.00	7.20	30.00
6/16/2013 12:00	15.10	9.00	24.60	38.10	0.00
6/16/2013 12:15	12.80	29.50	19.30	37.60	10.20
6/16/2013 12:30	5.90	62.60	19.30	37.50	43.30
6/16/2013 12:45	18.70	35.60	9.40	25.30	26.20
6/16/2013 13:00	18.30	35.40	6.10	3.90	31.50
6/16/2013 13:15	16.20	29.60	25.10	42.00	4.50
6/16/2013 13:30	14.60	28.90	13.20	77.20	15.70
6/16/2013 13:45	17.10	32.50	4.40	22.90	28.10
6/16/2013 14:00	54.30	66.10	12.90	29.20	53.20
6/16/2013 14:15	28.60	68.80	12.50	29.20	56.30
6/16/2013 14:30	12.60	27.50	11.20	39.30	16.30
6/16/2013 14:45	18.60	26.70	11.70	29.00	15.00
6/16/2013 15:00	20.70	73.10	13.70	28.90	59.40
6/16/2013 15:15	10.20	78.00	19.20	28.90	58.80
6/16/2013 15:30	14.20	27.60	13.10	6.70	20.90
6/16/2013 15:45	61.10	55.00	11.20	26.20	49.90
6/16/2013 16:00	12.70	82.50	10.70	25.40	71.80
6/16/2013 16:15	43.90	33.40	9.80	24.50	34.10
6/16/2013 16:30	36.80	16.80	9.00	18.60	27.80
6/16/2013 16:45	32.70	92.40	7.50	25.20	84.90
6/16/2013 17:00	23.00	47.40	6.50	25.10	40.90
6/16/2013 17:15	38.30	51.50	8.70	24.80	42.80
6/16/2013 17:30	43.20	53.30	7.70	24.50	45.60
6/16/2013 17:45	8.40	24.40	25.00	130.30	0.00
6/16/2013 18:00	20.10	43.70	8.90	21.20	34.80
6/16/2013 18:15	9.20	25.10	21.00	46.10	4.10
6/16/2013 18:30	18.00	30.60	9.80	23.60	20.80
6/16/2013 18:45	15.40	105.80	9.50	22.30	96.30
6/16/2013 19:00	13.20	24.40	19.50	68.10	4.90
6/16/2013 19:15	17.80	52.50	8.20	24.00	44.30
6/16/2013 19:30	11.50	28.70	9.30	22.80	19.40
6/16/2013 19:45	11.90	22.50	5.20	6.40	17.30
6/16/2013 20:00	9.50	23.60	8.40	46.30	15.20
6/16/2013 20:15	7.70	21.10	9.60	8.30	12.80
6/16/2013 20:30	6.50	9.80	9.40	22.80	0.40
6/16/2013 20:45	9.10	32.50	7.60	26.10	24.90
6/16/2013 21:00	7.60	19.20	14.30	27.60	4.90
6/16/2013 21:15	8.00	7.80	5.90	20.70	2.10
6/16/2013 21:30	10.50	17.20	5.20	22.40	12.00
6/16/2013 21:45	7.90	61.90	8.60	23.20	53.30
6/16/2013 22:00	8.20	59.50	9.40	21.30	50.10
6/16/2013 22:15	5.70	16.10	7.50	62.20	8.60
6/16/2013 22:30	4.50	17.60	38.20	19.00	0.00
6/16/2013 22:45	12.90	32.90	4.70	20.90	28.20
6/16/2013 23:00	24.10	18.10	11.90	24.00	12.20
6/16/2013 23:15	23.90	30.40	11.50	24.70	18.90
6/16/2013 23:30	14.70	37.70	9.50	24.30	28.20
6/16/2013 23:45	10.80	27.50	31.60	34.80	0.00
6/17/2013 0:00	24.40	31.90	11.10	25.80	20.80
6/17/2013 0:15	15.50	36.60	14.20	24.60	22.40
6/17/2013 0:30	5.30	54.20	22.50	22.50	31.70
6/17/2013 0:45	6.20	25.60	23.20	21.50	4.10
6/17/2013 1:00	9.30	66.10	20.40	19.60	46.50
6/17/2013 1:15	14.80	22.10	17.40	19.80	4.70
6/17/2013 1:30	30.80	29.00	18.00	19.80	12.80
6/17/2013 1:45	28.60	-0.10	18.40	19.50	10.20
6/17/2013 2:00	17.00	20.50	8.10	28.10	12.40
6/17/2013 2:15	15.80	19.20	15.10	56.30	4.10
6/17/2013 2:30	13.30	18.90	42.00	29.30	0.00
6/17/2013 2:45	15.30	20.80	30.30	25.90	0.00
6/17/2013 3:00	16.80	23.50	11.50	35.30	12.00
6/17/2013 3:15	19.90	20.70	12.30	23.50	8.40
6/17/2013 3:30	22.50	30.10	10.40	23.40	19.70
6/17/2013 3:45	13.20	33.90	8.80	22.40	25.10
6/17/2013 4:00	12.20	17.90	20.90	26.90	0.00
6/17/2013 4:15	15.10	18.90	18.50	25.60	0.40
6/17/2013 4:30	25.70	20.30	18.60	27.70	7.10
6/17/2013 4:45	21.80	31.60	17.90	12.60	19.00
6/17/2013 5:00	9.90	4.40	18.10	25.70	0.00
6/17/2013 5:15	9.40	7.40	18.10	26.80	0.00
6/17/2013 5:30	19.60	17.40	30.90	47.40	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/17/2013 5:45	39.10	66.20	17.90	49.70	48.30
6/17/2013 6:00	26.90	32.20	45.70	67.30	0.00
6/17/2013 6:15	58.00	55.10	45.00	55.20	13.00
6/17/2013 6:30	54.30	57.00	43.20	54.00	13.80
6/17/2013 6:45	36.90	55.90	36.60	38.30	19.30
6/17/2013 7:00	27.40	29.30	34.70	53.20	0.00
6/17/2013 7:15	20.80	29.60	34.50	53.90	0.00
6/17/2013 7:30	18.40	15.60	37.10	48.70	0.00
6/17/2013 7:45	22.20	21.80	39.00	45.50	0.00
6/17/2013 8:00	22.90	20.30	38.90	44.50	0.00
6/17/2013 8:15	15.40	21.70	40.20	43.20	0.00
6/17/2013 8:30	17.70	19.80	39.10	44.40	0.00
6/17/2013 8:45	17.10	22.10	40.10	42.50	0.00
6/17/2013 9:00	39.30	45.30	22.90	26.40	22.40
6/17/2013 9:15	37.00	50.80	14.90	14.50	36.30
6/17/2013 9:30	12.20	19.90	33.00	44.00	0.00
6/17/2013 9:45	37.40	77.20	19.40	26.90	57.80
6/17/2013 10:00	33.60	85.30	32.00	18.10	67.20
6/17/2013 10:15	32.10	88.80	21.70	17.50	71.30
6/17/2013 10:30	21.60	17.00	34.40	79.70	0.00
6/17/2013 10:45	32.10	48.80	16.00	14.90	33.90
6/17/2013 11:00	26.90	46.90	37.20	42.10	9.70
6/17/2013 11:15	28.30	50.10	20.90	63.90	29.20
6/17/2013 11:30	26.20	46.00	27.80	49.60	18.20
6/17/2013 11:45	31.10	48.00	58.30	41.50	6.50
6/17/2013 12:00	29.10	47.70	27.50	61.60	20.20
6/17/2013 12:15	24.90	44.80	20.40	55.40	24.40
6/17/2013 12:30	26.10	13.70	20.70	38.90	5.40
6/17/2013 12:45	56.50	99.30	32.60	62.50	66.70
6/17/2013 13:00	43.80	69.90	72.30	111.40	0.00
6/17/2013 13:15	46.10	35.20	67.70	105.10	0.00
6/17/2013 13:30	42.10	89.80	49.80	61.10	40.00
6/17/2013 13:45	49.70	24.70	37.50	61.90	12.20
6/17/2013 14:00	39.80	61.20	38.00	65.20	23.20
6/17/2013 14:15	32.60	51.40	18.70	40.20	32.70
6/17/2013 14:30	30.30	44.00	21.10	18.90	25.10
6/17/2013 14:45	27.10	45.50	26.10	45.40	19.40
6/17/2013 15:00	32.90	46.30	31.30	79.10	15.00
6/17/2013 15:15	37.30	45.80	24.10	59.10	21.70
6/17/2013 15:30	37.60	45.90	13.10	30.70	32.80
6/17/2013 15:45	32.10	47.10	13.70	28.10	33.40
6/17/2013 16:00	16.10	23.50	22.90	46.80	0.60
6/17/2013 16:15	22.00	42.70	24.80	29.60	17.90
6/17/2013 16:30	23.80	55.90	17.80	39.20	38.10
6/18/2013 0:00	-0.10	-6.60	10.50	7.60	0.00
6/18/2013 0:15	-3.30	-3.40	-0.10	-6.50	3.20
6/18/2013 0:30	-0.10	-5.90	-3.30	-1.70	3.20
6/18/2013 0:45	-2.70	-1.60	-0.10	-5.20	3.60
6/18/2013 1:00	-2.40	-1.70	-0.10	-4.80	3.10
6/18/2013 1:15	0.00	-4.70	-2.30	-1.70	2.30
6/18/2013 1:30	-2.30	-1.50	0.80	-4.80	3.30
6/18/2013 1:45	-2.30	-1.50	2.30	-4.80	3.30
6/18/2013 2:00	-2.20	-1.50	2.70	-4.90	3.40
6/18/2013 2:15	-2.20	-1.50	3.00	-4.60	3.10
6/18/2013 2:30	-2.10	-1.50	3.20	-4.50	3.00
6/18/2013 2:45	-2.20	-1.50	3.60	-4.60	3.10
6/18/2013 3:00	-2.20	-1.50	3.70	-4.50	3.00
6/18/2013 3:15	4.00	-4.10	-2.20	-1.40	6.20
6/18/2013 3:30	-2.10	-1.40	4.40	-4.20	2.80
6/18/2013 3:45	-2.10	-1.40	4.60	-5.10	3.70
6/18/2013 4:00	4.80	-5.10	-2.10	-1.40	6.90
6/18/2013 4:15	-2.10	-1.40	5.10	-5.30	3.90
6/18/2013 4:30	5.60	-5.00	-2.00	-1.40	7.60
6/18/2013 4:45	7.50	-5.10	-1.70	-1.40	9.20
6/18/2013 5:00	-1.30	-1.40	9.70	-5.00	3.70
6/18/2013 5:15	-1.10	-1.40	9.90	-5.00	3.90
6/18/2013 5:30	-0.90	-1.40	9.90	-4.90	4.00
6/18/2013 5:45	-0.80	-1.50	9.80	-5.10	4.30
6/18/2013 6:00	-0.70	-1.50	9.80	-5.20	4.50
6/18/2013 6:15	-0.70	-1.50	9.70	-5.10	4.40
6/18/2013 6:30	9.80	-5.20	-0.60	-1.50	11.30
6/18/2013 6:45	9.90	-5.30	-0.40	-1.50	11.40
6/18/2013 7:00	-0.30	-1.50	9.90	-5.10	4.80
6/18/2013 7:15	10.00	-5.20	-0.20	-1.50	11.50
6/18/2013 7:30	-0.20	-1.50	10.30	-5.20	5.00
6/18/2013 7:45	-0.10	-1.50	10.50	-5.20	5.10
6/18/2013 8:00	11.00	-5.10	-0.10	-1.40	12.40
6/18/2013 8:15	11.30	-5.10	-0.10	-1.40	12.70
6/18/2013 8:30	11.70	-5.10	-0.20	-1.40	13.10
6/18/2013 8:45	12.00	-5.10	0.00	-1.40	13.40
6/18/2013 9:00	12.10	-5.10	0.00	-1.40	13.50
6/18/2013 9:15	12.50	-5.10	0.00	-1.40	13.90
6/18/2013 9:30	12.60	-5.10	0.00	-1.40	14.00
6/18/2013 9:45	12.60	-5.00	0.00	-1.40	14.00
6/18/2013 10:00	12.70	-5.20	0.00	-1.40	14.10
6/18/2013 10:15	12.70	-5.10	0.10	-1.40	14.10
6/18/2013 10:30	0.10	-1.40	12.70	-5.10	5.20
6/18/2013 10:45	0.00	-1.40	12.80	-5.10	5.10
6/18/2013 11:00	12.80	-5.00	0.00	-1.40	14.20



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(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
6/18/2013 11:15	0.00	-1.40	12.90	-5.00	5.00
6/18/2013 11:30	12.90	-5.00	0.00	-1.40	14.30
6/18/2013 11:45	12.90	-5.00	0.00	-1.40	14.30
6/18/2013 12:00	12.90	-5.00	0.00	-1.40	14.30
6/18/2013 12:15	0.00	-1.40	12.90	-4.90	4.90
6/18/2013 12:30	0.00	-1.40	12.80	-5.00	5.00
6/18/2013 12:45	0.00	-1.40	13.00	-4.90	4.90
6/18/2013 13:00	0.00	-1.40	13.10	-4.90	4.90
6/18/2013 13:15	0.00	-1.40	13.10	-4.90	4.90
6/18/2013 13:30	0.00	-1.30	13.10	-4.80	4.80
6/18/2013 13:45	-0.20	-1.30	13.10	-5.00	4.80
6/18/2013 14:00	-0.10	-1.30	13.10	-5.00	4.90
6/18/2013 14:15	0.10	-1.30	13.20	-4.90	5.00
6/18/2013 14:30	13.20	-4.90	0.10	-1.30	14.50
6/18/2013 14:45	0.10	-1.30	13.40	-5.00	5.10
6/18/2013 15:00	0.10	-1.30	13.20	-5.00	5.10
6/18/2013 15:15	0.10	-1.30	13.30	-4.90	5.00
6/18/2013 15:30	0.10	-1.30	13.30	-5.00	5.10
6/18/2013 15:45	13.30	-4.90	0.10	-1.30	14.60
6/18/2013 16:00	0.10	-1.30	13.30	-4.90	5.00
6/18/2013 16:15	0.20	-1.30	13.20	-4.90	5.10
6/18/2013 16:30	0.20	-1.30	13.20	-4.90	5.10
6/18/2013 16:45	0.20	-1.30	13.10	-4.90	5.10
6/18/2013 17:00	0.20	-1.30	13.20	-4.90	5.10
6/18/2013 17:15	13.30	-4.90	0.20	-1.20	14.50
6/18/2013 17:30	13.20	-4.90	0.20	-1.20	0.00
6/18/2013 17:45	0.00	-1.20	13.10	-4.80	4.80
6/19/2013 0:00	0.20	-1.20	13.10	-4.80	5.00
6/19/2013 0:15	0.20	-1.20	13.10	-4.70	4.90
6/19/2013 0:30	13.10	-4.70	0.20	-1.20	14.30
6/19/2013 0:45	13.20	-4.70	0.20	-1.20	14.40
6/19/2013 1:00	0.20	-1.20	13.10	-4.80	5.00
6/19/2013 1:15	13.10	-4.70	0.20	-1.20	0.00
6/19/2013 1:30	13.20	-4.80	0.20	-1.20	14.40
6/19/2013 1:45	0.20	-1.20	13.10	-4.70	4.90
6/19/2013 2:00	0.20	-1.20	13.10	-4.70	4.90
6/19/2013 2:15	0.20	-1.20	13.20	-4.70	4.90
6/19/2013 2:30	0.20	-1.20	13.10	-4.80	5.00
6/19/2013 2:45	13.10	-4.70	0.20	-1.20	14.30
6/19/2013 3:00	13.20	-4.70	0.20	-1.20	14.40
6/19/2013 3:15	13.20	-4.60	0.20	-1.20	14.40
6/19/2013 3:30	13.20	-4.70	0.20	-1.20	14.40
6/19/2013 3:45	0.20	-1.20	13.20	-4.60	4.80
6/19/2013 4:00	0.20	-1.20	13.20	-4.60	4.80
6/19/2013 4:15	13.20	-4.60	0.20	-1.20	14.40
6/19/2013 4:30	13.10	-3.90	0.20	-1.20	14.30
6/19/2013 4:45	13.10	-4.00	0.20	-1.20	14.30
6/19/2013 5:00	13.20	-4.10	0.20	-1.20	14.40
6/19/2013 5:15	0.30	-1.20	13.20	-3.80	4.10
6/19/2013 5:30	0.30	-1.20	13.20	-4.00	4.30
6/19/2013 5:45	0.30	-1.20	13.10	-3.90	4.20
6/19/2013 6:00	0.30	-1.20	13.20	-4.60	4.90
6/19/2013 6:15	13.20	-4.50	0.30	-1.20	14.40
6/19/2013 6:30	13.10	-4.50	0.20	-1.20	14.30
6/19/2013 6:45	13.20	-4.50	0.20	-1.20	14.40
6/19/2013 7:00	0.20	-1.30	13.20	-4.60	4.80
6/19/2013 7:15	0.10	-1.40	13.20	-4.50	4.60
6/19/2013 7:30	13.20	-4.50	0.10	-1.50	14.70
6/19/2013 7:45	0.10	-1.50	13.20	-4.50	4.60
6/19/2013 8:00	13.10	-4.50	0.00	-1.60	14.70
6/19/2013 8:15	13.20	-4.50	-0.10	-1.60	14.80
6/19/2013 8:30	13.20	-4.50	-0.40	-1.60	14.80
6/19/2013 8:45	13.30	-4.60	-1.00	-1.60	14.90
6/19/2013 9:00	-1.80	-1.60	13.10	-4.50	2.90
6/19/2013 9:15	-2.00	-1.50	13.20	-4.50	3.00
6/19/2013 9:30	-1.90	-1.50	13.10	-4.60	3.10
6/19/2013 9:45	-0.40	-1.50	13.20	-4.60	4.20
6/19/2013 10:15	13.60	0.50	-1.70	-1.50	15.30
6/19/2013 10:30	13.70	0.00	-1.50	-1.50	15.20
6/19/2013 10:45	-0.20	-2.50	10.90	0.20	0.00
6/19/2013 11:00	-0.30	0.00	-1.50	0.10	1.50
6/19/2013 11:15	-1.20	0.10	0.50	0.10	0.00
6/19/2013 11:30	1.40	0.10	0.60	0.30	1.10
6/19/2013 11:45	0.60	0.30	2.00	0.00	0.60
6/19/2013 12:00	2.10	-0.10	0.60	0.30	1.80
6/19/2013 12:15	0.60	0.30	2.00	-0.10	0.70
6/19/2013 12:30	2.30	-0.10	0.60	0.30	2.00
7/8/2013 0:00	2.40	0.30	1.00	0.50	1.90
7/8/2013 0:15	2.20	0.20	1.00	0.50	1.70
7/8/2013 0:30	1.00	0.50	2.20	0.30	0.70
7/8/2013 0:45	1.00	0.50	2.30	0.30	0.70
7/8/2013 1:00	2.20	0.30	1.00	0.50	1.70
7/8/2013 1:15	2.30	0.40	1.00	0.50	1.80
7/8/2013 1:30	2.20	0.30	1.00	0.50	1.70
7/8/2013 1:45	1.00	0.50	2.30	0.40	0.60
7/8/2013 2:00	1.00	0.60	2.40	0.30	0.70
7/8/2013 2:15	2.20	0.30	1.00	0.60	1.60
7/8/2013 2:30	1.00	0.60	2.20	0.40	0.60
7/8/2013 2:45	2.20	0.30	1.00	0.60	1.60



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/8/2013 3:00	2.30	0.30	1.00	0.60	1.70
7/8/2013 3:15	1.00	0.60	2.10	0.40	0.60
7/8/2013 3:30	2.20	0.40	1.00	0.60	1.60
7/8/2013 3:45	1.00	0.60	2.40	0.30	0.70
7/8/2013 4:00	1.00	0.50	2.30	0.30	0.70
7/8/2013 4:15	2.10	0.30	1.00	0.60	1.50
7/8/2013 4:30	2.20	0.40	1.00	0.60	1.60
7/8/2013 4:45	1.00	0.60	2.30	0.30	0.70
7/8/2013 5:00	2.30	0.40	1.00	0.60	1.70
7/8/2013 5:15	2.20	0.40	1.00	0.70	1.50
7/8/2013 5:30	1.00	0.60	2.20	0.40	0.60
7/8/2013 5:45	1.00	0.60	2.30	0.20	0.80
7/8/2013 6:00	2.20	0.40	1.00	0.60	0.00
7/8/2013 6:15	1.00	0.50	2.10	0.30	0.70
7/8/2013 6:30	1.00	0.50	2.30	0.30	0.70
7/8/2013 6:45	1.00	0.50	2.20	0.30	0.70
7/8/2013 7:00	1.00	0.50	5.50	0.40	0.60
7/8/2013 7:15	4.10	0.30	1.00	0.30	3.80
7/8/2013 7:30	1.00	0.50	2.30	0.30	0.70
7/8/2013 7:45	1.00	0.50	2.20	0.30	0.70
7/8/2013 8:00	2.00	0.30	1.00	0.50	1.50
7/8/2013 8:15	1.00	0.50	2.00	0.30	0.70
7/8/2013 8:30	20.00	0.20	1.00	0.30	19.70
7/8/2013 8:45	1.10	0.00	1.00	-0.10	1.20
7/8/2013 9:00	2.30	-0.10	0.70	-0.30	2.60
7/8/2013 9:15	0.90	-0.20	2.60	0.00	0.90
7/8/2013 9:30	0.90	0.10	1.90	0.00	0.90
7/8/2013 9:45	1.10	0.10	1.00	0.30	0.80
7/8/2013 10:15	0.60	47.70	0.00	0.40	47.70
7/8/2013 10:30	-0.40	28.90	15.80	53.00	13.10
7/8/2013 10:45	-1.20	4.80	-0.10	0.50	4.90
7/8/2013 11:00	-0.40	-0.80	0.60	2.10	0.00
7/8/2013 11:15	-0.40	1.90	1310.40	619.00	0.00
7/8/2013 11:30	8.80	1348.20	1.10	3.20	1347.10
7/8/2013 11:45	-0.50	0.10	-0.60	4.40	0.70
7/8/2013 12:00	-0.50	-1.20	-0.70	8.50	0.20
7/8/2013 12:15	-0.50	-1.10	5.10	9.10	0.00
7/8/2013 12:30	-0.40	-0.80	2.50	2.10	0.00
7/8/2013 12:45	1.50	2.10	-0.50	154.40	2.60
7/8/2013 13:00	4.90	12.00	-0.30	-0.50	12.50
7/8/2013 13:15	-0.40	-0.90	0.30	4.90	0.00
7/8/2013 13:30	-0.40	5.60	0.80	1.60	4.80
7/8/2013 13:45	1.40	1.50	-0.10	-0.10	1.60
7/8/2013 14:00	1.40	-0.10	0.10	0.20	1.30
7/8/2013 14:15	1.30	-0.40	0.10	0.20	1.20
7/8/2013 14:30	0.20	0.20	1.50	-0.20	0.40
7/8/2013 14:45	1.60	0.00	0.40	0.20	1.40
7/8/2013 15:00	0.60	0.30	1.70	0.00	0.60
7/8/2013 15:15	0.60	0.30	1.70	0.00	0.60
7/8/2013 15:30	0.60	0.20	1.80	0.10	0.50
7/8/2013 15:45	1.70	0.10	0.60	0.20	1.50
7/8/2013 16:00	0.60	0.20	1.80	0.10	0.50
7/8/2013 16:15	1.70	0.00	0.70	0.20	1.50
7/8/2013 16:30	0.70	-1.00	1.70	0.10	0.60
7/8/2013 16:45	0.70	0.20	1.60	0.10	0.60
7/8/2013 17:00	2.20	0.20	0.70	0.30	1.90
7/8/2013 17:15	1.80	2.40	2.00	1.20	1.20
7/8/2013 17:30	0.30	1.70	2.70	4.10	0.00
7/8/2013 17:45	2.70	5.40	0.00	3.10	5.40
7/8/2013 18:00	2.90	3.70	0.50	2.40	3.20
7/8/2013 18:15	10.80	22.10	0.10	4.10	22.00
7/8/2013 18:30	15.90	28.00	1.20	3.30	26.80
7/8/2013 18:45	1.00	3.00	21.80	15.50	0.00
7/8/2013 19:00	20.40	16.70	0.40	2.00	20.00
7/8/2013 19:15	0.40	3.50	21.50	16.70	0.00
7/8/2013 19:30	1.40	1.90	19.10	22.60	0.00
7/8/2013 19:45	0.90	2.10	14.20	16.20	0.00
7/9/2013 0:00	8.00	7.50	2.10	7.10	5.90
7/9/2013 0:15	6.80	7.40	2.70	6.30	4.70
7/9/2013 0:30	2.20	3.20	5.50	8.20	0.00
7/9/2013 0:45	6.20	7.60	2.80	3.80	4.80
7/9/2013 1:00	9.70	4.60	7.10	6.60	3.10
7/9/2013 1:15	5.80	6.30	7.00	4.00	2.30
7/9/2013 1:30	4.50	5.50	6.00	6.90	0.00
7/9/2013 1:45	7.20	9.20	4.70	7.20	4.50
7/9/2013 2:00	8.60	7.20	6.50	11.00	2.10
7/9/2013 2:15	5.90	6.70	11.50	11.10	0.00
7/9/2013 2:30	6.30	6.60	21.20	13.10	0.00
7/9/2013 2:45	7.60	7.60	27.30	31.80	0.00
7/9/2013 3:00	6.20	6.80	39.00	23.90	0.00
7/9/2013 3:15	6.00	7.00	34.70	39.80	0.00
7/9/2013 3:30	6.30	6.70	33.30	34.60	0.00
7/9/2013 3:45	6.60	6.60	29.80	29.10	0.00
7/9/2013 4:00	5.50	6.70	16.30	23.00	0.00
7/9/2013 4:15	42.60	18.40	15.00	19.80	27.60
7/9/2013 4:30	18.60	20.60	33.30	40.50	0.00
7/9/2013 4:45	26.30	40.60	0.40	3.90	40.20
7/9/2013 5:00	21.10	41.30	5.30	8.10	36.00
7/9/2013 5:15	2.10	1.70	0.30	7.40	1.80



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Confined Disposal Facility
Real-Time Turbidity Data
4-2-13 to 8-2-13
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/9/2013 5:30	2.00	1.20	0.40	7.50	1.60
7/9/2013 5:45	2.10	1.10	2.00	11.30	0.10
7/9/2013 6:00	2.20	0.50	24.30	7.10	0.00
7/9/2013 6:15	2.10	1.50	53.60	6.40	0.00
7/9/2013 6:30	2.10	3.30	30.50	8.10	0.00
7/9/2013 6:45	3.10	3.90	21.80	6.30	0.00
7/9/2013 7:00	6.10	1.10	35.40	48.30	0.00
7/9/2013 7:15	8.00	6.00	22.50	7.30	0.70
7/9/2013 7:30	7.00	2.20	49.00	12.60	0.00
7/9/2013 7:45	8.60	2.30	18.00	6.90	1.70
7/9/2013 8:00	9.50	1.50	0.40	2.50	9.10
7/9/2013 8:15	12.60	2.10	5.30	6.50	7.30
7/9/2013 8:30	9.20	6.70	0.50	20.50	8.70
7/9/2013 8:45	8.30	11.30	0.70	163.60	10.60
7/9/2013 9:00	6.20	4.50	17.20	74.20	0.00
7/9/2013 9:15	7.20	2.50	32.50	86.70	0.00
7/9/2013 9:30	23.70	1.40	9.90	3.10	20.60
7/9/2013 9:45	13.60	22.10	19.10	2.40	19.70
7/9/2013 10:00	6.80	5.60	9.20	17.50	0.00
7/9/2013 10:15	10.60	17.50	5.20	8.30	12.30
7/9/2013 10:30	11.20	15.70	3.30	8.00	12.40
7/9/2013 10:45	12.20	16.10	3.10	6.00	13.00
7/9/2013 11:00	8.70	12.70	1.80	4.90	10.90
7/9/2013 11:15	2.50	1.60	7.70	15.00	0.00
7/9/2013 11:30	1.50	5.00	7.70	11.70	0.00
7/9/2013 11:45	1.10	4.50	7.60	11.80	0.00
7/9/2013 12:00	4.70	11.20	1.50	5.90	9.70
7/9/2013 12:15	1.30	3.40	4.30	12.30	0.00
7/9/2013 12:30	2.10	5.50	4.40	12.20	1.10
7/9/2013 12:45	1.60	4.50	4.30	12.50	0.20
7/9/2013 13:00	1.80	5.20	5.00	13.10	0.20
7/9/2013 13:15	1.90	4.40	4.50	13.40	0.00
7/9/2013 13:30	4.40	2.80	4.70	14.00	0.00
7/9/2013 13:45	1.90	5.20	8.10	13.40	0.00
7/9/2013 14:00	2.20	4.10	3.70	14.50	0.40
7/9/2013 14:15	15.00	17.90	4.00	14.60	13.90
7/9/2013 14:30	3.00	18.60	8.00	18.60	10.60
7/9/2013 14:45	4.20	13.70	5.10	14.40	8.60
7/9/2013 15:00	6.60	12.80	2.50	12.50	10.30
7/9/2013 15:15	8.50	13.70	5.40	14.60	8.30
7/9/2013 15:30	9.90	29.00	4.70	10.30	24.30
7/9/2013 15:45	26.60	36.20	4.30	9.10	31.90
7/9/2013 16:00	16.30	60.40	3.80	10.10	56.60
7/9/2013 16:15	36.20	51.90	3.50	10.20	48.40
7/9/2013 16:30	4.30	9.80	33.80	49.60	0.00
7/9/2013 16:45	18.80	23.10	2.40	6.40	20.70
7/9/2013 17:00	10.50	19.60	8.30	16.90	11.30
7/10/2013 0:00	0.60	0.60	2.00	0.00	0.60
7/10/2013 0:15	2.10	0.00	0.30	0.60	1.80
7/10/2013 0:30	2.10	0.10	0.30	0.50	1.80
7/10/2013 0:45	2.10	0.10	0.20	0.50	1.90
7/10/2013 1:00	0.20	0.50	2.00	-0.10	0.60
7/10/2013 1:15	0.10	0.50	2.10	0.10	0.40
7/10/2013 1:30	0.10	0.50	2.10	0.00	0.50
7/10/2013 1:45	0.00	0.50	1.80	0.00	0.50
7/10/2013 2:00	2.10	0.10	0.00	0.50	0.00
7/10/2013 2:15	0.00	0.50	2.10	0.00	0.50
7/10/2013 2:30	0.00	0.50	2.00	0.00	0.50
7/10/2013 2:45	0.00	0.40	1.80	0.10	0.30
7/10/2013 3:00	2.00	0.00	-0.10	0.40	2.10
7/10/2013 3:15	2.10	0.10	-0.10	0.30	2.20
7/10/2013 3:30	2.10	0.00	-0.10	0.40	2.20
7/10/2013 3:45	-0.10	0.40	1.90	0.00	0.40
7/10/2013 4:00	-0.10	0.40	1.90	0.10	0.30
7/10/2013 4:15	2.00	0.10	-0.10	0.30	2.10
7/10/2013 4:30	-0.10	0.30	1.90	0.00	0.30
7/10/2013 4:45	1.90	0.10	-0.10	0.30	2.00
7/10/2013 5:00	-0.20	0.30	2.10	0.00	0.30
7/10/2013 5:15	1.90	0.00	-0.20	0.30	2.10
7/10/2013 5:30	2.00	-0.10	-0.20	0.20	2.20
7/10/2013 5:45	-0.20	0.30	1.90	0.00	0.30
7/10/2013 6:00	-0.10	0.40	1.90	0.00	0.40
7/10/2013 6:15	-0.10	0.40	2.00	0.00	0.40
7/10/2013 6:30	-0.10	0.40	1.90	0.00	0.40
7/10/2013 6:45	-0.10	0.40	2.00	0.00	0.40
7/10/2013 7:00	1.80	0.00	-0.20	0.40	2.00
7/10/2013 7:15	1.90	0.10	-0.20	0.30	2.10
7/10/2013 7:30	-0.20	0.30	2.00	0.00	0.30
7/11/2013 0:00	-0.20	0.60	2.30	0.30	0.30
7/11/2013 0:15	-0.30	0.60	2.30	0.30	0.30
7/11/2013 0:30	-0.30	0.50	2.30	0.30	0.20
7/11/2013 0:45	-0.30	0.50	2.20	0.30	0.20
7/11/2013 1:00	-0.30	0.60	2.20	0.30	0.30
7/11/2013 1:15	-0.30	0.60	2.30	0.30	0.30
7/11/2013 1:30	-0.30	0.50	2.30	0.20	0.30
7/11/2013 1:45	-0.30	0.50	2.30	0.30	0.20
7/11/2013 2:00	-0.30	0.50	2.20	0.30	0.20
7/11/2013 2:15	-0.30	0.50	2.30	0.30	0.20
7/11/2013 2:30	-0.30	0.50	2.20	0.30	0.20



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Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Turbidity Data
4-2-13 to 8-2-13
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/11/2013 2:45	2.20	0.30	-0.30	0.60	2.50
7/11/2013 3:00	2.30	0.30	-0.30	0.50	2.60
7/11/2013 3:15	-0.30	0.40	2.20	0.40	0.00
7/11/2013 3:30	-0.30	0.40	2.30	0.30	0.10
7/11/2013 3:45	-0.30	0.50	2.30	0.30	0.20
7/11/2013 4:00	-0.30	0.30	2.20	0.20	0.10
7/11/2013 4:15	-0.30	0.10	2.20	0.20	0.00
7/11/2013 4:30	-0.40	0.00	2.30	0.30	0.00
7/11/2013 4:45	-0.30	0.10	2.20	0.30	0.00
7/11/2013 5:00	2.30	0.30	-0.30	0.30	2.60
7/11/2013 5:15	-0.30	0.40	2.30	0.30	0.10
7/11/2013 5:30	-0.30	0.50	2.30	0.30	0.20
7/11/2013 5:45	-0.30	0.50	2.30	0.40	0.10
7/11/2013 6:00	-0.30	0.50	2.30	0.30	0.20
7/11/2013 6:15	2.30	0.30	-0.30	0.50	2.60
7/11/2013 6:30	2.30	0.40	-0.30	0.50	2.60
7/11/2013 6:45	-0.40	0.40	2.30	0.30	0.10
7/11/2013 7:00	2.20	0.30	-0.40	0.40	2.60
7/11/2013 7:15	-0.40	0.40	2.40	0.20	0.20
7/11/2013 7:30	-0.40	0.30	2.30	-0.10	0.40
7/11/2013 7:45	2.20	-0.10	-0.40	0.30	2.60
7/11/2013 8:00	2.10	-0.50	-0.40	0.30	2.50
7/11/2013 8:15	2.20	-0.60	-0.50	0.30	2.70
7/11/2013 8:30	2.20	-1.10	-0.50	0.30	2.70
7/11/2013 8:45	2.20	-1.70	-0.50	0.20	2.70
7/11/2013 9:00	2.20	-2.60	-0.50	0.20	2.70
7/11/2013 9:15	2.30	-2.90	-0.60	0.20	2.90
7/11/2013 9:30	2.10	-3.30	-0.60	0.20	2.70
7/11/2013 9:45	2.10	-3.40	-0.70	0.30	2.80
7/11/2013 10:00	2.20	-3.60	-0.70	0.20	2.90
7/11/2013 10:15	2.10	-3.70	-0.70	0.20	2.80
7/11/2013 10:30	-0.80	0.20	2.10	-3.70	3.90
7/11/2013 10:45	2.10	-3.70	-0.80	0.20	2.90
7/11/2013 11:00	2.00	-4.00	-0.80	0.20	2.80
7/11/2013 11:15	-0.90	0.20	2.00	-4.10	4.30
7/11/2013 11:30	-1.10	0.20	2.00	-3.90	4.10
7/11/2013 11:45	2.10	-4.00	-1.00	0.20	3.10
7/11/2013 12:00	2.10	-3.80	-1.00	0.20	3.10
7/11/2013 12:15	2.10	-3.40	-0.90	0.20	3.00
7/11/2013 12:30	-0.90	-6.90	2.20	-2.30	1.40
7/11/2013 12:45	2.00	-4.20	-0.80	0.10	2.80
7/11/2013 13:00	1.90	-4.50	-0.80	0.30	2.70
7/11/2013 13:15	1.80	-4.60	-0.90	0.20	0.00
7/11/2013 13:30	1.90	-4.50	-0.90	0.20	2.80
7/11/2013 13:45	1.90	-4.40	-0.90	0.20	2.80
7/11/2013 14:00	1.90	-4.40	-0.90	0.20	2.80
7/11/2013 14:15	2.00	-4.20	-0.90	0.20	2.90
7/11/2013 14:30	2.00	-4.30	-0.90	0.20	2.90
7/11/2013 14:45	-0.80	0.20	1.90	-3.20	3.40
7/11/2013 15:00	-0.70	0.20	2.10	-0.20	0.40
7/11/2013 15:15	-0.60	0.30	2.20	0.00	0.30
7/11/2013 15:30	-0.60	0.30	2.10	0.10	0.20
7/11/2013 15:45	-0.50	0.30	2.00	0.10	0.20
7/11/2013 16:00	-0.50	0.30	2.30	-1.80	2.10
7/11/2013 16:15	-0.50	0.20	2.30	0.10	0.10
7/11/2013 16:30	2.20	0.10	-0.40	0.30	2.60
7/11/2013 16:45	0.40	3.10	-0.40	0.30	3.50
7/11/2013 17:00	1.00	8.80	1.80	3.10	7.00
7/11/2013 17:15	1.90	2.70	0.50	4.50	2.20
7/11/2013 17:30	0.40	2.50	2.00	3.10	0.50
7/11/2013 17:45	0.40	3.10	1.80	2.50	1.30
7/11/2013 18:00	0.40	2.50	1.90	2.40	0.60
7/11/2013 18:15	0.30	3.80	1.80	2.30	2.00
7/11/2013 18:30	0.40	4.00	2.10	2.70	1.90
7/11/2013 18:45	0.20	2.90	2.70	6.00	0.20
7/11/2013 19:00	0.40	5.80	3.50	7.70	2.30
7/11/2013 19:15	1.20	8.10	11.60	4.50	3.60
7/11/2013 19:30	13.60	4.60	-0.30	6.10	13.90
7/11/2013 19:45	0.10	7.20	9.40	8.40	0.00
7/11/2013 20:00	9.10	7.90	0.20	8.10	8.90
7/11/2013 20:15	0.70	4.70	14.50	6.80	0.00
7/11/2013 20:30	0.10	22.20	3.80	7.20	0.00
7/11/2013 20:45	-0.10	17.60	7.10	8.70	10.50
7/12/2013 0:00	14.60	34.40	7.70	3.00	31.40
7/12/2013 0:15	1.20	2.90	19.00	31.30	0.00
7/12/2013 0:30	15.10	24.80	1.00	2.70	23.80
7/12/2013 0:45	13.20	17.80	1.20	3.30	16.60
7/12/2013 1:00	1.90	2.50	11.50	16.70	0.00
7/12/2013 1:15	3.40	2.70	10.40	16.70	0.00
7/12/2013 1:30	11.50	21.00	3.10	3.50	17.90
7/12/2013 1:45	4.90	6.80	20.50	35.00	0.00
7/12/2013 2:00	9.80	7.20	33.70	46.20	0.00
7/12/2013 2:15	5.70	7.10	18.50	32.50	0.00
7/12/2013 2:30	6.70	4.60	12.80	26.70	0.00
7/12/2013 2:45	5.70	4.60	20.80	26.50	0.00
7/12/2013 3:00	6.10	7.30	25.00	18.40	0.00
7/12/2013 3:15	26.30	21.20	7.40	4.40	21.90
7/12/2013 3:30	12.40	26.70	7.40	4.00	22.70
7/12/2013 3:45	67.80	19.40	6.20	7.10	61.60



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4-2-13 to 8-2-13
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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/12/2013 4:00	4.90	5.30	71.20	20.00	0.00
7/12/2013 4:15	3.60	10.90	76.00	24.20	0.00
7/12/2013 4:30	4.70	11.20	49.80	25.00	0.00
7/12/2013 4:45	42.00	38.10	3.60	8.00	38.40
7/12/2013 5:00	2.60	6.10	49.10	31.30	0.00
7/12/2013 5:15	2.80	5.80	14.00	20.60	0.00
7/12/2013 5:30	3.00	5.50	15.90	19.60	0.00
7/12/2013 5:45	2.70	6.00	9.80	17.00	0.00
7/12/2013 6:00	8.80	7.00	10.10	19.10	0.00
7/12/2013 6:15	11.90	24.00	10.00	6.30	17.70
7/12/2013 6:30	11.60	29.00	10.50	17.70	18.50
7/12/2013 6:45	13.30	20.60	8.30	13.90	12.30
7/12/2013 7:00	3.70	6.50	21.40	28.10	0.00
7/12/2013 7:15	9.90	31.70	6.00	9.40	25.70
7/12/2013 7:30	7.10	7.90	10.80	22.60	0.00
7/12/2013 7:45	6.20	7.60	14.70	18.10	0.00
7/12/2013 8:00	10.10	19.30	6.10	7.80	13.20
7/12/2013 8:15	9.30	16.50	4.30	9.40	12.20
7/12/2013 8:30	4.10	6.80	8.80	21.30	0.00
7/12/2013 8:45	32.40	19.20	8.20	15.90	24.20
7/12/2013 9:00	7.60	16.60	11.50	21.70	5.10
7/12/2013 9:15	4.80	14.80	7.20	14.90	7.60
7/12/2013 9:30	3.70	12.10	7.60	12.90	4.50
7/12/2013 9:45	8.40	9.70	7.10	12.10	2.60
7/12/2013 10:00	6.40	13.80	8.10	10.40	5.70
7/12/2013 10:15	6.60	14.10	6.50	11.60	7.60
7/12/2013 10:30	5.80	8.40	7.00	11.90	1.40
7/12/2013 10:45	6.40	10.00	6.70	11.90	3.30
7/12/2013 11:00	6.10	9.30	6.90	12.00	2.40
7/12/2013 11:15	6.90	10.60	3.00	7.60	7.60
7/12/2013 11:30	4.60	8.10	6.60	10.00	1.50
7/12/2013 11:45	6.60	10.30	3.20	8.30	7.10
7/12/2013 12:00	6.90	10.90	5.30	5.70	5.60
7/12/2013 12:15	4.00	6.40	7.50	12.30	0.00
7/12/2013 12:30	4.20	6.20	6.90	14.50	0.00
7/12/2013 12:45	6.70	14.30	4.20	6.30	10.10
7/12/2013 13:00	6.50	14.90	4.20	7.20	10.70
7/12/2013 13:15	6.90	15.90	4.10	6.50	11.80
7/12/2013 13:30	4.70	6.40	8.00	20.60	0.00
7/12/2013 13:45	10.10	21.80	4.50	7.10	17.30
7/12/2013 14:00	9.60	16.00	5.50	6.60	10.50
7/12/2013 14:15	4.90	7.10	19.80	21.60	0.00
7/12/2013 14:30	24.90	25.80	4.60	7.40	21.20
7/12/2013 14:45	24.20	23.60	5.30	6.90	18.90
7/12/2013 15:00	26.20	26.20	5.00	7.50	21.20
7/12/2013 15:15	26.30	25.40	5.20	7.20	21.10
7/12/2013 15:30	27.40	39.50	4.70	7.60	34.80
7/12/2013 15:45	25.10	26.90	4.20	6.60	22.70
7/12/2013 16:00	35.60	37.20	4.60	7.10	32.60
7/12/2013 16:15	29.90	30.00	3.60	6.50	26.40
7/12/2013 16:30	4.10	6.90	24.10	25.10	0.00
7/12/2013 16:45	4.40	9.70	22.60	32.00	0.00
7/12/2013 17:00	4.80	7.20	14.90	25.70	0.00
7/12/2013 17:15	3.40	6.10	16.30	13.50	0.00
7/12/2013 17:30	3.70	7.00	10.50	13.00	0.00
7/12/2013 17:45	4.40	9.10	14.50	15.00	0.00
7/12/2013 18:00	4.50	8.10	11.30	15.00	0.00
7/12/2013 18:15	3.80	6.50	15.60	18.20	0.00
7/12/2013 18:30	3.90	6.20	16.60	16.50	0.00
7/12/2013 18:45	3.70	13.00	18.60	14.40	0.00
7/12/2013 19:00	3.20	16.40	18.20	12.80	3.60
7/12/2013 19:15	3.60	6.50	10.00	11.80	0.00
7/12/2013 19:30	6.60	11.10	11.80	13.20	0.00
7/12/2013 19:45	7.20	11.50	8.70	12.30	2.80
7/12/2013 20:00	6.50	12.20	7.40	12.20	4.80
7/12/2013 20:15	6.10	11.70	9.00	14.20	2.70
7/12/2013 20:30	6.00	10.70	8.80	13.90	1.90
7/12/2013 20:45	6.20	12.10	7.90	13.10	4.20
7/12/2013 21:00	8.30	12.80	5.90	11.60	6.90
7/12/2013 21:15	8.80	10.30	5.30	9.50	5.00
7/13/2013 0:00	6.70	13.60	5.70	16.70	7.90
7/13/2013 0:15	7.90	17.00	5.90	11.70	11.10
7/13/2013 0:30	5.70	10.50	5.90	12.90	4.60
7/13/2013 0:45	5.80	12.10	5.60	11.10	6.50
7/13/2013 1:00	6.20	23.80	5.00	13.70	18.80
7/13/2013 1:15	5.60	24.60	5.70	12.80	18.90
7/13/2013 1:30	5.60	11.70	5.70	5.80	6.00
7/13/2013 1:45	4.90	10.40	7.80	7.90	2.60
7/13/2013 2:00	5.00	15.70	3.90	9.90	11.80
7/13/2013 2:15	6.30	11.20	5.30	13.60	5.90
7/13/2013 2:30	5.10	12.50	5.50	10.60	7.00
7/13/2013 2:45	5.00	11.90	8.50	9.70	3.40
7/13/2013 3:00	5.50	14.50	6.00	7.80	8.50
7/13/2013 3:15	18.10	12.10	6.20	11.60	11.90
7/13/2013 3:30	12.20	10.10	5.90	12.70	6.30
7/13/2013 3:45	9.70	8.00	5.10	12.60	4.60
7/13/2013 4:00	4.90	9.00	9.70	8.70	0.30
7/13/2013 4:15	4.70	10.00	6.90	9.60	3.10
7/13/2013 4:30	8.80	9.70	4.70	7.90	5.00



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(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/13/2013 4:45	6.90	9.20	7.50	10.70	1.70
7/13/2013 5:00	6.40	10.20	6.50	9.40	3.70
7/13/2013 5:15	7.30	50.30	5.60	8.30	44.70
7/13/2013 5:30	6.10	6.70	18.40	33.20	0.00
7/13/2013 5:45	23.00	34.80	3.80	7.60	31.00
7/13/2013 6:00	4.00	6.30	20.30	29.70	0.00
7/13/2013 6:15	11.20	25.30	6.70	9.00	18.60
7/13/2013 6:30	10.70	25.20	5.90	11.20	19.30
7/13/2013 6:45	9.30	11.10	11.40	29.10	0.00
7/13/2013 7:00	12.20	28.20	8.10	9.60	20.10
7/13/2013 7:15	9.10	28.10	9.80	11.90	18.30
7/13/2013 7:30	10.30	7.60	8.60	27.80	1.70
7/13/2013 7:45	7.90	8.90	8.40	23.90	0.50
7/13/2013 8:00	9.00	11.90	8.10	22.20	3.80
7/13/2013 8:15	5.70	11.30	8.00	18.20	3.30
7/13/2013 8:30	7.60	17.30	7.20	10.20	10.10
7/13/2013 8:45	7.70	17.10	8.20	12.60	8.90
7/13/2013 9:15	5.10	19.10	7.80	10.80	11.30
7/13/2013 9:30	5.10	19.10	8.80	10.00	10.30
7/13/2013 9:45	9.00	7.50	6.70	18.30	2.30
7/13/2013 10:00	9.10	8.10	6.60	18.90	2.50
7/13/2013 10:15	4.50	16.90	7.50	8.30	9.40
7/13/2013 10:30	8.80	6.70	5.30	16.60	3.50
7/13/2013 10:45	7.60	12.80	6.70	9.50	6.10
7/13/2013 11:00	5.30	10.10	4.20	13.10	5.90
7/13/2013 11:15	4.40	10.70	5.60	12.80	5.10
7/13/2013 11:30	6.90	12.60	3.40	7.80	9.20
7/13/2013 11:45	3.80	8.60	5.60	11.40	3.00
7/13/2013 12:00	6.40	11.10	3.90	7.60	7.20
7/13/2013 12:15	10.80	10.80	5.10	9.10	5.70
7/13/2013 12:30	4.40	6.70	9.60	11.80	0.00
7/13/2013 12:45	8.50	11.30	5.00	8.60	6.30
7/13/2013 13:00	6.70	10.80	5.30	7.40	5.50
7/13/2013 13:15	8.30	10.80	4.20	8.80	6.60
7/13/2013 13:30	9.40	10.60	3.60	10.00	7.00
7/13/2013 13:45	4.00	7.20	8.80	10.60	0.00
7/13/2013 14:00	9.40	11.20	3.80	10.20	7.40
7/13/2013 14:15	12.20	11.30	3.00	8.70	9.20
7/13/2013 14:30	11.30	12.50	2.80	8.70	9.70
7/13/2013 14:45	10.00	10.40	3.60	7.70	6.80
7/13/2013 15:00	3.70	9.00	9.90	11.00	0.00
7/13/2013 15:15	9.20	11.70	5.90	8.60	5.80
7/13/2013 15:30	6.30	13.30	9.00	11.40	4.30
7/13/2013 15:45	3.90	7.50	9.50	11.90	0.00
7/13/2013 16:00	2.90	8.10	9.00	10.20	0.00
7/13/2013 16:15	5.30	11.60	9.20	11.30	2.40
7/13/2013 16:30	5.00	12.10	10.20	10.20	1.90
7/13/2013 16:45	5.40	7.40	10.00	8.50	0.00
7/13/2013 17:00	10.80	11.80	20.90	17.90	0.00
7/13/2013 17:15	16.10	9.60	8.50	12.20	7.60
7/13/2013 17:30	9.70	9.90	7.90	12.20	0.00
7/13/2013 17:45	10.10	12.60	8.20	10.20	4.40
7/13/2013 18:00	8.70	10.20	7.70	10.40	2.50
7/13/2013 18:15	6.30	11.90	8.10	11.00	3.80
7/13/2013 18:30	6.70	10.10	7.30	9.70	2.80
7/13/2013 18:45	6.50	10.60	6.90	9.40	3.70
7/13/2013 19:00	6.50	10.90	7.10	9.40	3.80
7/13/2013 19:15	5.60	9.70	7.00	10.50	2.70
7/13/2013 19:30	6.10	11.20	6.90	10.40	4.30
7/13/2013 19:45	5.50	9.60	8.60	10.30	1.00
7/13/2013 20:00	8.70	9.40	11.80	25.30	0.00
7/13/2013 20:15	16.60	23.90	10.00	9.50	14.40
7/13/2013 20:30	14.90	22.60	8.40	9.20	14.20
7/13/2013 20:45	10.40	9.20	22.20	30.70	0.00
7/13/2013 21:00	9.20	9.30	13.20	21.60	0.00
7/13/2013 21:15	10.70	12.30	5.40	10.40	6.90
7/13/2013 21:30	8.30	13.10	7.20	9.80	5.90
7/13/2013 21:45	10.70	25.20	4.30	8.40	20.90
7/13/2013 22:00	7.00	17.30	5.20	7.70	12.10
7/13/2013 22:15	7.90	13.60	5.10	7.80	8.50
7/13/2013 22:30	5.30	7.60	6.50	12.60	1.10
7/13/2013 22:45	6.40	12.10	5.00	6.90	7.10
7/13/2013 23:00	6.60	11.20	5.30	7.10	5.90
7/13/2013 23:15	6.50	11.50	3.70	6.70	7.80
7/14/2013 0:00	7.60	12.80	3.40	5.40	9.40
7/14/2013 0:15	5.90	18.00	4.00	4.80	14.00
7/14/2013 0:30	6.20	10.70	12.40	15.30	0.00
7/14/2013 0:45	6.40	14.00	12.20	13.60	1.80
7/14/2013 1:00	15.10	16.40	6.40	11.10	10.00
7/14/2013 1:15	13.80	12.80	7.20	32.90	6.60
7/14/2013 1:30	11.60	13.50	8.90	11.30	4.60
7/14/2013 1:45	10.60	13.20	5.40	10.70	7.80
7/14/2013 2:00	10.20	12.30	5.80	22.10	6.50
7/14/2013 2:15	7.40	16.70	10.90	13.20	5.80
7/14/2013 2:30	10.50	12.20	31.70	13.40	0.00
7/14/2013 2:45	10.60	11.60	28.90	22.40	0.00
7/14/2013 3:00	9.60	10.90	32.20	19.70	0.00
7/14/2013 3:15	8.70	10.90	24.60	13.90	0.00
7/14/2013 3:30	8.80	10.60	12.00	18.60	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/14/2013 3:45	22.50	61.20	7.90	10.50	53.30
7/14/2013 4:00	8.80	10.50	38.90	24.80	0.00
7/14/2013 4:15	10.80	10.50	36.40	38.80	0.00
7/14/2013 4:30	14.60	12.50	27.50	22.70	0.00
7/14/2013 4:45	14.50	14.40	31.60	24.90	0.00
7/14/2013 5:00	32.80	27.90	14.20	13.60	19.20
7/14/2013 5:15	31.30	28.70	12.50	12.70	18.80
7/14/2013 5:30	8.90	12.90	33.50	26.40	0.00
7/14/2013 5:45	34.40	23.40	9.30	10.00	25.10
7/14/2013 6:00	8.20	8.80	64.80	19.70	0.00
7/14/2013 6:15	8.40	11.60	45.90	17.10	0.00
7/14/2013 6:30	8.10	9.50	52.10	64.00	0.00
7/14/2013 6:45	9.30	7.90	43.80	58.50	0.00
7/14/2013 7:00	13.80	8.90	43.30	87.30	0.00
7/14/2013 7:15	8.60	9.40	45.70	25.90	0.00
7/14/2013 7:30	8.60	9.90	43.10	31.60	0.00
7/14/2013 7:45	10.70	8.80	42.30	26.40	0.00
7/14/2013 8:00	8.40	8.40	35.40	21.30	0.00
7/14/2013 8:15	8.90	8.10	38.60	43.40	0.00
7/14/2013 8:30	34.50	23.70	9.00	8.00	26.50
7/14/2013 8:45	29.20	22.30	9.10	7.90	21.30
7/14/2013 9:00	7.20	8.00	28.50	22.10	0.00
7/14/2013 9:15	8.40	8.10	27.40	28.80	0.00
7/14/2013 9:30	27.10	36.40	8.90	8.00	28.40
7/14/2013 9:45	8.30	7.50	26.20	26.90	0.00
7/14/2013 10:00	7.90	7.40	19.20	117.10	0.00
7/14/2013 10:15	9.30	6.70	29.50	40.40	0.00
7/14/2013 10:30	43.80	50.00	7.20	8.00	0.00
7/14/2013 10:45	7.00	6.80	43.80	20.90	0.00
7/14/2013 11:00	6.20	7.50	36.30	24.30	0.00
7/14/2013 11:15	29.30	37.80	14.70	8.80	29.00
7/14/2013 11:30	14.80	9.90	34.90	25.50	0.00
7/14/2013 11:45	7.70	9.80	49.10	25.70	0.00
7/14/2013 12:00	8.80	6.70	34.40	22.70	0.00
7/14/2013 12:15	13.00	6.60	48.90	25.70	0.00
7/14/2013 12:30	11.40	6.40	11.40	31.80	0.00
7/14/2013 12:45	12.50	9.20	10.70	25.50	1.80
7/14/2013 13:00	12.40	7.30	21.70	29.20	0.00
7/14/2013 13:15	11.20	7.10	9.90	21.40	1.30
7/14/2013 13:30	11.30	6.60	9.70	21.50	1.60
7/14/2013 13:45	11.10	6.50	8.30	17.70	2.80
7/14/2013 14:00	9.90	6.10	10.10	17.20	0.00
7/14/2013 14:15	8.70	6.10	8.90	27.00	0.00
7/14/2013 14:30	9.40	33.10	9.10	7.00	26.10
7/14/2013 14:45	7.90	7.90	9.60	46.10	0.00
7/14/2013 15:00	6.30	40.70	9.80	9.20	31.50
7/14/2013 15:15	9.00	40.00	9.80	8.40	31.60
7/14/2013 15:30	8.40	6.80	10.30	40.20	0.00
7/14/2013 15:45	14.60	20.10	11.30	8.20	11.90
7/14/2013 16:00	18.50	32.00	14.40	9.10	22.90
7/14/2013 16:15	17.50	38.00	11.70	8.90	29.10
7/14/2013 16:30	38.50	52.70	10.30	10.50	42.40
7/14/2013 16:45	30.90	53.70	12.60	11.10	42.60
7/14/2013 17:00	4.90	49.80	11.00	12.40	38.80
7/14/2013 17:15	8.50	46.00	10.90	9.20	36.80
7/14/2013 17:30	22.30	10.10	9.10	47.40	13.20
7/14/2013 17:45	24.60	7.50	5.80	38.50	18.80
7/14/2013 18:00	4.30	37.30	24.40	6.50	30.80
7/14/2013 18:15	4.80	15.20	26.40	8.50	6.70
7/14/2013 18:30	4.90	17.50	31.40	8.70	8.80
7/14/2013 18:45	4.50	19.50	24.00	9.50	10.00
7/14/2013 19:00	4.90	14.30	19.40	8.80	5.50
7/14/2013 19:15	4.70	18.50	16.70	10.40	8.10
7/14/2013 19:30	4.90	15.70	21.00	14.00	1.70
7/14/2013 19:45	4.70	23.60	21.80	13.90	9.70
7/14/2013 20:00	5.20	25.10	16.90	11.10	14.00
7/14/2013 20:15	5.10	29.70	17.50	8.90	20.80
7/14/2013 20:30	21.50	8.30	4.70	21.40	16.80
7/14/2013 20:45	4.40	15.20	20.60	8.40	6.80
7/14/2013 21:00	17.40	9.00	4.80	14.80	12.60
7/14/2013 21:15	13.50	8.20	15.80	24.50	0.00
7/14/2013 21:30	9.40	18.60	9.00	8.80	9.80
7/14/2013 21:45	6.60	28.10	25.60	32.80	2.50
7/14/2013 22:00	10.70	17.30	14.00	31.60	3.30
7/14/2013 22:15	10.60	32.00	9.30	18.90	22.70
7/15/2013 0:00	15.60	19.80	20.50	20.50	0.00
7/15/2013 0:15	21.90	16.40	19.80	26.80	2.10
7/15/2013 0:30	10.80	13.40	24.50	23.80	0.00
7/15/2013 0:45	15.20	21.60	7.20	34.90	14.40
7/15/2013 1:00	15.50	15.50	49.80	104.00	0.00
7/15/2013 1:15	20.40	12.00	50.30	19.60	0.80
7/15/2013 1:30	19.50	14.40	5.70	12.40	13.80
7/15/2013 1:45	32.80	12.10	15.00	17.10	17.80
7/15/2013 2:00	28.40	11.40	14.40	9.20	19.20
7/15/2013 2:15	17.00	11.00	36.90	11.10	5.90
7/15/2013 2:30	13.20	8.30	23.60	9.70	3.50
7/15/2013 2:45	8.60	8.10	8.80	9.20	0.00
7/15/2013 3:00	7.40	8.50	8.90	8.70	0.00
7/15/2013 3:15	9.40	9.00	16.40	31.20	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/15/2013 3:30	9.90	8.50	10.80	8.80	1.10
7/15/2013 3:45	7.70	11.40	10.50	8.70	2.70
7/15/2013 4:00	5.90	11.10	9.40	10.50	1.70
7/15/2013 4:15	8.50	12.00	5.40	11.50	6.60
7/15/2013 4:30	9.50	7.00	6.90	26.60	2.60
7/15/2013 4:45	33.20	17.50	9.20	13.20	24.00
7/15/2013 5:00	16.80	21.60	13.80	9.20	12.40
7/15/2013 5:15	10.60	8.70	20.10	12.60	0.00
7/15/2013 5:30	9.80	6.40	19.60	13.20	0.00
7/15/2013 5:45	9.30	6.10	18.50	16.60	0.00
7/15/2013 6:00	33.60	33.80	9.90	6.40	27.40
7/15/2013 6:15	11.70	6.20	27.30	15.70	0.00
7/15/2013 6:30	11.80	6.90	53.80	33.10	0.00
7/15/2013 6:45	11.40	17.40	55.30	31.90	0.00
7/15/2013 7:00	10.80	12.60	12.80	17.10	0.00
7/15/2013 7:15	10.90	10.30	10.70	15.70	0.20
7/15/2013 7:30	11.60	14.20	13.20	12.30	1.90
7/15/2013 7:45	11.80	150.50	14.70	13.70	136.80
7/15/2013 8:00	12.20	13.50	45.30	57.80	0.00
7/15/2013 8:15	14.60	16.00	45.70	51.30	0.00
7/15/2013 8:30	15.50	12.10	43.00	36.10	0.00
7/15/2013 8:45	18.10	10.40	35.50	26.30	0.00
7/15/2013 9:00	15.30	7.80	28.50	23.20	0.00
7/15/2013 9:15	14.90	6.90	31.70	33.20	0.00
7/15/2013 9:30	10.00	6.70	28.70	33.60	0.00
7/15/2013 9:45	13.50	6.80	29.70	28.30	0.00
7/15/2013 10:00	17.20	7.50	20.60	27.40	0.00
7/15/2013 10:15	23.00	9.90	30.20	27.90	0.00
7/15/2013 10:30	23.60	10.10	23.40	28.30	0.20
7/15/2013 10:45	26.60	29.20	12.30	8.20	21.00
7/15/2013 11:00	25.70	31.40	8.20	5.90	25.50
7/15/2013 11:15	8.70	5.40	26.00	28.70	0.00
7/15/2013 11:30	7.10	5.60	20.50	29.30	0.00
7/15/2013 11:45	8.30	6.10	16.20	28.80	0.00
7/15/2013 12:00	6.80	4.80	20.00	16.80	0.00
7/15/2013 12:15	5.80	4.50	13.50	15.20	0.00
7/15/2013 12:30	6.30	5.00	11.70	13.60	0.00
7/15/2013 12:45	6.50	5.20	19.40	14.40	0.00
7/15/2013 13:00	6.50	5.40	11.20	24.30	0.00
7/15/2013 13:15	6.20	5.20	13.20	38.80	0.00
7/15/2013 13:30	5.30	5.60	16.50	33.80	0.00
7/15/2013 13:45	5.80	5.80	16.00	40.80	0.00
7/15/2013 14:00	5.70	5.40	11.20	70.80	0.00
7/15/2013 14:15	5.50	5.60	10.70	48.20	0.00
7/15/2013 14:30	24.40	49.20	5.50	6.30	43.70
7/15/2013 14:45	52.30	60.90	6.20	5.50	55.40
7/15/2013 15:00	6.40	5.40	57.00	57.50	0.00
7/15/2013 15:15	30.00	48.50	5.90	5.30	43.20
7/15/2013 15:30	5.40	5.30	30.10	23.60	0.00
7/15/2013 15:45	31.10	25.80	9.70	6.40	24.70
7/15/2013 16:00	6.70	5.30	13.40	74.00	0.00
7/15/2013 16:15	6.80	6.00	20.30	14.40	0.00
7/15/2013 16:30	7.80	5.20	19.80	27.50	0.00
7/15/2013 16:45	8.20	6.20	32.80	24.40	0.00
7/15/2013 17:00	34.30	23.40	7.80	7.90	26.50
7/15/2013 17:15	32.90	29.80	8.60	9.20	24.30
7/15/2013 17:30	11.30	7.90	27.60	23.10	0.00
7/15/2013 17:45	9.10	11.50	33.20	22.40	0.00
7/15/2013 18:00	8.80	9.50	80.60	26.00	0.00
7/15/2013 18:15	11.80	29.90	8.80	8.90	21.10
7/15/2013 18:30	8.30	9.90	8.80	10.90	1.10
7/15/2013 18:45	8.00	8.80	6.90	9.20	1.90
7/15/2013 19:00	7.90	8.30	5.50	19.80	2.80
7/15/2013 19:15	8.00	7.60	5.40	35.50	2.60
7/15/2013 19:30	8.50	6.90	30.50	42.80	0.00
7/15/2013 19:45	8.60	6.30	26.10	27.20	0.00
7/15/2013 20:00	8.60	5.90	14.20	34.70	0.00
7/15/2013 20:15	9.40	6.40	22.40	30.00	0.00
7/15/2013 20:30	8.50	8.30	23.70	50.60	0.00
7/15/2013 20:45	7.40	6.30	51.90	44.10	0.00
7/15/2013 21:00	7.00	8.10	49.90	61.20	0.00
7/15/2013 21:15	7.20	7.30	36.10	37.70	0.00
7/15/2013 21:30	40.90	45.00	7.80	6.60	38.40
7/16/2013 0:00	35.80	37.30	8.30	6.50	30.80
7/16/2013 0:15	44.30	40.80	8.00	5.40	38.90
7/16/2013 0:30	58.10	54.30	8.00	6.60	51.50
7/16/2013 0:45	35.20	236.80	7.80	6.00	230.80
7/16/2013 1:00	55.10	60.70	7.20	5.40	55.30
7/16/2013 1:15	43.50	61.30	7.00	4.70	56.60
7/16/2013 1:30	54.80	36.60	6.90	8.90	47.90
7/16/2013 1:45	35.60	31.10	8.00	9.50	27.60
7/16/2013 2:00	50.50	31.60	8.10	8.90	42.40
7/16/2013 2:15	32.70	35.40	6.80	8.00	28.60
7/16/2013 2:30	6.70	8.00	16.40	43.00	0.00
7/16/2013 2:45	7.50	8.00	18.20	51.20	0.00
7/16/2013 3:00	25.40	52.80	9.20	10.20	43.60
7/16/2013 3:15	26.90	50.00	8.70	10.50	41.30
7/16/2013 3:30	7.90	10.10	29.70	47.70	0.00
7/16/2013 3:45	5.80	8.60	39.10	49.50	0.00



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Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Turbidity Data
4-2-13 to 8-2-13
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/16/2013 4:00	39.00	44.00	5.80	17.10	38.20
7/16/2013 4:15	34.00	24.00	11.60	38.70	22.40
7/16/2013 4:30	17.00	29.70	26.50	64.80	3.20
7/16/2013 4:45	21.90	29.60	9.20	38.10	20.40
7/16/2013 5:00	10.30	24.40	41.20	17.00	7.40
7/16/2013 5:15	31.10	15.40	17.30	30.90	13.80
7/16/2013 5:30	14.30	12.10	15.90	26.70	0.00
7/16/2013 5:45	23.10	26.80	17.20	17.80	9.60
7/16/2013 6:00	-1.30	-1.20	25.60	35.60	0.00
7/16/2013 6:15	-1.70	-1.40	-0.30	-1.00	0.00
7/16/2013 6:30	-0.20	-0.30	0.60	-0.80	0.60
7/16/2013 6:45	-0.30	0.00	1.80	-0.70	0.70
7/16/2013 7:00	-0.30	0.10	2.90	-0.30	0.40
7/16/2013 7:15	-0.40	0.20	2.80	-0.20	0.40
7/16/2013 7:30	2.60	-7.10	-0.30	0.30	2.90
7/16/2013 7:45	2.60	0.60	-0.30	0.30	2.90
7/16/2013 8:00	-0.20	-4.90	2.70	0.60	0.00
7/16/2013 8:15	2.80	0.60	-0.30	-0.70	3.50
7/16/2013 8:30	2.80	0.60	-0.30	0.10	3.10
7/16/2013 8:45	2.80	0.50	-0.30	0.20	3.10
7/16/2013 9:00	2.60	0.40	-0.30	0.10	2.90
7/16/2013 9:15	-0.30	0.00	2.70	0.00	0.00
7/16/2013 9:30	2.50	0.40	-0.30	-0.60	3.10
7/16/2013 9:45	-0.30	-1.70	2.60	-0.80	0.50
7/16/2013 10:00	2.50	-6.80	-0.30	-2.00	4.50
7/16/2013 10:15	-0.30	-0.60	2.00	-6.50	6.20
7/16/2013 10:30	2.70	0.40	-0.30	-0.90	3.60
7/16/2013 10:45	-2.30	-7.30	-0.20	-1.80	0.00
7/16/2013 11:00	-0.20	-2.40	-2.00	-7.30	7.10
7/16/2013 11:15	-0.30	-1.70	-0.90	-7.20	6.90
7/16/2013 11:30	-0.40	38.40	29.00	-4.30	42.70
7/17/2013 0:00	68.00	9.60	19.50	6.00	62.00
7/17/2013 0:15	21.20	5.50	86.20	17.30	3.90
7/17/2013 0:30	22.60	14.80	15.80	5.80	16.80
7/17/2013 0:45	13.20	6.50	36.30	4.20	9.00
7/17/2013 1:00	17.40	6.00	12.60	6.30	11.10
7/17/2013 1:15	15.90	18.40	14.60	6.80	11.60
7/17/2013 1:30	62.90	10.80	14.20	6.20	56.70
7/17/2013 1:45	76.20	7.20	11.50	6.00	0.00
7/17/2013 2:00	66.60	4.30	10.90	6.00	60.60
7/17/2013 2:15	43.30	2.80	10.90	6.30	37.00
7/17/2013 2:30	36.30	2.70	11.00	5.30	31.00
7/17/2013 2:45	16.80	16.10	11.50	4.50	12.30
7/17/2013 3:00	11.20	5.90	10.20	8.90	2.30
7/17/2013 3:15	16.00	4.80	10.70	5.50	10.50
7/17/2013 3:30	14.40	6.00	32.50	4.70	9.70
7/17/2013 3:45	18.20	6.80	11.00	7.20	11.00
7/17/2013 4:00	8.50	12.20	9.60	5.70	6.50
7/17/2013 4:15	6.30	6.00	9.80	9.40	0.00
7/17/2013 4:30	22.30	10.00	7.30	8.50	15.00
7/17/2013 4:45	11.60	8.20	5.60	7.30	6.00
7/17/2013 5:00	9.20	7.20	7.60	6.90	2.30
7/17/2013 5:15	14.90	9.60	6.00	8.20	8.90
7/17/2013 5:30	16.70	8.50	6.20	6.60	10.50
7/17/2013 5:45	9.00	8.10	5.20	5.40	3.80
7/17/2013 6:00	8.20	9.20	8.10	5.90	3.30
7/17/2013 6:15	15.60	18.60	12.40	14.80	6.20
7/17/2013 6:30	13.60	15.50	10.80	18.10	4.70
7/17/2013 6:45	28.90	14.10	12.60	17.50	16.30
7/17/2013 7:00	12.60	16.70	12.90	18.60	3.80
7/17/2013 7:15	12.10	14.70	10.80	16.80	3.90
7/17/2013 7:30	10.80	13.10	11.90	15.20	1.20
7/17/2013 7:45	10.90	13.40	12.00	16.20	1.40
7/17/2013 8:00	11.90	15.00	10.60	14.70	4.40
7/17/2013 8:15	11.00	14.70	9.90	14.00	4.80
7/17/2013 8:30	10.80	13.40	10.30	15.00	3.10
7/17/2013 8:45	9.10	12.90	9.90	14.80	3.00
7/17/2013 9:00	9.00	12.90	9.50	15.50	3.40
7/17/2013 9:15	8.90	13.70	11.80	15.20	1.90
7/17/2013 9:30	12.60	14.20	8.30	12.90	5.90
7/17/2013 9:45	10.40	12.90	13.40	12.60	0.30
7/17/2013 10:00	21.10	12.70	11.60	12.70	9.50
7/17/2013 10:15	15.80	14.80	19.00	13.60	2.20
7/17/2013 10:30	14.50	12.30	13.30	12.80	1.70
7/17/2013 10:45	24.30	11.80	13.20	12.00	12.30
7/17/2013 11:00	14.90	11.90	15.50	11.90	3.00
7/17/2013 11:15	9.00	14.20	10.60	12.90	3.60
7/17/2013 11:30	8.80	11.90	11.30	12.80	0.60
7/17/2013 11:45	12.90	15.50	9.40	12.30	6.10
7/17/2013 12:00	12.80	14.50	19.20	12.20	2.30
7/17/2013 12:15	12.30	11.70	12.90	13.70	0.00
7/17/2013 12:30	11.30	13.60	14.30	17.40	0.00
7/17/2013 12:45	11.00	14.60	12.00	20.20	2.60
7/17/2013 13:00	11.70	14.90	12.80	12.40	2.50
7/17/2013 13:15	11.30	9.00	10.50	16.10	0.80
7/17/2013 13:30	12.70	11.50	9.60	16.80	3.10
7/17/2013 13:45	16.90	10.80	11.60	18.40	5.30
7/17/2013 14:00	10.00	17.60	14.10	21.20	3.50
7/17/2013 14:15	12.60	16.60	17.20	17.90	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/17/2013 14:30	7.60	10.20	12.90	17.00	0.00
7/17/2013 14:45	15.00	23.70	8.60	7.60	16.10
7/17/2013 15:00	10.50	20.20	8.70	7.60	12.60
7/17/2013 15:15	10.20	18.10	8.10	7.70	10.40
7/17/2013 15:30	12.00	17.00	8.00	8.00	9.00
7/17/2013 15:45	10.80	20.00	8.10	8.30	11.90
7/17/2013 16:00	7.70	8.30	14.20	36.80	0.00
7/17/2013 16:15	20.40	22.50	9.20	8.20	14.30
7/17/2013 16:30	20.90	20.80	9.90	7.80	13.10
7/17/2013 16:45	30.00	30.40	17.80	7.30	23.10
7/17/2013 17:00	41.50	12.10	29.90	43.50	11.60
7/17/2013 17:15	33.20	17.00	85.10	9.20	24.00
7/17/2013 17:30	34.00	12.50	56.20	14.50	19.50
7/17/2013 17:45	80.30	5.40	43.80	15.20	65.10
7/17/2013 18:00	66.40	7.30	29.10	13.60	52.80
7/17/2013 18:15	43.20	10.50	41.40	7.30	35.90
7/17/2013 18:30	6.30	39.20	30.30	51.90	8.90
7/17/2013 18:45	19.40	6.80	39.00	58.80	0.00
7/17/2013 19:00	22.20	24.90	10.40	7.10	17.80
7/17/2013 19:15	21.50	19.60	15.50	14.80	6.70
7/17/2013 19:30	21.30	22.80	11.80	15.10	11.00
7/17/2013 19:45	13.40	14.90	16.10	15.80	0.00
7/17/2013 20:00	17.50	12.60	11.30	13.90	6.20
7/18/2013 0:00	-0.40	0.70	3.00	1.20	0.00
7/18/2013 0:15	3.50	1.20	-0.40	0.70	3.90
7/18/2013 0:30	3.40	1.00	-0.40	0.70	3.80
7/18/2013 0:45	3.50	0.90	-0.30	0.70	3.80
7/18/2013 1:00	3.60	0.90	-0.30	0.70	3.90
7/18/2013 1:15	3.70	0.90	-0.30	0.60	4.00
7/18/2013 1:30	-0.30	0.70	3.40	0.90	0.00
7/18/2013 1:45	-0.30	0.70	3.60	1.00	0.00
7/18/2013 2:00	-0.30	0.70	3.30	1.00	0.00
7/18/2013 2:15	3.40	0.90	-0.30	0.70	3.70
7/18/2013 2:30	3.40	1.00	-0.30	0.70	3.70
7/18/2013 2:45	3.60	0.90	-0.30	0.70	3.90
7/18/2013 3:00	-0.30	0.70	3.50	0.90	0.00
7/18/2013 3:15	3.50	1.00	-0.30	0.70	3.80
7/18/2013 3:30	3.50	0.90	-0.30	0.70	3.80
7/18/2013 3:45	-0.30	0.70	3.50	1.00	0.00
7/18/2013 4:00	-0.30	0.70	3.70	0.90	0.00
7/18/2013 4:15	-0.30	0.70	3.40	1.00	0.00
7/18/2013 4:30	-0.30	0.70	3.50	1.00	0.00
7/18/2013 4:45	-0.30	0.70	3.50	1.10	0.00
7/18/2013 5:00	-0.40	0.70	3.50	1.00	0.00
7/18/2013 5:15	3.40	1.00	-0.40	0.70	3.80
7/18/2013 5:30	3.50	0.90	-0.40	0.70	3.90
7/18/2013 5:45	3.50	1.00	-0.40	0.70	3.90
7/18/2013 6:00	3.40	1.10	-0.40	0.70	3.80
7/18/2013 6:15	-0.40	0.70	3.50	1.10	0.00
7/18/2013 6:30	-0.40	0.70	3.40	0.90	0.00
7/18/2013 6:45	-0.40	0.70	3.50	1.00	0.00
7/18/2013 7:00	3.50	0.90	-0.40	0.70	3.90
7/21/2013 0:00	-0.40	0.60	-0.70	1.60	1.30
7/21/2013 0:15	-0.70	1.60	0.00	0.90	1.60
7/21/2013 0:30	0.50	1.20	-0.60	1.60	1.80
7/21/2013 0:45	-0.30	1.60	3.90	1.20	0.40
7/21/2013 1:00	4.30	1.30	-0.10	1.60	4.40
7/21/2013 1:15	4.30	1.20	0.20	1.60	4.10
7/21/2013 1:30	4.30	1.20	0.60	1.70	3.70
7/21/2013 1:45	0.70	1.70	4.40	1.30	0.40
7/21/2013 2:00	0.80	1.70	4.40	1.20	0.50
7/21/2013 2:15	0.80	1.60	4.30	1.20	0.40
7/21/2013 2:30	4.30	1.20	0.80	1.60	3.50
7/21/2013 2:45	4.40	1.30	0.80	1.70	3.60
7/21/2013 3:00	4.40	1.40	0.90	1.70	3.50
7/21/2013 3:15	4.40	1.40	0.90	1.70	3.50
7/21/2013 3:30	0.90	1.70	4.40	1.20	0.50
7/21/2013 3:45	4.40	1.20	0.90	1.70	3.50
7/21/2013 4:00	4.40	1.20	0.90	1.70	3.50
7/21/2013 4:15	4.30	1.20	0.90	1.70	3.40
7/21/2013 4:30	4.40	1.20	0.90	1.80	3.50
7/21/2013 4:45	4.30	1.20	0.90	1.80	3.40
7/21/2013 5:00	4.40	1.20	0.90	1.80	3.50
7/21/2013 5:15	0.90	1.80	4.30	1.20	0.60
7/21/2013 5:30	0.90	1.80	4.50	1.10	0.70
7/21/2013 5:45	0.90	1.80	4.30	1.20	0.60
7/21/2013 6:00	0.80	1.80	4.20	1.20	0.60
7/21/2013 6:15	0.90	1.80	4.40	1.20	0.60
7/21/2013 6:30	4.30	1.10	0.90	1.80	3.40
7/21/2013 6:45	4.40	1.20	0.90	1.80	3.50
7/21/2013 7:00	4.40	1.20	0.90	1.80	3.50
7/21/2013 7:15	0.90	1.80	4.40	1.10	0.70
7/21/2013 7:30	0.90	1.80	4.40	1.00	0.80
7/21/2013 7:45	4.40	1.20	0.90	1.80	3.50
7/21/2013 8:00	4.40	-3.30	0.90	1.60	3.50
7/21/2013 8:15	4.40	-7.30	0.90	1.60	3.50
7/21/2013 8:30	0.90	1.60	4.20	0.00	1.60
7/21/2013 8:45	4.20	0.10	-0.20	1.60	4.40
7/21/2013 9:00	-0.60	1.60	4.10	-1.30	2.90



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**Indiana Harbor and Canal
Confined Disposal Facility**
*Real-Time Turbidity Data
4-2-13 to 8-2-13
(periods of dredging)*

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/21/2013 9:15	4.00	-4.70	0.50	1.60	3.50
7/21/2013 9:30	4.20	-4.60	0.60	1.60	3.60
7/21/2013 9:45	0.60	1.60	3.80	-5.10	6.70
7/21/2013 10:00	0.80	1.60	4.00	-4.70	6.30
7/21/2013 10:15	0.80	1.60	4.00	-3.60	5.20
7/21/2013 10:30	0.80	1.60	4.10	-4.30	5.90
7/21/2013 10:45	0.70	1.60	4.10	-4.30	5.90
7/21/2013 11:00	-2.50	1.60	3.80	-2.60	4.20
7/21/2013 11:15	-2.90	1.60	3.90	0.30	1.30
7/21/2013 11:30	-3.00	1.60	3.80	0.20	1.40
7/21/2013 11:45	-3.00	1.70	3.80	0.10	1.60
7/21/2013 12:00	-2.90	1.70	3.80	0.40	1.30
7/21/2013 12:15	-2.70	1.70	3.70	0.40	1.30
7/21/2013 12:30	-2.40	1.70	0.30	0.40	1.40
7/21/2013 12:45	-2.10	1.60	-6.10	0.30	7.70
7/21/2013 13:00	3.80	1.10	-1.80	1.60	5.60
7/21/2013 13:15	-1.20	1.60	3.70	0.30	1.30
7/21/2013 13:30	3.80	0.90	-0.90	1.60	4.70
7/21/2013 13:45	0.70	1.60	3.80	-1.00	2.60
7/21/2013 14:00	-1.70	1.50	3.80	-0.90	2.40
7/21/2013 14:15	-1.80	-0.20	-1.40	1.50	1.20
7/21/2013 14:30	1.10	1.70	3.90	1.50	0.20
7/21/2013 14:45	1.30	1.80	3.80	11.80	0.00
7/21/2013 15:00	4.60	12.10	6.40	18.30	0.00
7/21/2013 15:15	15.60	15.80	8.70	14.50	7.10
7/21/2013 15:30	14.40	8.90	7.40	10.50	7.00
7/21/2013 15:45	5.70	10.40	13.70	6.70	3.70
7/21/2013 16:00	5.40	8.10	13.60	5.40	2.70
7/21/2013 16:15	17.90	8.30	5.30	12.50	12.60
7/21/2013 16:30	5.90	9.00	29.90	9.10	0.00
7/21/2013 16:45	31.20	8.90	4.70	9.80	26.50
7/21/2013 17:00	17.40	8.80	8.50	7.10	10.30
7/21/2013 17:15	21.40	8.20	6.30	7.30	15.10
7/21/2013 17:30	6.30	9.30	15.10	6.30	3.00
7/21/2013 17:45	47.30	7.80	10.50	9.80	37.50
7/21/2013 18:00	28.40	8.90	5.20	11.80	23.20
7/21/2013 18:15	8.10	8.00	22.70	7.30	0.80
7/21/2013 18:30	97.60	4.70	18.20	6.60	91.00
7/21/2013 18:45	7.80	5.10	57.70	5.90	1.90
7/21/2013 19:00	57.00	6.10	13.30	3.60	53.40
7/21/2013 19:15	12.40	3.80	14.10	3.40	9.00
7/21/2013 19:30	21.90	8.10	10.50	3.50	18.40
7/22/2013 0:00	5.70	7.60	11.60	31.90	0.00
7/22/2013 0:15	5.10	6.70	16.30	11.30	0.00
7/22/2013 0:30	5.30	6.50	48.00	8.20	0.00
7/22/2013 0:45	5.00	4.90	35.10	9.80	0.00
7/22/2013 1:00	5.00	3.90	40.00	14.10	0.00
7/22/2013 1:15	43.60	13.10	4.70	5.40	38.90
7/22/2013 1:30	23.90	29.20	4.90	5.80	24.30
7/22/2013 1:45	24.50	6.20	35.50	12.60	11.90
7/22/2013 2:00	30.60	22.80	28.80	33.90	1.80
7/22/2013 2:15	30.00	19.40	18.50	8.40	21.60
7/22/2013 2:30	22.60	7.00	14.80	20.40	7.80
7/22/2013 2:45	24.40	8.40	12.00	11.60	12.80
7/22/2013 3:00	15.30	12.20	15.30	7.50	7.80
7/22/2013 3:15	20.60	5.40	23.10	6.20	14.40
7/22/2013 3:30	15.10	12.40	9.10	6.00	9.10
7/22/2013 3:45	5.20	7.00	12.50	14.60	0.00
7/22/2013 4:00	5.90	6.70	6.30	17.50	0.40
7/22/2013 4:15	6.60	5.20	13.60	16.00	0.00
7/22/2013 4:30	7.90	9.10	10.00	10.20	0.00
7/22/2013 4:45	12.50	16.00	3.20	18.20	12.80
7/22/2013 5:00	5.70	9.90	3.00	27.70	6.90
7/22/2013 5:15	5.80	16.90	19.90	29.60	0.00
7/22/2013 5:30	8.60	7.70	9.10	25.30	0.00
7/22/2013 5:45	17.20	10.60	10.40	14.20	6.80
7/22/2013 6:00	8.40	8.00	6.20	18.10	2.20
7/22/2013 6:15	6.40	5.80	3.70	9.70	2.70
7/22/2013 6:30	10.10	13.70	5.40	5.80	8.30
7/22/2013 6:45	4.70	11.80	8.10	8.70	3.70
7/22/2013 7:00	9.30	8.60	3.20	9.70	6.10
7/22/2013 7:15	3.20	7.10	5.40	6.10	1.70
7/22/2013 7:30	6.10	5.80	3.90	3.40	2.70
7/22/2013 7:45	7.40	4.90	3.20	16.00	4.20
7/22/2013 8:00	3.40	61.50	8.60	3.90	57.60
7/22/2013 8:15	3.60	58.70	12.80	3.60	55.10
7/22/2013 8:30	4.50	45.00	7.30	5.30	39.70
7/22/2013 8:45	16.20	2.60	4.30	17.70	11.90
7/22/2013 9:00	5.80	15.80	7.20	8.50	8.60
7/22/2013 9:15	8.00	16.70	8.70	2.70	14.00
7/22/2013 9:30	6.90	12.80	4.80	3.70	9.10
7/22/2013 9:45	6.50	11.90	4.60	4.90	7.30
7/22/2013 10:00	5.50	55.00	7.60	7.90	47.40
7/22/2013 10:15	10.30	9.30	7.70	40.40	2.60
7/22/2013 10:30	13.50	42.40	6.10	2.40	40.00
7/22/2013 10:45	8.20	2.30	9.20	37.40	0.00
7/22/2013 11:00	9.50	55.70	6.10	4.90	50.80
7/23/2013 0:00	45.40	-4.20	11.80	7.20	38.20
7/23/2013 0:15	28.80	-4.20	11.70	8.70	20.10



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/23/2013 0:30	23.40	-4.20	12.70	9.00	14.40
7/23/2013 0:45	10.90	10.20	35.00	298.30	0.00
7/23/2013 1:00	10.40	10.80	17.30	7.10	3.70
7/23/2013 1:15	5.20	9.10	8.60	-4.20	13.30
7/23/2013 1:30	8.50	5.80	9.10	-3.30	11.80
7/23/2013 1:45	10.90	-2.60	4.80	6.80	6.10
7/23/2013 2:00	8.20	273.70	6.10	6.50	267.60
7/23/2013 2:15	6.70	-4.20	7.10	4.50	2.20
7/23/2013 2:30	8.00	5.30	8.40	9.50	0.00
7/23/2013 2:45	48.60	-4.20	8.00	5.80	42.80
7/23/2013 3:00	43.20	1348.20	8.30	2.60	1345.60
7/23/2013 3:15	47.90	207.20	15.90	7.70	199.50
7/23/2013 3:30	34.90	205.90	15.70	8.20	197.70
7/23/2013 3:45	14.00	22.20	10.20	434.00	12.00
7/23/2013 4:00	24.70	37.00	12.30	1224.30	24.70
7/23/2013 4:15	45.80	86.70	17.70	1246.70	69.00
7/23/2013 4:30	17.00	28.90	12.50	-4.20	33.10
7/23/2013 4:45	16.00	28.70	13.90	1128.90	14.80
7/23/2013 5:00	13.50	-4.30	9.30	23.90	4.20
7/23/2013 5:15	10.30	19.20	14.90	-4.20	23.40
7/23/2013 5:30	15.30	-4.30	15.70	24.20	0.00
7/23/2013 5:45	35.70	-4.20	17.40	25.20	18.30
7/23/2013 6:00	13.90	769.70	15.30	25.40	754.40
7/23/2013 6:15	12.30	1097.80	7.70	21.90	1090.10
7/23/2013 6:30	21.00	-4.30	7.40	21.10	13.60
7/23/2013 6:45	16.10	-4.30	7.80	19.00	8.30
7/23/2013 7:00	15.00	-4.30	7.20	18.40	7.80
7/23/2013 7:15	13.40	-4.20	5.90	12.00	0.00
7/23/2013 7:30	5.40	18.50	17.70	-4.20	22.70
7/23/2013 7:45	26.30	-4.30	5.10	16.60	21.20
7/23/2013 8:00	25.00	-4.20	5.40	16.40	19.60
7/23/2013 8:15	7.60	-4.20	5.20	13.80	2.40
7/23/2013 8:30	6.60	635.50	5.40	10.00	630.10
7/23/2013 8:45	5.50	1050.80	6.00	12.40	1044.80
7/23/2013 9:00	6.10	1102.60	6.70	15.00	1095.90
7/23/2013 9:15	5.80	28.00	6.70	18.70	21.30
7/23/2013 9:30	5.10	26.80	6.80	19.90	20.00
7/23/2013 9:45	5.60	30.30	10.10	20.20	20.20
7/23/2013 10:00	9.80	29.50	6.80	19.90	22.70
7/23/2013 10:15	9.70	18.90	8.90	20.60	10.00
7/23/2013 10:30	7.20	24.30	8.90	15.90	15.40
7/23/2013 10:45	5.00	17.20	9.10	17.40	8.10
7/23/2013 11:00	2.70	9.50	18.90	26.80	0.00
7/23/2013 11:15	9.50	12.70	14.20	27.50	0.00
7/23/2013 11:30	5.50	8.90	11.80	15.80	0.00
7/23/2013 11:45	8.30	13.30	13.80	22.50	0.00
7/23/2013 12:00	8.70	12.70	15.70	24.10	0.00
7/23/2013 12:15	7.80	12.10	12.70	12.80	0.00
7/23/2013 12:30	6.20	12.60	10.30	16.10	2.30
7/23/2013 12:45	8.90	15.80	9.40	16.80	6.40
7/23/2013 13:00	8.50	12.00	9.70	14.80	2.30
7/23/2013 13:15	7.50	12.20	18.90	22.00	0.00
7/23/2013 13:30	11.60	16.20	12.90	15.30	3.30
7/23/2013 13:45	11.70	14.60	6.80	14.80	7.80
7/23/2013 14:00	9.60	12.80	10.60	15.70	2.20
7/23/2013 14:15	5.40	10.90	10.80	16.10	0.10
7/23/2013 14:30	9.80	16.80	11.30	15.60	5.50
7/23/2013 14:45	8.10	11.80	7.30	16.60	0.00
7/23/2013 15:00	16.30	16.00	7.70	16.40	8.60
7/23/2013 15:15	30.50	19.70	8.30	9.70	22.20
7/23/2013 15:30	12.20	19.90	18.10	21.90	1.80
7/23/2013 15:45	16.80	23.40	17.70	17.40	6.00
7/23/2013 16:00	12.40	21.50	11.50	20.80	10.00
7/23/2013 16:15	9.20	22.30	7.80	23.90	14.50
7/23/2013 16:30	14.00	19.80	8.70	18.30	11.10
7/23/2013 16:45	8.40	13.00	21.70	43.70	0.00
7/23/2013 17:00	18.10	26.60	19.80	24.90	6.80
7/23/2013 17:15	23.30	34.40	16.50	21.70	17.90
7/23/2013 17:30	18.50	25.50	13.60	20.30	11.90
7/23/2013 17:45	28.60	34.40	17.40	19.30	17.00
7/23/2013 18:00	14.90	22.60	25.80	30.60	0.00
7/23/2013 18:15	22.60	33.90	15.20	23.40	18.70
7/23/2013 18:30	13.60	22.80	13.00	18.00	9.80
7/23/2013 18:45	15.00	19.90	13.90	16.90	6.00
7/23/2013 19:00	17.90	21.50	13.10	17.40	8.40
7/23/2013 19:15	15.80	18.30	19.00	21.90	0.00
7/23/2013 19:30	13.20	15.00	15.40	19.20	0.00
7/23/2013 19:45	13.60	21.20	13.00	14.10	8.20
7/23/2013 20:00	8.30	13.20	15.40	22.20	0.00
7/23/2013 20:15	11.20	17.60	8.20	10.30	9.40
7/23/2013 20:30	11.60	18.60	8.50	19.50	10.10
7/23/2013 20:45	11.40	19.00	22.90	21.20	0.00
7/23/2013 21:00	12.00	28.80	10.70	13.80	18.10
7/23/2013 21:15	18.20	29.80	9.60	14.60	20.20
7/23/2013 21:30	10.10	16.20	23.30	33.60	0.00
7/23/2013 21:45	8.20	14.20	12.80	16.00	1.40
7/23/2013 22:00	12.10	17.30	8.90	15.00	8.40
7/23/2013 22:15	9.40	16.30	10.10	16.10	6.20
7/23/2013 22:30	23.80	25.70	9.40	14.70	16.30



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/23/2013 22:45	9.20	18.50	19.40	26.50	0.00
7/23/2013 23:00	19.60	19.90	7.40	15.10	12.50
7/23/2013 23:15	18.00	18.10	20.10	22.30	0.00
7/23/2013 23:30	15.10	23.80	21.60	38.20	2.20
7/24/2013 0:00	35.70	17.50	22.10	19.10	16.60
7/24/2013 0:15	29.80	16.60	10.50	16.70	19.30
7/24/2013 0:30	38.00	15.00	8.80	14.80	29.20
7/24/2013 0:45	24.30	21.20	6.40	8.50	17.90
7/24/2013 1:00	15.90	26.00	5.00	6.70	21.00
7/24/2013 1:15	12.00	22.90	4.20	7.70	18.70
7/24/2013 1:30	5.20	8.30	11.90	19.80	0.00
7/24/2013 1:45	11.00	13.60	5.10	8.80	8.50
7/24/2013 2:00	10.40	15.00	5.40	9.40	9.60
7/24/2013 2:15	8.00	15.30	6.50	9.20	8.80
7/24/2013 2:30	7.80	14.00	4.30	8.00	9.70
7/24/2013 2:45	6.80	14.10	3.30	7.00	10.80
7/24/2013 3:00	6.70	15.50	4.10	6.60	11.40
7/24/2013 3:15	6.20	14.10	3.70	7.20	10.40
7/24/2013 3:30	5.60	10.40	3.30	6.80	7.10
7/24/2013 3:45	5.20	12.80	3.60	6.30	9.20
7/24/2013 4:00	4.80	11.00	3.10	6.10	7.90
7/24/2013 4:15	4.60	12.20	2.70	6.60	9.50
7/24/2013 4:30	4.20	11.10	2.70	6.90	8.40
7/24/2013 4:45	4.20	10.60	4.00	6.20	6.60
7/24/2013 5:00	3.60	10.70	3.00	6.80	7.70
7/24/2013 5:15	3.50	11.70	4.20	6.10	7.50
7/24/2013 5:30	4.20	8.80	2.80	7.80	6.00
7/24/2013 5:45	4.10	10.00	3.30	5.90	6.70
7/24/2013 6:00	3.80	9.60	3.60	6.80	6.00
7/24/2013 6:15	4.20	11.30	3.40	5.90	7.90
7/24/2013 6:30	4.20	12.70	3.50	7.20	9.20
7/24/2013 6:45	4.30	12.10	4.70	6.80	7.40
7/24/2013 7:00	4.70	10.00	2.70	7.30	7.30
7/24/2013 7:15	4.20	12.80	3.20	8.00	9.60
7/24/2013 7:30	4.60	9.70	3.50	6.80	6.20
7/25/2013 0:00	5.40	8.30	21.90	7.20	1.10
7/25/2013 0:15	11.40	27.00	5.50	8.90	0.00
7/25/2013 0:30	8.40	8.30	9.20	13.70	0.00
7/25/2013 0:45	7.10	11.60	8.00	13.50	3.60
7/25/2013 1:00	8.30	14.10	7.60	9.80	6.50
7/25/2013 1:15	12.40	22.40	37.10	15.00	7.40
7/25/2013 1:30	39.20	14.20	7.00	13.40	32.20
7/25/2013 1:45	38.20	11.50	8.20	11.70	30.00
7/25/2013 2:00	18.90	19.10	24.00	13.00	6.10
7/25/2013 2:15	30.40	31.40	5.90	9.10	25.50
7/25/2013 2:30	6.50	12.30	34.80	38.00	0.00
7/25/2013 2:45	33.00	35.20	6.30	16.70	28.90
7/25/2013 3:00	23.90	33.60	5.70	16.50	27.90
7/25/2013 3:15	12.80	24.90	7.30	13.70	17.60
7/25/2013 3:30	13.00	20.50	7.10	16.60	13.40
7/25/2013 3:45	14.50	23.90	8.80	13.50	15.10
7/25/2013 4:00	12.80	19.60	9.30	12.30	10.30
7/25/2013 4:15	12.90	17.90	7.30	10.40	10.60
7/25/2013 4:30	26.00	36.90	7.30	10.20	29.60
7/25/2013 4:45	15.30	19.10	7.20	12.00	11.90
7/25/2013 5:00	15.10	22.70	7.60	9.80	15.10
7/25/2013 5:15	10.30	20.20	6.90	13.00	13.30
7/25/2013 5:30	11.10	19.30	4.10	9.10	15.20
7/25/2013 5:45	10.20	15.40	5.90	11.60	9.50
7/25/2013 6:00	10.10	14.10	6.00	14.20	8.10
7/25/2013 6:15	8.70	13.70	6.00	10.80	7.70
7/25/2013 6:30	9.20	14.20	5.00	11.10	9.20
7/25/2013 6:45	9.40	12.90	5.10	10.30	7.80
7/25/2013 7:00	11.60	17.80	4.70	8.40	13.10
7/25/2013 7:15	14.00	15.70	5.00	10.30	10.70
7/25/2013 7:30	13.20	11.30	4.90	7.90	8.30
7/25/2013 7:45	10.80	13.80	5.40	8.30	8.40
7/25/2013 8:00	8.60	10.90	4.60	7.30	6.30
7/25/2013 8:15	8.60	10.40	4.80	9.20	5.60
7/25/2013 8:30	8.50	10.50	4.40	8.20	6.10
7/25/2013 8:45	6.60	9.10	3.80	8.00	5.30
7/25/2013 9:00	7.10	8.70	4.10	7.80	4.60
7/25/2013 9:15	7.30	9.40	3.70	6.70	5.70
7/25/2013 9:30	7.50	8.60	4.10	9.30	4.50
7/25/2013 9:45	4.70	16.90	8.40	9.60	8.50
7/25/2013 10:00	10.40	18.60	7.70	13.40	10.90
7/25/2013 10:15	2.80	7.80	8.20	13.10	0.00
7/25/2013 10:30	14.40	12.80	4.20	12.90	10.20
7/25/2013 10:45	5.90	12.70	4.60	6.10	0.00
7/25/2013 11:00	5.00	9.60	6.10	15.60	3.50
7/25/2013 11:15	3.80	12.40	6.20	15.90	6.20
7/25/2013 11:30	5.70	16.60	4.50	11.90	12.10
7/25/2013 11:45	4.60	12.80	6.00	17.70	6.80
7/25/2013 12:00	6.50	16.80	4.70	13.40	12.10
7/25/2013 12:15	5.40	11.70	6.90	16.40	4.80
7/25/2013 12:30	4.90	7.20	7.20	14.90	0.00
7/25/2013 12:45	5.10	5.90	9.50	11.90	0.00
7/25/2013 13:00	5.40	8.20	10.30	12.40	0.00
7/25/2013 13:15	5.20	7.00	9.00	14.60	0.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/25/2013 13:30	8.90	14.10	5.50	6.90	8.60
7/26/2013 0:00	4.40	5.60	5.90	6.90	0.00
7/26/2013 0:15	5.80	6.20	4.60	6.70	1.60
7/26/2013 0:30	6.50	6.00	2.10	16.70	4.40
7/26/2013 0:45	6.30	5.50	15.80	18.60	0.00
7/26/2013 1:00	7.00	6.30	0.10	20.30	6.90
7/26/2013 1:15	6.00	5.90	12.80	17.50	0.00
7/26/2013 1:30	6.20	6.00	22.60	10.90	0.00
7/26/2013 1:45	8.10	6.50	5.40	6.20	2.70
7/26/2013 2:00	7.40	8.50	4.50	6.30	4.00
7/26/2013 2:15	5.50	13.80	4.20	5.80	9.60
7/26/2013 2:30	3.30	9.60	4.20	5.70	5.40
7/26/2013 2:45	2.50	10.40	5.40	5.60	5.00
7/26/2013 3:00	3.90	10.50	5.00	5.70	5.50
7/26/2013 3:15	5.10	10.10	5.40	5.90	0.00
7/26/2013 3:30	7.60	8.50	5.90	5.60	2.90
7/26/2013 3:45	4.60	5.20	8.20	8.50	0.00
7/26/2013 4:00	6.60	11.00	4.30	5.20	0.00
7/26/2013 4:15	2.00	9.50	3.90	5.30	5.60
7/26/2013 4:30	7.50	4.30	3.90	5.60	3.60
7/26/2013 4:45	5.20	4.30	3.80	5.40	1.40
7/26/2013 5:00	1.80	5.10	3.30	5.20	1.80
7/26/2013 5:15	0.80	4.60	3.30	5.20	1.30
7/26/2013 5:30	3.20	4.50	3.10	5.20	1.40
7/26/2013 5:45	3.10	5.20	3.10	4.50	2.10
7/26/2013 6:00	4.00	6.00	3.20	5.10	2.80
7/26/2013 6:15	3.10	5.00	2.70	4.90	2.30
7/26/2013 6:30	2.20	4.90	3.00	4.80	1.90
7/26/2013 6:45	2.80	6.80	2.70	4.70	4.10
7/26/2013 7:00	2.50	4.20	2.00	5.70	2.20
7/26/2013 7:15	2.00	5.30	3.50	3.60	1.80
7/26/2013 7:30	3.30	4.40	3.60	3.20	1.20
7/26/2013 7:45	1.80	6.00	3.50	3.30	2.70
7/26/2013 8:00	2.90	5.80	3.50	3.50	2.30
7/26/2013 8:15	1.60	4.40	3.60	4.50	0.80
7/26/2013 8:30	1.40	3.90	3.60	4.40	0.30
7/26/2013 8:45	3.40	4.60	0.70	3.80	3.90
7/26/2013 9:00	3.40	4.80	1.20	3.10	3.60
7/26/2013 9:15	3.40	4.60	1.00	4.70	3.60
7/26/2013 9:30	1.80	3.60	3.40	4.20	0.20
7/26/2013 9:45	3.40	3.90	1.50	2.60	2.40
7/26/2013 10:00	3.40	3.30	3.10	3.70	0.30
7/26/2013 10:15	3.40	3.50	2.20	3.80	1.30
7/26/2013 10:30	3.60	4.30	2.40	5.40	1.90
7/27/2013 0:00	4.70	2.90	6.60	7.00	0.00
7/27/2013 0:15	5.00	3.00	7.40	4.90	0.10
7/27/2013 0:30	4.10	2.80	6.10	9.40	0.00
7/27/2013 0:45	5.10	3.00	3.80	7.50	1.30
7/27/2013 1:00	2.70	3.00	4.80	7.30	0.00
7/27/2013 1:15	2.50	3.00	3.80	7.10	0.00
7/27/2013 1:30	2.60	3.10	6.20	5.80	0.00
7/27/2013 1:45	2.50	3.20	6.60	6.70	0.00
7/27/2013 2:00	2.10	3.00	3.90	5.90	0.00
7/27/2013 2:15	2.90	3.00	5.70	7.00	0.00
7/27/2013 2:30	4.30	3.00	5.40	15.40	0.00
7/27/2013 2:45	3.10	3.00	5.00	11.30	0.00
7/27/2013 3:00	4.80	3.20	6.00	6.90	0.00
7/27/2013 3:15	5.10	3.10	4.20	7.30	0.90
7/27/2013 3:30	4.60	3.60	3.70	8.90	0.90
7/27/2013 3:45	7.00	4.50	5.80	7.80	1.20
7/27/2013 4:00	7.90	5.00	6.60	6.80	1.30
7/27/2013 4:15	4.60	4.40	6.30	15.30	0.00
7/27/2013 4:30	15.20	23.00	4.10	3.00	20.00
7/27/2013 4:45	4.40	2.90	5.90	18.90	0.00
7/27/2013 5:00	4.00	3.00	5.90	21.60	0.00
7/27/2013 5:15	3.50	3.10	4.60	20.20	0.00
7/27/2013 5:30	5.30	2.80	8.40	17.70	0.00
7/27/2013 5:45	10.80	11.70	4.70	14.80	7.00
7/27/2013 6:00	4.30	13.20	9.10	12.60	4.10
7/27/2013 6:15	9.80	11.50	3.50	9.20	8.00
7/27/2013 6:30	2.80	8.80	11.40	11.90	0.00
7/27/2013 6:45	10.10	11.80	3.40	13.90	8.40
7/27/2013 7:00	9.80	9.90	3.10	4.60	6.80
7/27/2013 7:15	8.50	8.50	2.60	3.60	5.90
7/27/2013 7:30	9.60	12.80	2.50	3.90	10.30
7/27/2013 7:45	2.80	4.10	11.00	13.80	0.00
7/27/2013 8:00	8.50	21.80	2.60	4.10	19.20
7/27/2013 8:15	9.70	20.50	2.70	4.20	17.80
7/27/2013 8:30	10.50	22.20	2.80	4.10	19.40
7/27/2013 8:45	5.70	6.80	2.50	3.80	4.30
7/27/2013 9:00	2.20	3.50	4.30	5.70	0.00
7/27/2013 9:15	2.30	4.30	4.20	7.60	0.10
7/27/2013 9:30	4.70	5.20	4.50	8.80	0.70
7/27/2013 9:45	27.40	18.00	6.60	9.90	20.80
7/27/2013 10:00	3.80	8.50	5.20	10.90	3.30
7/27/2013 10:15	8.60	14.10	11.70	13.00	2.40
7/27/2013 10:30	6.20	13.90	11.30	14.30	2.60
7/27/2013 10:45	7.40	11.20	6.80	11.60	4.40
7/27/2013 11:00	6.10	12.30	7.80	11.70	4.50



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/27/2013 11:15	6.80	10.50	8.00	9.20	2.50
7/27/2013 11:30	7.50	19.80	10.10	9.10	10.70
7/27/2013 11:45	10.40	16.70	9.90	9.00	7.70
7/27/2013 12:00	27.00	42.70	8.50	9.60	34.20
7/27/2013 12:15	20.60	44.50	15.50	12.60	31.90
7/27/2013 12:30	10.60	17.10	15.80	29.40	1.30
7/27/2013 12:45	12.80	23.90	12.80	9.80	14.10
7/27/2013 13:00	17.70	14.80	10.90	9.60	8.10
7/27/2013 13:15	21.10	24.50	12.10	9.10	15.40
7/27/2013 13:30	18.40	21.20	18.20	11.00	10.20
7/27/2013 13:45	15.70	21.30	20.30	9.50	11.80
7/27/2013 14:00	13.50	16.00	15.60	8.50	7.50
7/27/2013 14:15	13.20	11.90	16.70	10.70	2.50
7/27/2013 14:30	10.80	11.20	14.10	10.40	0.80
7/27/2013 14:45	10.00	12.50	14.00	9.10	3.40
7/27/2013 15:00	10.70	12.40	9.80	8.40	4.00
7/27/2013 15:15	10.70	8.00	9.60	12.50	1.10
7/27/2013 15:30	11.10	15.00	33.50	27.50	0.00
7/27/2013 15:45	11.10	18.20	24.80	34.40	0.00
7/27/2013 16:00	9.20	18.50	22.50	17.10	1.40
7/27/2013 16:15	16.60	17.50	18.30	11.90	5.60
7/27/2013 16:30	7.90	11.90	16.90	18.00	0.00
7/27/2013 16:45	10.30	31.20	15.80	17.80	15.40
7/27/2013 17:00	20.40	28.10	14.70	17.70	13.40
7/27/2013 17:15	11.90	23.90	20.30	18.20	5.70
7/27/2013 17:30	12.50	24.50	15.90	15.30	9.20
7/27/2013 17:45	11.30	16.10	16.10	15.00	1.10
7/27/2013 18:00	7.60	16.20	16.40	13.50	2.70
7/27/2013 18:15	14.50	24.70	17.00	13.30	11.40
7/27/2013 18:30	12.20	26.70	18.70	13.90	12.80
7/27/2013 18:45	10.00	16.10	21.10	12.80	3.30
7/27/2013 19:00	6.90	12.70	24.80	14.20	0.00
7/27/2013 19:15	7.90	18.70	23.40	13.90	4.80
7/27/2013 19:30	10.30	21.20	19.10	13.50	7.70
7/27/2013 19:45	14.00	18.20	19.50	12.20	6.00
7/27/2013 20:00	11.70	15.40	19.30	11.80	3.60
7/27/2013 20:15	7.20	12.10	18.80	10.50	1.60
7/27/2013 20:30	17.70	10.40	5.90	8.80	11.80
7/27/2013 20:45	19.00	10.60	12.30	21.30	6.70
7/27/2013 21:00	21.30	12.90	15.40	25.80	5.90
7/27/2013 21:15	19.90	12.10	12.00	20.00	7.90
7/27/2013 21:30	19.70	12.20	6.80	18.00	12.90
7/27/2013 21:45	19.70	11.40	7.00	15.80	12.70
7/27/2013 22:00	18.10	11.30	6.00	14.20	12.10
7/27/2013 22:15	14.80	11.20	5.20	10.90	9.60
7/27/2013 22:30	15.20	11.80	5.50	9.90	9.70
7/27/2013 22:45	18.20	11.40	7.80	9.50	10.40
7/27/2013 23:00	8.80	10.80	15.50	10.90	0.00
7/27/2013 23:15	13.50	11.10	6.80	11.10	6.70
7/27/2013 23:30	17.80	11.80	8.50	9.90	9.30
7/28/2013 0:00	16.10	10.30	10.70	7.90	8.20
7/28/2013 0:15	7.80	9.20	15.40	9.60	0.00
7/28/2013 0:30	13.30	8.80	6.30	13.20	7.00
7/28/2013 0:45	10.80	9.10	8.80	9.00	2.00
7/28/2013 1:00	8.40	9.30	8.20	9.70	1.10
7/28/2013 1:15	21.00	24.40	7.30	12.20	17.10
7/28/2013 1:30	22.60	41.60	5.30	5.90	36.30
7/28/2013 1:45	20.20	34.40	4.30	6.20	30.10
7/28/2013 2:00	22.50	16.20	4.50	8.10	18.00
7/28/2013 2:15	16.00	19.90	5.20	5.90	14.70
7/28/2013 2:30	15.30	16.90	4.60	5.40	12.30
7/28/2013 2:45	14.10	12.40	4.40	7.80	9.70
7/28/2013 3:00	12.00	8.80	4.80	11.00	7.20
7/28/2013 3:15	11.70	8.50	4.90	12.60	6.80
7/28/2013 3:30	12.40	7.70	4.40	9.70	8.00
7/28/2013 3:45	10.80	7.10	5.90	9.20	4.90
7/28/2013 4:00	12.30	6.80	3.60	8.50	8.70
7/28/2013 4:15	11.30	7.40	4.70	10.10	6.60
7/28/2013 4:30	9.90	8.80	6.40	10.40	3.50
7/28/2013 4:45	9.90	6.50	7.30	10.10	2.60
7/28/2013 5:00	9.60	8.20	7.60	11.00	2.00
7/28/2013 5:15	7.90	8.50	8.40	13.00	0.10
7/28/2013 5:30	6.20	8.20	7.80	9.50	0.40
7/28/2013 5:45	6.30	7.70	7.30	10.00	0.40
7/28/2013 6:00	6.60	7.20	7.40	9.60	0.00
7/28/2013 6:15	6.70	7.30	7.00	8.00	0.30
7/28/2013 6:30	6.40	6.90	6.60	7.10	0.30
7/28/2013 6:45	6.70	7.10	5.10	7.20	2.00
7/28/2013 7:00	5.90	6.70	5.10	7.50	1.60
7/28/2013 7:15	5.10	6.70	5.70	8.10	1.00
7/28/2013 7:30	5.60	6.90	4.30	8.20	2.60
7/29/2013 0:00	10.40	14.90	12.50	5.10	9.80
7/29/2013 0:15	7.70	10.60	20.90	8.20	2.40
7/29/2013 0:30	7.50	7.20	19.70	5.00	2.50
7/29/2013 0:45	5.90	5.60	12.00	4.20	1.70
7/29/2013 1:00	21.30	7.50	6.00	5.20	16.10
7/29/2013 1:15	4.90	5.10	5.50	6.60	0.00
7/29/2013 1:30	4.30	3.90	3.50	7.50	0.80
7/29/2013 1:45	3.80	2.80	3.40	7.20	0.40



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/29/2013 2:00	2.90	2.20	23.00	16.00	0.00
7/29/2013 2:15	3.00	2.10	40.90	22.60	0.00
7/29/2013 2:30	2.90	2.00	31.90	16.40	0.00
7/29/2013 2:45	2.40	1.90	0.80	14.10	1.60
7/29/2013 3:00	1.70	2.10	1.80	43.50	0.30
7/29/2013 3:15	1.70	1.90	1.60	36.70	0.30
7/29/2013 3:30	9.60	24.70	3.00	25.30	21.70
7/29/2013 3:45	13.80	12.00	10.00	21.40	3.80
7/29/2013 4:00	9.40	8.60	11.80	22.90	0.00
7/29/2013 4:15	12.30	16.00	10.80	8.90	7.10
7/29/2013 4:30	17.20	23.10	9.90	7.20	15.90
7/29/2013 4:45	6.70	5.10	25.80	17.50	0.00
7/29/2013 5:00	5.20	4.50	23.10	18.30	0.00
7/29/2013 5:15	5.50	4.00	44.90	14.90	0.00
7/29/2013 5:30	4.00	3.00	7.10	11.50	0.00
7/29/2013 5:45	6.90	3.00	5.50	22.80	1.40
7/29/2013 6:00	2.60	2.40	6.50	18.50	0.00
7/29/2013 6:15	22.10	18.40	2.60	2.10	20.00
7/29/2013 6:30	2.30	1.90	8.20	20.60	0.00
7/29/2013 6:45	2.20	1.80	8.80	18.80	0.00
7/29/2013 7:00	2.10	1.70	14.00	28.20	0.00
7/29/2013 7:15	7.10	15.30	2.10	1.70	13.60
7/29/2013 7:30	1.90	1.60	8.00	10.70	0.00
7/29/2013 7:45	2.00	1.80	12.60	17.20	0.00
7/29/2013 8:00	5.30	16.20	2.10	1.80	14.40
7/29/2013 8:15	3.40	9.40	2.90	1.70	7.70
7/29/2013 8:30	3.20	1.80	1.70	6.90	1.50
7/29/2013 8:45	3.00	1.60	5.10	28.10	0.00
7/29/2013 9:00	2.40	1.50	5.60	26.20	0.00
7/29/2013 9:15	2.60	1.70	2.50	4.90	0.10
7/29/2013 9:30	2.80	6.60	2.60	1.70	4.90
7/29/2013 9:45	6.30	1.90	4.30	12.00	2.00
7/29/2013 10:00	3.40	11.20	3.80	1.60	9.60
7/29/2013 10:15	2.60	1.60	2.70	5.40	0.00
7/29/2013 10:30	2.30	3.30	2.50	3.40	0.80
7/29/2013 10:45	3.30	2.40	4.90	4.80	0.00
7/29/2013 11:00	3.40	3.20	3.20	3.60	0.20
7/29/2013 11:15	3.60	5.40	1.80	42.80	3.60
7/29/2013 11:30	2.20	-4.10	3.60	5.30	0.00
7/29/2013 11:45	2.30	115.50	3.70	6.90	111.80
7/29/2013 12:00	2.50	-4.20	3.70	7.20	0.00
7/29/2013 12:15	2.80	-4.20	3.70	6.70	0.00
7/29/2013 12:30	3.10	-4.30	3.70	7.20	0.00
7/30/2013 0:00	4.50	-4.20	3.20	7.50	1.30
7/30/2013 0:15	4.50	8.50	6.10	13.10	2.40
7/30/2013 0:30	5.60	69.80	4.50	-4.20	74.00
7/30/2013 0:45	5.70	9.40	2.90	-4.20	13.60
7/30/2013 1:00	5.50	52.70	5.40	-4.20	56.90
7/30/2013 1:15	5.60	67.10	6.50	-4.20	71.30
7/30/2013 1:30	6.90	16.80	7.20	-3.30	20.10
7/30/2013 1:45	9.70	10.80	12.50	3.40	7.40
7/30/2013 2:00	11.60	11.20	13.90	11.90	0.00
7/30/2013 2:15	12.30	14.10	16.40	13.00	1.10
7/30/2013 2:30	12.90	14.10	11.80	15.00	2.30
7/30/2013 2:45	15.10	18.20	10.90	38.80	7.30
7/30/2013 3:00	16.20	19.10	9.60	39.80	9.50
7/30/2013 3:15	8.00	22.70	11.70	53.80	11.00
7/30/2013 3:30	7.30	21.20	10.60	59.20	10.60
7/30/2013 3:45	10.20	47.50	8.10	16.00	39.40
7/30/2013 4:00	9.40	70.70	7.30	14.30	63.40
7/30/2013 4:15	7.70	14.00	8.50	95.90	5.50
7/30/2013 4:30	7.20	15.20	6.20	101.80	9.00
7/30/2013 4:45	6.70	16.00	7.80	121.90	8.20
7/30/2013 5:00	7.10	48.70	8.80	54.80	39.90
7/30/2013 5:15	6.80	12.30	6.70	45.90	5.60
7/30/2013 5:30	7.00	8.90	6.30	35.00	2.60
7/30/2013 5:45	8.20	38.00	6.70	48.10	31.30
7/30/2013 6:00	8.70	40.60	8.10	83.60	32.50
7/30/2013 6:15	9.10	115.70	6.50	397.10	109.20
7/30/2013 6:30	8.50	14.90	7.50	539.00	7.40
7/30/2013 6:45	8.20	13.90	7.10	468.90	6.80
7/30/2013 7:00	7.40	13.90	6.70	264.40	7.20
7/30/2013 7:15	6.00	295.00	7.10	14.20	287.90
7/30/2013 7:30	6.90	10.30	6.20	-4.20	14.50
7/30/2013 7:45	6.40	9.90	7.20	13.50	2.70
7/30/2013 8:00	6.80	8.00	6.90	-0.30	8.30
7/30/2013 8:15	6.80	8.10	7.60	-1.70	9.80
7/30/2013 8:30	7.00	8.20	6.00	3.20	5.00
7/30/2013 8:45	7.50	25.60	5.80	-4.20	29.80
7/30/2013 9:00	7.20	10.70	7.50	-4.20	14.90
7/30/2013 9:15	7.00	10.60	5.90	-0.70	11.30
7/30/2013 9:30	7.00	9.10	7.50	-4.30	13.40
7/30/2013 9:45	8.10	9.20	5.60	-4.30	13.50
7/30/2013 10:00	7.70	16.10	5.60	-4.20	20.30
7/30/2013 10:15	7.00	9.10	6.40	-3.40	12.50
7/30/2013 10:30	6.20	-4.20	7.10	8.60	0.00
7/30/2013 10:45	7.10	9.10	6.40	2.20	6.90
7/30/2013 11:00	7.80	41.60	4.50	6.40	37.10
7/30/2013 11:15	7.60	9.50	1.50	1.80	8.00



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Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
7/30/2013 11:30	4.60	1.60	1.30	4.50	3.30
7/30/2013 11:45	0.70	2.20	3.60	1.60	0.60
7/30/2013 12:00	0.10	5.20	4.20	1.60	3.60
7/30/2013 12:15	5.80	1.40	1.60	2.50	4.20
7/30/2013 12:30	2.00	2.60	4.30	1.90	0.70
7/30/2013 12:45	3.90	1.60	4.50	3.00	0.90
7/30/2013 13:00	3.40	1.50	3.80	5.70	0.00
7/30/2013 13:15	2.80	1.20	4.30	7.50	0.00
7/30/2013 13:30	2.40	1.30	4.70	5.70	0.00
7/30/2013 13:45	2.90	1.80	1.80	4.20	1.10
7/30/2013 14:00	3.10	2.50	1.80	1.90	1.30
7/30/2013 14:15	3.20	7.70	2.60	1.60	6.10
7/30/2013 14:30	3.00	1.00	2.00	4.20	1.00
7/30/2013 14:45	2.60	0.80	2.10	5.80	0.50
7/30/2013 15:00	2.40	0.70	1.50	2.70	0.90
7/30/2013 15:15	2.30	0.80	7.00	15.70	0.00
7/30/2013 15:30	2.90	0.50	1.40	25.90	1.50
7/30/2013 15:45	3.40	0.70	3.10	12.10	0.30
7/30/2013 16:00	4.20	0.60	5.70	10.70	0.00
7/30/2013 16:15	23.80	25.10	3.80	9.70	21.30
7/30/2013 16:30	4.00	7.40	6.50	6.60	0.90
7/30/2013 16:45	8.90	8.80	2.40	16.20	6.50
7/30/2013 17:00	7.20	4.00	10.40	5.70	1.50
8/1/2013 0:00	10.90	13.40	6.30	24.70	7.10
8/1/2013 0:15	5.30	7.40	7.80	11.70	0.00
8/1/2013 0:30	7.00	8.50	8.40	13.20	0.10
8/1/2013 0:45	3.90	12.30	5.60	3.60	8.70
8/1/2013 1:00	3.90	1.50	7.50	8.10	0.00
8/1/2013 1:15	3.00	6.50	3.80	1.20	5.30
8/1/2013 1:30	3.10	0.60	10.30	14.20	0.00
8/1/2013 1:45	3.20	0.70	3.70	7.80	0.00
8/1/2013 2:00	8.00	15.90	3.10	0.70	15.20
8/1/2013 2:15	1.50	3.80	12.90	1.00	2.80
8/1/2013 2:30	2.50	-4.10	13.00	0.60	1.90
8/1/2013 2:45	1.40	-3.80	2.70	3.30	0.00
8/1/2013 3:00	1.80	-3.30	2.60	3.10	0.00
8/1/2013 3:15	1.50	-4.30	2.80	5.90	0.00
8/1/2013 3:30	1.40	-4.30	2.80	5.10	0.00
8/1/2013 3:45	3.10	-4.30	2.60	4.30	0.50
8/1/2013 4:00	5.40	-4.20	2.70	4.20	2.70
8/1/2013 4:15	5.70	-4.30	8.00	11.20	0.00
8/1/2013 4:30	2.50	-4.20	4.20	6.70	0.00
8/1/2013 4:45	3.60	6.30	8.60	-4.30	10.60
8/1/2013 5:00	17.60	-4.40	3.30	5.30	14.30
8/1/2013 5:15	4.00	-4.30	3.00	3.80	1.00
8/1/2013 5:30	4.70	-4.30	2.80	3.60	1.90
8/1/2013 5:45	3.50	-4.30	2.70	3.40	0.80
8/1/2013 6:00	5.60	-4.30	2.80	5.00	2.80
8/1/2013 6:15	3.60	-4.30	2.70	5.90	0.90
8/1/2013 6:30	1.40	-4.30	2.90	5.20	0.00
8/1/2013 6:45	1.80	-4.20	2.90	4.70	0.00
8/1/2013 7:00	3.50	-4.30	2.90	3.50	0.60
8/1/2013 7:15	3.20	-4.30	3.00	3.80	0.20
8/1/2013 7:30	3.20	-4.30	2.70	4.90	0.50
8/1/2013 7:45	5.10	-4.40	2.80	4.70	2.30
8/1/2013 8:00	3.10	-4.20	2.70	3.30	0.40
8/1/2013 8:15	2.10	-4.30	2.60	3.10	0.00
8/1/2013 8:30	1.80	-4.30	2.60	4.90	0.00
8/1/2013 8:45	2.20	-4.30	2.70	5.10	0.00
8/2/2013 0:00	4.90	18.60	32.50	7.40	11.20
8/2/2013 0:15	13.90	9.90	13.20	27.20	0.70
8/2/2013 0:30	11.40	12.80	16.90	25.30	0.00
8/2/2013 0:45	18.10	32.10	10.90	13.20	21.20
8/2/2013 1:00	12.80	9.30	19.70	27.60	0.00
8/2/2013 1:15	21.00	24.50	9.20	11.10	15.30
8/2/2013 1:30	20.60	27.60	23.10	30.10	4.50
8/2/2013 1:45	10.40	27.60	10.00	14.50	17.60
8/2/2013 2:00	16.50	35.10	11.60	11.50	23.60
8/2/2013 2:15	10.40	16.20	12.10	11.00	5.20
8/2/2013 2:30	8.20	16.40	9.00	11.80	7.40
8/2/2013 2:45	8.80	23.10	7.50	11.50	15.60
8/2/2013 3:00	8.20	22.60	9.50	9.90	13.10
8/2/2013 3:15	9.80	22.40	7.80	7.90	14.60
8/2/2013 3:30	15.00	19.80	6.40	5.20	14.60
8/2/2013 3:45	43.80	66.10	6.30	10.00	59.80
8/2/2013 4:00	6.50	11.90	22.00	50.20	0.00
8/2/2013 4:15	30.30	194.90	8.80	5.50	189.40
8/2/2013 4:30	20.50	172.90	9.50	5.60	167.30
8/2/2013 4:45	19.20	38.70	7.20	7.20	36.00
8/2/2013 5:00	11.20	36.30	7.50	5.60	30.70
8/2/2013 5:15	14.80	43.20	7.60	6.50	36.70
8/2/2013 5:30	16.70	97.40	8.00	7.30	90.10
8/2/2013 5:45	14.10	56.50	21.40	4.60	51.90
8/2/2013 6:00	18.70	4.00	13.80	67.50	4.90
8/2/2013 6:15	13.10	30.30	15.00	8.00	22.30
8/2/2013 6:30	10.70	87.60	19.10	10.90	76.70
8/2/2013 6:45	11.10	51.90	7.90	10.80	44.00
8/2/2013 7:00	7.90	9.60	32.60	65.40	0.00
8/2/2013 7:15	10.60	59.80	10.20	4.70	55.10



**US Army Corps
of Engineers**

Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Turbidity Data
4-2-13 to 8-2-13
(periods of dredging)

Reading Time	Downstream High Sensor	Downstream Low Sensor	Upstream High Sensor	Upstream Low Sensor	Dredge Contribution
8/2/2013 7:30	9.70	5.70	8.10	57.00	1.60
8/2/2013 7:45	10.30	7.50	7.10	25.70	3.20
8/2/2013 8:00	12.30	42.70	10.00	7.60	35.10
8/2/2013 8:15	10.50	11.90	24.40	37.90	0.00
8/2/2013 8:30	10.70	14.10	31.20	116.40	0.00