



WATER QUALITY MONITORING REPORT

Dredge and Cap Placement Operations New Bedford Harbor Dredge Project - Phase II (Completion of Initial Construction of CAD Cell and OU #3 Cap Placement) 7/6/05 - 7/22/05

To: Paul Craffey (MADEP) David Dickerson (EPA)

From: Stephen Tobin Apex Environmental, Inc.

Re: New Bedford Harbor Dredge – Phase II Water Quality Monitoring Report

Date: July 26, 2005

Attached is the water quality monitoring results from the dredging operations for the New Bedford Harbor Dredge – Phase II from July 6, 2005 through July 22, 2005. Also included are the monitoring results from EPA Operable Unit #3 (OU #3) cap placement from July 6, 2005 through July 22, 2005. Water quality monitoring was performed in accordance with the Water Quality Monitoring Plan dated 01/05/05 and Figure 6 (Water Quality Monitoring Decision Sequence) and Figure 7 (Analytical Protocol Decision Sequence) dated March 2004 provided to Apex by the Environmental Protection Agency (EPA). Included in this report are spreadsheets tabulating the turbidity results from each day and a map of the sampling locations.

Following the guidelines of the WQMP and EPA documents, monitoring locations for water turbidity recorded an average turbidity over various water depths, up and down-current from the dredge or material placement operations, depending on tide. The values recorded as the Reference Site Turbidity were taken from up-current monitoring locations, or from monitoring events which occurred before dredge or material placement operations began. The Reference Turbidity Value was then compared to down-current turbidity values measured at regular time intervals after operations had begun.

Water Quality Monitoring Results Summary (Dredging):

For dredge operations, an exceedance of the project turbidity standard occurs when the average turbidity down-current exceeds the Reference Turbidity Value plus the permissible turbidity increase, as outlined in Section 3.3 of the WQMP. For a reference value less than 10 NTUs, the down-current permissible turbidity increase is plus 20 NTUs. The permissible turbidity increases for operations with or without silt curtains are the same, only the distance from the dredge to monitoring locations changes.

New Bedford HDC PO Box 50899 New Bedford, MA 02745 (508) 961 – 3000 Apex Environmental, Inc. 104-106 Co-op Wharf New Bedford, MA 02740 (508) 961 – 3000 (Boston, MA Office: (617) 728 – 0070)





Dredging events were monitored on six days; 7/6/05, 7/7/05, 7/11/05, 7/12/05, 7/15/05 and 7/22/05 during dredging operations. Water quality monitors selected various sample locations around the dredging area to collect data. There were no turbidity exceedances to report during the dredging events.

Water Quality Monitoring Results Summary (Cap Placement):

Water quality monitoring during cap placement in the OU #3 area followed the guidelines set forth in the documents provided by the EPA. Material placement events were monitored on six days; 7/6/05, 7/7/05, 7/8/05, 7/12/05, 7/14/05 and 7/22/05. Water quality monitors selected various sample locations around the placement area to the down-current flow of water from the cap placement operations. There were no turbidity exceedances to report during the material placement events.

The preliminary results from the second phase of water quality monitoring show that dredging and cap placement operations have stayed within the permissible turbidity levels set forth in the Water Quality Monitoring Plan and the EPA documents provided on the dates which monitoring occurred.

If you have any questions or comments regarding these results, feel free to contact me at 508-353-5202.

Stephen Tobin Apex Environmental, Inc.

Attachments

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7/6/2005 New Bedford Harbor Dredge Project - Phase II Water Quality Monitoring - CAD Cell Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity	Permissible Turbidity	Weather Conditions	Vessel
High 8:40				Current		(NTUs)	Increase (NTUs)		Traffic
Falling Tide	12:00	070605_02_1	814826.81	Up	5	2.8		Cloudy, ~80 Degrees	None
		(Background)	2695698.48		10	2.5		S Wind 1-5 knots	
					15	4.7			
					20	6.0			
					25	6.0			
					30	3.5			
					AVERAGE	4.3	24.3		
	11:50	070605_02_9	815138.52	Down	5	9.5		Cloudy, ~80 Degrees	None
			2695928.02		10	10.0		S Wind 1-5 knots	
					15	14.5			
					20	21.5			
					25	10.5			
					30	9.0			
Low 13:40					AVERAGE	12.5	11.8 NTUs		
							Polow Pormissible		

Below Permissible Turbidity Increase Limit



7/7/2005 New Bedford Harbor Dredge Project - Phase II Water Quality Monitoring - CAD Cell Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity	Permissible Turbidity	Weather Conditions	Vessel
High 9:21				Current		(NTUs)	Increase (NTUs)		Traffic
Falling Tide	11:56	070705_02_1	814943.23	Up	5	5.5		Cloudy, ~70 Degrees	None
		(Background)	2696102.07		10	6.0		N Wind 5-15 knots	
					15	6.3			
					20	11.0			
					25	17.0			
					30	22.5			
					AVERAGE	11.4	31.4		
	12:05	070705_02_9	815780.97	Down	5	6.5		Cloudy, ~70 Degrees	None
			2695561.53		10	8.0		N Wind 5-15 knots	
					15	7.5			
					20	9.5			
					25	13.5			
					30	7.5			
					AVERAGE	8.8	22.6 NTUs		
	13:17	070705_04_1	814951.76	Up	5	6.5	Below Permissible	Cloudy, ~70 Degrees	None
		(Background)	2696037.2		10	6.5	Turbidity Increase Limit	N Wind 5-15 knots	
					15	22.0			
					20	11.7			
					25	16.0			
					30	16.0			
					AVERAGE	-	33.1		
	13:23	070705_04_9	814812.74	Down	5	2.2		Cloudy, ~70 Degrees	None
			2695689.43		10	2.6		N Wind 5-15 knots	
					15	2.3			
					20	3.6			
					25	4.8			
					30	10			
Low 14:47					AVERAGE	4.3	(28.8 Below Limit)		



7/11/2005 New Bedford Harbor Dredge Project - Phase II Water Quality Monitoring - CAD Cell Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity	Permissible Turbidity	Weather Conditions	Vessel
Low 5:14				Current		(NTUs)	Increase (NTUs)		Traffic
Rising Tide	8:43	071105_02_1	814739.92	Up	5	4.8		Sunny, ~80 Degrees	None
		(Background)	2695456.99		10	4.8		NE Wind 5-10 knots	
					15	5.0			
					20	4.2			
1 1					25	4.4			
					30	5.5			
					AVERAGE	4.8	24.8		
	8:53	071105 02 9	814987.43	Down	5	10.5		Sunny, ~80 Degrees	None
			2696141.02		10	15.0		NE Wind 5-10 knots	
					15	7.1			
					20	35.0			
-					25	11.0			
					30	22.0			
					AVERAGE	16.8	8.0 NTUs		
	10:04	071105_04_1	814982.98	Up	5	2.6	Below Permissible	Sunny, ~80 Degrees	None
1 1		(Background)	2695576.6		10	3.0	Turbidity Increase Limit	NE Wind 5-10 knots	
1 1		(15	3.0			
I I					20	2.4			
					25	1.6			
					30	1.8			
1 1					AVERAGE	2.4	22.4		
1 1	10:15	071105 04 9	815095.87	Down	5	5.7		Sunny, ~80 Degrees	None
1 1			2696084.83		10	5.5		NE Wind 5-10 knots	
1 1					15	4.8			
					20	5			
					25	8.5			
					AVERAGE	5.9	(16.5 Below Limit)		
	10:46	071105_06_1	815116.14	Up	5	2.3	, ,	Sunny, ~80 Degrees	None
		(Background)	2695747.5	-1	10	3.0		NE Wind 5-10 knots	
		(15	6.0			
				I	20	6.5			
					25	6.5			
					30	3.5			
					AVERAGE	4.6	24.6		
	10:54	071105 06 9	814997.22	Down	5	2.8		Sunny, ~80 Degrees	None
		0	2696092.99		10	4.3		NE Wind 5-10 knots	
			0	1	15	5			
			t	1	20	10			
High 12:04					AVERAGE	5.5	(19.1 Below Limit)		



Tide Time Time ID Ave. Turbidity Permissible Turbidity Weather Conditions Coordinates Jp/Down Depth (ft.) Vessel (NTUs) Increase (NTUs) Current Traffic Falling Tide 15:22 071205_04_1 814980..58 Up 5 1.8 Sunny, ~80 Degrees None 2695810.92 (Background) 10 1.9 NE Wind 5-10 knots 15 3.0 20 4.1 25 5.5 30 12.0 VERAGE 4.7 24.7 Down Sunny, ~80 Degrees NE Wind 5-10 knots 15:30 071205_04_9 814662.38 None 5 1.9 2695804.14 10 2.6 15 4.9 20 4.8 25 5.4 30 3.5 AVERAGE 3.9 20.8 NTUs 2.0 2.8 Sunny, ~80 Degrees NE Wind 5-10 knots 15:52 071205_06_1 815001.71 Up 5 Below Permissible None 2695986.79 10 (Background) Turbidity Increase Limit 15 2.1 20 3.0 25 11.0 30 13.5 AVERAGE 25.7 5.7 Sunny, ~80 Degrees NE Wind 5-10 knots 15:58 071205_06_9 814699.98 Down 5 2 3.3 None 2695722.2 10 15 5.5 2.6 20 25 6.2 30 6 AVERAGE (21.4 Below Limit) 4.3

7/12/2005 New Bedford Harbor Dredge Project - Phase II Water Quality Monitoring - CAD Cell Excavation Area

Low 17:47



7/15/2005 New Bedford Harbor Dredge Project - Phase II Water Quality Monitoring - CAD Cell Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity	Permissible Turbidity	Weather Conditions	Vessel
Low 8:01				Current		(NTUs)	Increase (NTUs)		Traffic
Rising Tide	12:03	071505_02_1	814607.4	Up	5	2.5		Cloudy, ~80 Degrees	None
		(Background)	2695645.46		10	3.2		NE Wind 0-5 knots	
-					15	3.2			
					20	3.0			
					25	2.0			
					30	3.5			
					AVERAGE	2.9	22.9		
	12:09	071505_02_9	814890.48	Down	5	3.0		Cloudy, ~80 Degrees	None
			2695943.76		10	2.3		NE Wind 0-5 knots	
					15	1.9			
					20	2.0			
-					25	2.1			
					30	3.2			
High 15:08					AVERAGE	2.4	20.5 NTUs		
Falling Tide	17:18	071505_06_1	814673.28	Up	5	2.8	Below Permissible	Sunny, ~85 Degrees	None
		(Background)	2695691.25		10	3.6	Turbidity Increase Limit	NE Wind 0-5 knots	
-		())			15	3.1			
-					20	3.4			
-					25	2.6			
-					30	2.5			
					AVERAGE	3.0	23.0		
-	17:23	071505 06 9	814885.59	Down	5	3.8		Sunny, ~85 Degrees	None
-		011000_00_0	2695950.67		10	6.3		NE Wind 0-5 knots	
-			200000000		15	9.0			
-					20	7.8			
-					25	1.3			
-					30	1.7			
					AVERAGE	5.0	(18.0 Below Limit)		
l l	17:33	071505 07 1	814615.08	Up	5	2.9		Sunny, ~85 Degrees	None
-	17.00	(Background)	2695823.84	υp	10	4.0		NE Wind 0-5 knots	None
-		(Buoligiound)	2000020.01		15	4.2			
ŀ					20	4.6			
					25	5.0			
-					30	3.8			
					AVERAGE	4.1	24.1		
	17:38	071505_07_9	814856.96	Down	5	4.8		Sunny, ~85 Degrees	None
	17.00	0/1000_0/_0	2695970.18	Down	10	5.8		NE Wind 0-5 knots	None
			2033310.10		10	6.4			
			ł		20	11.0			
ŀ			ł		20	10.0			
ŀ					25 30	14.0			
Low 01.10						14.0 8.7	(15.4 Dolow Limit)		
Low 21:18					AVERAGE	8.7	(15.4 Below Limit)		



7/22/2005 New Bedford Harbor Dredge Project - Phase II Water Quality Monitoring - CAD Cell Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity	Permissible Turbidity	Weather Conditions	Vessel
High 9:13				Current		(NTUs)	Increase (NTUs)		Traffic
Falling Tide	10:10	072205_02_1	814612.57	Up	5	0.2		Sunny, ~80 Degrees	None
		(Background)	2695786.89		10	2.4		SE Wind 5-10 knots	
					15	2.6			
					20	2.6			
					25	2.7			
					30	2.6			
					AVERAGE	2.2	22.2		
I T	10:17	072205_02_9	814645.5	Down	5	1.1		Sunny, ~80 Degrees	None
			2696172.85		10	1.4		SE Wind 5-10 knots	
I F					15	2.0			
I F					20	2.6			
					25	2.2			
					30	8.0			
					AVERAGE	2.9	19.3 NTUs		
	12:43	072205_04_1	814677.39	Up	5	2.6	Below Permissible	Sunny, ~80 Degrees	None
		(Background)	2695767.28		10	2.7	Turbidity Increase Limit	SE Wind 5-10 knots	
					15	2.6	,		
					20	2.8			
-					25	3.4			
-					30	5.0			
					AVERAGE	3.2	23.2		
	12:48	072205 04 9	814644.69	Down	5	5.2		Sunny, ~80 Degrees	None
			2696093.75		10	9.5		SE Wind 5-10 knots	
					15	11.0			
					20	12.0			
					25	19.0			
					30	17.0			
1					AVERAGE	12.3	(10.9 Below Limit)		
	12:54	072205_05_1	814773.41	Up	5	2.8	, . ,	Sunny, ~80 Degrees	None
	-	(Background)	2696126.03	- 1	10	2.9		SE Wind 5-10 knots	
					15	2.6			
					20	2.7			
					25	2.6			
					30	2.8			
1 1					AVERAGE	2.7	22.7		
	12:57	072205_05_9	814808	Down	5	3.4		Sunny, ~80 Degrees	None
			2605789.33		10	4.7		SE Wind 5-10 knots	
1 F					15	10.5			
1 F			İ		20	7.4			
			İ		25	16.0			
I F			t		30	19.0			
Low 14:47					AVERAGE	10.2	(12.6 Below Limit)		



7/6/2005 New Bedford Harbor Dredge Project - Phase II Water Quality Monitoring - Placement Operations - OU#3 Cap Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity	Permissible Turbidity	Weather Conditions	Vessel
High 8:40				Current		(NTUs)	Increase (NTUs)		Traffic
Falling Tide	12:33	070605_d44_00	817338.98	Up	2	7.8		Cloudy, ~80 Degrees	None
		(Background)	2686649.09		4	9.5		S Wind 1-5 Knots	
					6	11.5			
					7	9.5			
					AVERAGE	9.6	49.6		
	12:55	PLACEMENT 44	STARTED						
	13:00	070605_d44_9_05	817229.27	Down	2	2.9		Cloudy, ~80 Degrees	None
			2686275.37		4	3.5		S Wind 1-5 Knots	
					6	3.1			
					8	2.8			
					AVERAGE	3.1	46.5 NTUs		
	13:06	070605_d44_9_10	817234.23	Down	2	13.0	Below Permissible	Cloudy, ~80 Degrees	None
			2686234.23		4	12.5	Turbidity Increase Limit	S Wind 1-5 Knots	
					6	10.5			
					8	16.3			
					AVERAGE	13.1	(36.5 Below Limit)		
	13:12	070605_d44_9_15	817636.99	Down	2	8.5		Cloudy, ~80 Degrees	None
			2686306.24		4	6.8		S Wind 1-5 Knots	
					6	7.5			
					8	10.0			
Low 13:40					AVERAGE	8.2	(41.4 Below Limit)		



7/7/2005 New Bedford Harbor Dredge Project - Phase II Water Quality Monitoring - Placement Operations - OU#3 Cap Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity	Permissible Turbidity	Weather Conditions	Vessel
Low 14:59				Current		(NTUs)	Increase (NTUs)		Traffic
Rising Tide	15:54	070705_d57_00	817632.68	Down	2	6.0		Cloudy, ~70 Degrees	None
		(Background)	2686465.82		4	7.0		N Wind 5-15 Knots	
					6	9.0			
					8	10.0			
					AVERAGE	8.0	48.0		
	15:59	PLACEMENT 57	STARTED						
	16:00	070705_d57_9_00	817410.56	Down	2	7.0		Cloudy, ~70 Degrees	None
			2686220.56		4	9.0		N Wind 5-15 Knots	
					6	13.0			
					8	16.5			
					AVERAGE	11.4	36.6 NTUs		
	16:05	070705_d57_9_05	817456.77	Up	2	11.0	Below Permissible	Cloudy, ~70 Degrees	None
			2686131.07		4	12.0	Turbidity Increase Limit	N Wind 5-15 Knots	
					6	12.0			
					8	18.0			
					AVERAGE	13.3	(34.7 Below Limit)		
	16:08	070705_d57_9_10	817536.68	Up	2	12.0		Cloudy, ~70 Degrees	None
			2686148.56		4	14.0		N Wind 5-15 Knots	
					6	16.0			
					8	17.0			
					AVERAGE	14.8	(33.2 Below Limit)		
	16:15	070705_d57_9_15	817784.8	Up	2	2.0		Cloudy, ~70 Degrees	None
			2686480.46		4	2.1		N Wind 5-15 Knots	
					6	2.2			
					8	2.8			
High 21:36					AVERAGE	2.3	(45.7 Below Limit)		



7/8/2005 New Bedford Harbor Dredge Project - Phase II Water Quality Monitoring - Placement Operations - OU#3 Cap Area Tide Time ID Coordinates Up/Down Depth (ft.) Ave. Turbidity Permissible Turbidity Weather Conditions Vessel High10:02 Current (NTUs) Increase (NTUs)

lide lime	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity	Permissible Turbidity	Weather Conditions	
High10:02				Current		(NTUs)	Increase (NTUs)		Traffic
Falling Tide	9:33	070805_d66_00	817594.42	Down	2	4.0		Cloudy,~65 Degrees	None
		(Background)	2685883.24		4	4.2		E,SE Wind 5-10 Knots	
					6	4.5			
					8	4.5			
					10	4.4			
					AVERAGE	4.3	44.3		
	9:38	PLACEMENT 66	STARTED					Cloudy,~65 Degrees	
	9:39	0707805_d66_9_00	817632.84	Up	2	2.3		E,SE Wind 5-10 Knots	None
			2686332.16		4	2.6			
					6	2.6			
					8	2.7			
					10	2.5			
					AVERAGE	2.5	41.8 NTUs		
	9:44	070805_d66_9_05	817503.9	Down	2	5.0	Below Permissible	Cloudy,~65 Degrees	None
			2686086.51		4	4.4	Tubidity Increase Limit	E,SE Wind 5-10 Knots	
					6	5.0			
					8	4.5			
					AVERAGE	4.7	(37.1 Below Limit)		
	9:49	070805_d66_9_10	817662.58	Down	2	2.6		Cloudy,~65 Degrees	None
			2686082.98		4	2.4		E,SE Wind 5-10 Knots	
					6	2.9			
					8	2.7			
					10	2.7			
					AVERAGE	2.7	(34.4 Below Limit)		
	9:53	070805_d66_9_15	817590.14	Down	2	4.2		Cloudy,~65 Degrees	None
			2686084.76		4	4.4		E,SE Wind 5-10 Knots	
-					6	4.5			
F					8	4.7			
					10	4.6			
Low 15:13					AVERAGE	4.5	(29.9 Below Limit)		



7/12/2005 New Bedford Harbor Dredge Project - Phase II Water Quality Monitoring - Placement Operations - OU#3 Cap Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity	Permissible Turbidity	Weather Conditions	Vessel
High 12:44				Current		(NTUs)	Increase (NTUs)		Traffic
Falling Tide	16:10	071205_d104_00	818012.77	Up	2	5.0		Cloudy,~65 Degrees	None
		(Background)	2696359.72		4	4.0		E,SE Wind 5-10 Knots	
1 [6	4.4			
					8	6.0			
					AVERAGE	4.9	44.9		
	16:15	PLACEMENT 104	STARTED					Cloudy,~65 Degrees	
	16:20	071205_d104_9_05	817879.82	Up	2	37.0		E,SE Wind 5-10 Knots	None
			2686272.97		4	36.0			
					6	34.0			
					8	40.0			
					AVERAGE	36.8	8.1 NTUs		
	16:25	071205_d104_9_10	817751.93	Down	2	12.0	Below Permissible	Cloudy,~65 Degrees	None
			2686294.06		4	11.8	Turbidity Increase Limit	E,SE Wind 5-10 Knots	
					6	18.0			
					8	4.0			
					AVERAGE	11.5	(33.4 Below Limit)		
	16:28	071205_d104_9_15	827729.61	Down	2	12.0		Cloudy,~65 Degrees	None
[2686205.92		4	14.0		E,SE Wind 5-10 Knots	
					6	20.0			
					8	19.5			
Low 17:22					AVERAGE	16.4	(28.5 Below Limit)		



Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity	Permissible Turbidity	Weather Conditions	Vessel
Low 7:08				Current		(NTUs)	Increase (NTUs)		Traffic
Rising Tide	9:20	071405_d118_00	817819.92	Up	2	1.3		Cloudy,~75 Degrees	None
		(Background)	2686161.75		4	1.5		SW Wind 5-10 Knots	
					6	1.6			
					8	1.8			
					AVERAGE	1.6	41.6		
	9:42	PLACEMENT 118	STARTED					Cloudy,~75 Degrees	
	9:42	071405_d118_9_00	817855.33	Down	2	1.2		SW Wind 5-10 Knots	None
			2686117.46		4	2.5			
					6	4.2			
					8	5.0			
					AVERAGE	3.2	38.3 NTUs		
	9:46	071405_d118_9_05	817732.02	Down	2	1.4	Below Permissible	Cloudy,~75 Degrees	None
			2686016.99		4	2.5	Turbidity Increase Limit	SW Wind 5-10 Knots	
					6	2.2			
					8	2.1			
					AVERAGE	2.1	(39.5 Below Limit)		
	9:51	071405_d118_9_10	817692.5	Down	2	1.8		Cloudy,~75 Degrees	None
			2685808.39		4	2.5		SW Wind 5-10 Knots	
					6	2.2			
					8	10.0			
					AVERAGE		(37.4 Below Limit)		
	9:56	071405_d118_9_15	818008.59	Down	2	12.0		Cloudy,~75 Degrees	Yes
			2685744.23		4	14.0		SW Wind 5-10 Knots	
					6	10.0			
					8	11.0			
High 14:11					AVERAGE	11.8	(29.8 Below Limit)		

7/14/2005 New Bedford Harbor Dredge Project - Phase II Water Quality Monitoring - Placement Operations - OU#3 Cap Area



7/22/2005 New Bedford Harbor Dredge Project - Phase II Water Quality Monitoring - Placement Operations - OU#3 Cap Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity	Permissible Turbidity	Weather Conditions	Vessel
High 9:13				Current		(NTUs)	Increase (NTUs)		Traffic
Falling Tide	11:23	071405_d154_00	818247.33	Down	2	1.2		Sunny,~80 Degrees	None
		(Background)	2685861.26		4	1.0		SE Wind 5-10 Knots	
					6	1.1			
					8	1.0			
					10	1.0			
					AVERAGE	1.1	41.1		
	12:00	PLACEMENT 154	STARTED					Sunny,~80 Degrees	
	12:03	071405_d154_9_05	818111.32	Up	2	14.0		SE Wind 5-10 Knots	Yes
			2686176.54		4	22.0			
					6	24.0			
					8	20.0			
					10	12.0			
					AVERAGE	18.4	22.7 NTUs		
	12:08	071405_d154_9_10	818263.87	Up	2	1.0	Below Permissible	Sunny,~80 Degrees	None
			2686220.39		4	1.5	Turbidity Increase Limit	SE Wind 5-10 Knots	
					6	1.2			
					8	3.9			
					10	5.0			
					12	13.0			
					AVERAGE	4.3	(36.8 Below Limit)		
	12:15	071405_d154_9_15	818080.84	Up	2	1.3		Sunny,~80 Degrees	None
			2686040.82		4	15.0		SE Wind 5-10 Knots	
					6	10.0			
					8	31.0			
					10	18.0			
					12	20.0			
Low 14:47					AVERAGE	15.9	(25.2 Below Limit)		

