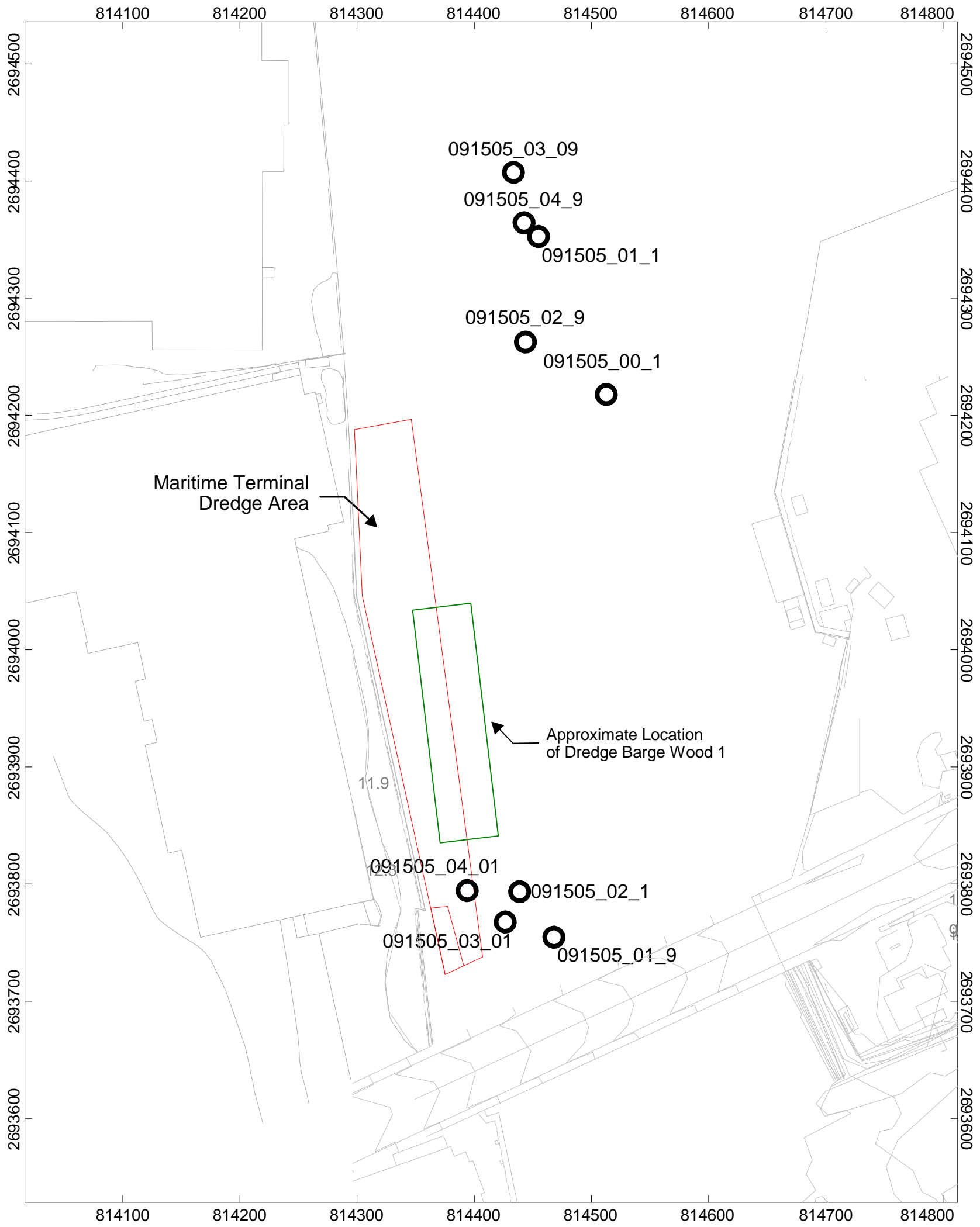


9/15/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - Maritime Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
High 5:57				Current					
Falling Tide	9:30	091505_00_01	814454.27	Up	5	0.6		Cloudy looks like rain	None
			2692734.15		10	0.5		Wind ~ 5-10 Kts NE	
					15	0.8		No Dredging Occuring	
					20	0.5			
					25	0.4			
Low 11:40					AVERAGE	0.5	20.5		
Rising Tide	14:31	091505_01_1	814454.78	Up	5	0.7	(Background)	Cloudy looks like rain	None
			2694352.7	(Background)	10	0.6		Wind ~ 5-10 Kts NE	
					15	2.6			
					20	2.3			
					25	2.4			
					AVERAGE	1.7	21.7		
	14:36	091505_01_9	814467.27	Down	5	3.5	(Background)	Rainy ~70 deg. F	None
			26903754.63		10	3.3		Wind ~ 5-10 Kts NE	
					15	2.9			
					20	3.4			
					25	3.6			
					30	3.4			
					AVERAGE	3.3	(18.4 Below Permissible)		
	15:35	091505_02_1	814438.72	Up	5	2.0	Turbidity Increase Limit)	Rainy ~70 deg. F	None
			2693793.54	(Background)	10	1.9		Wind ~ 5-10 Kts NE	
					15	1.2			
					20	1.1			
					25	0.8			
					30	0.9			
					AVERAGE	1.3	21.3		
	15:36	091505_02_9	814443.69	Down	5	7.0	(Background)	Rainy ~70 deg. F	None
			2694262.57		10	10.0		Wind ~ 5-10 Kts NE	
					15	16.0			
					20	16.2			
					25	4.0			
					30	2.0			
					AVERAGE	9.2	(11.2 Below Permissible)		
	16:30	091505_03_1	814426.44	Up	5	6.0	Turbidity Increase Limit)	Rainy ~70 deg. F	None
			2693767.63	(Background)	10	2.5		Wind ~ 5-10 Kts NE	
					15	2.6			
					20	2.7			
					25	2.9			
					30	2.0			
					AVERAGE	3.1	23.1		
	16:35	091505_03_9	814433.47	Down	5	7.0	(Background)	Rainy ~70 deg. F	None
			2694407.47		10	12.5		Wind ~ 5-10 Kts NE	
					15	11.0			
					20	12.0			
					25	5.0			
					30	3.7			
					AVERAGE	8.5	(14.6 Below Permissible)		
	17:23	091505_04_1	814393.95	Up	5	1.1	Turbidity Increase Limit)	Rainy ~70 deg. F	None
			2693794.44	(Background)	10	2.8		Wind ~ 5-10 Kts NE	
					15	2.6			
					20	2.1			
					25	2.1			
					30	2.1			
					AVERAGE	2.1	22.1		
	17:28	091505_04_9	814442.46	Down	5	1.8	(Background)	Rainy ~70 deg. F	None
			2694364.29		10	2.9		Wind ~ 5-10 Kts NE	
					15	1.6			
					20	3.3			
					25	6.5			
					30	2.6			
					AVERAGE	3.1	(19.0 Below Permissible)		
High 18:30							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.



LEGEND

091505_02_9 - Water Quality Monitoring Location

Figure 1		MARITIME TERMINAL DREDGE AREA WATER QUALITY MONITORING LOCATIONS	Scale 1:1200 1" = 100' 					
	JOB # 6542.011	9/15/2005						
	DATE: Sept. 15, 2005	New Bedford Harbor New Bedford, MA						
	FIGURE 1							
								REVISIONS DATE BY

9/16/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - Maritime Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity	Permissible Turbidity	Weather Conditions	Vessel
High 6.53				Current		(NTUs)	Increase (NTUs)		Traffic
Falling Tide	7:47	091605_00_1	814417.75	Up	5	4.8		Rainy - 75 deg. F	None
			2694424.98		10	2.4		Wind - 5-10 Kts. SW	
					15	2.8			
					20	2.7			
					25	2.3			
					30	3.1			
					AVERAGE	3.0	23.0		
	8:08	091605_01_1	814425.05	Up	5	11.5	(Background)	Rainy - 75 deg. F	None
			2694442.09	(Background)	10	4.0		Wind - 5-10 Kts. SW	
					15	3.1			
					20	2.5			
					25	2.8			
					30	3.8			
					AVERAGE	4.6	24.6		
	7:58	091605_01_9	814398.38	Down	5	4.1	(Background)	Rainy - 75 deg. F	None
			2693834.91		10	2.0		Wind - 5-10 Kts. SW	
					15	2.6			
					20	2.6			
					25	2.5			
					30	3.0			
				AVERAGE	2.8	(21.8 Below Permissible			
9:53	091605_03_1	814420.88	Up	5	4.6	Turbidity Increase Limit)	Rainy - 75 deg. F	None	
		2694407.78	(Background)	10	5.7		Wind - 5-10 Kts. SW		
				15	4.1				
				20	2.6				
				25	2.3				
				30	2.8				
				AVERAGE	3.7	23.7			
10:08	091605_03_9	814427.12	Down	5	12.5	(Background)	Rainy - 75 deg. F	None	
		2693734.4		10	9.5		Wind - 5-10 Kts. SW		
				15	12.5				
				20	12.0				
				25	2.9				
				30	2.0				
				AVERAGE	8.6	(15.1 Below Permissible			
12:07	091605_05_1	814422.48	Up	5	9.8	Turbidity Increase Limit)	Rainy - 75 deg. F	None	
		2694443.41	(Background)	10	2.4		Wind - 5-10 Kts. SW		
				15	4.4				
				20	6.0				
				25	22.0				
				30	14.5				
				AVERAGE	9.8	29.8			
12:15	091605_05_9	814397.5	Down	5	6.8	(Background)	Rainy - 75 deg. F	None	
		2693723.13		10	13.0		Wind - 5-10 Kts. SW		
				15	6.0				
				20	4.1				
				25	3.3				
				AVERAGE	6.6	(23.2 Below Permissible			
Low 12.40									
Rising Tide	14:23	091605_07_1	81485.22	Up	5	7.9	Turbidity Increase Limit)	Rainy - 75 deg. F	None
			2693525.8	(Background)	10	4.5		Wind - 5-10 Kts. SW	
					15	2.3			
					20	2.4			
					25	3.2			
					AVERAGE	4.0	24.0		
	14:06	091605_07_9	814385.22	Down	5	8.8	(Background)	Rainy - 75 deg. F	None
			2694216.07		10	17.5		Wind - 5-10 Kts. SW	
					15	7.5			
					20	5.5			
					25	4.3			
					30	1.8			
					AVERAGE	7.5	(16.5 Below Permissible		
	16:14	091605_09_1	814426.94	Up	5	5.2	Turbidity Increase Limit)	Rainy - 75 deg. F	None
			2693756.21	(Background)	10	3.0		Wind - 5-10 Kts. SW	
					15	2.7			
					20	2.3			
					25	3.0			
					30	4.4			
					AVERAGE	3.4	23.4		
16:10	091605_09_9	814391.97	Down	5	0.4		Rainy - 75 deg. F	None	
		2694575.06		10	7.9		Wind - 5-10 Kts. SW		
				15	7.9				
				20	9.5				
				25	7.8				
				30	6.4				
				AVERAGE	6.6	(16.8 Below Permissible			
High 19.22							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

9/17/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - Maritime Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down Current	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
High 7:44									
Falling Tide	8:52	091705_01_1	814598.22	Up	5	3.5		Cloudy light rain	None
			2694685.81	(Background)	10	2.2		Wind 10 Kts NE	
					15	2.3			
					20	2.3			
					25	2.3			
					30	2.7			
					AVERAGE	2.5	22.5		
	9:01	091705_01_9	814398.59	Down	5	16.5	(Background)	Cloudy ~75 deg. F	None
			2693709.36		10	2.7		Wind ~ 5-10 Kts NE	
					15	2.7			
					20	2.5			
					25	2.6			
					30	3.6			
					AVERAGE	5.1	(17.4 Below Permissible Turbidity Increase Limit)		
	10:36	091705_03_1	814514.18	Up	5	3.3	Turbidity Increase Limit)	Cloudy ~75 deg. F	None
			2694435.84	(Background)	10	2.8		Wind ~ 5-10 Kts NE	
					15	3.3			
					20	1.8			
					25	2.1			
					30	2.6			
					AVERAGE	2.6	22.6		
	10:52	091705_03_9	814488.93	Down	5	7.5	(Background)	Cloudy ~75 deg. F	None
			2693554.73		10	8.9		Wind ~ 5-10 Kts NE	
					15	11.0			
					20	11.0			
					25	8.3			
					AVERAGE	9.3	(13.3 Below Limit)		
	12:38	091705_05_1	814535.37	Up	5	3.8	Turbidity Increase Limit)	Cloudy ~75 deg. F	None
			2694592.09	(Background)	10	3.2		Wind ~ 5-10 Kts NE	
					15	4.4			
					20	2.8			
					25	1.7			
					30	2.1			
					AVERAGE	3.0	23.0		
	12:56	091705_05_9	814357.12	Down	5	6.0	(Background)	Cloudy ~75 deg. F	None
			2694044.21		10	14.0		Wind ~ 5-10 Kts NE	
					15	15.0			
					20	6.5			
					AVERAGE	10.4	(12.6 Below Limit)		
Low 13:36									
Rising Tide	14:33	091705_07_1	10' North of Rt. 6 Bridge	Up	5	3.2	Turbidity Increase Limit)	Cloudy ~75 deg. F	None
				(Background)	10	2.5		Wind ~ 5-10 Kts NE	
					15	2.4			
					20	2.9			
					25	3.0			
					30	3.5			
					AVERAGE	2.9	22.9		
	14:55	091705_07_9	10' North of Rt. 6 Bridge	Down	5	5.0	(Background)	Cloudy ~75 deg. F	None
					10	18.5		Wind ~ 5-10 Kts NE	
					15	32.5			
					20	19.5			
					25	12.5			
					30	7.5			
					AVERAGE	15.9	(7.0 Below Permissible Turbidity Increase Limit)		
High 20:12									

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

9/19/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - White's Terminal Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down Current	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
High 9:21									
Falling Tide	10:00	091905_00_1	815055	Up	5	2.0		Sunny ~75 deg. F	None
			2695409	(Background)	15	1.8		Wind 5-10 kts NE	
					25	3.0			
					AVERAGE	2.3	22.3		
	10:18	091905_00_9	815144	Down	5	2.3	(Background)	Sunny ~75 deg. F	None
			2694602		15	2.5		Wind 5-10 kts NE	
					25	3.0			
					AVERAGE	2.6	(19.7 Below Permissible)		
	14:12	091905_06_1	814995	Up	5	3.5	Turbidity Increase Limit)	Sunny ~75 deg. F	None
			2695373	(Background)	15	2.8		Wind 5-10 kts NE	
					25	2.5			
					AVERAGE	2.9	22.9		
	14:17	091905_06_9	815122	Down	5	3.3	(Background)	Sunny ~75 deg. F	None
			2694597		15	3.8		Wind 5-10 kts NE	
					25	2.5			
					AVERAGE	3.2	(19.7 Below Permissible)		
	15:21	091905_07_1	8151818	Up	5	3.0	Turbidity Increase Limit)	Sunny ~75 deg. F	None
			2695037	(Background)	15	2.5		Wind 5-10 kts NE	
					25	10.0			
					AVERAGE	5.2	25.2		
	15:15	091905_07_9	815164	Down	5	18.0	(Background)	Sunny ~75 deg. F	None
			2694528		15	5.5		Wind 5-10 kts NE	
					25	3.5			
					AVERAGE	9.0	(16.2 Below Permissible)		
Low 15:17							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

9/21/2005
New Bedford Harbor Dredge Project - Phase II - Part 2
Water Quality Monitoring - White's Terminal Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down Current	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 3:56									
Rising Tide	7:46	092105_00_1	814599.29	Up	5	2.9		Sunny ~ 75 deg. F	None
			2694441.52	(Background)	15	2.3		Wind 5-10 kts W	
					25	2.6			
					AVERAGE	2.6	22.6		
	7:59	092105_00_9	815126.88	Down	5	3.8	(Background)	Sunny ~ 75 deg. F	None
			2694995.01		15	4.6		Wind 5-10 kts W	
					25	4.5			
					AVERAGE	3.0	(19.6 Below Permissible)		
	9:43	092105_02_1	815248.46	Up	5	2.3	Turbidity Increase Limit)	Sunny ~ 75 deg. F	None
			2694376.43	(Background)	15	1.5		Wind 5-10 kts W	
					25	2.0			
					AVERAGE	1.9	21.9		
	9:47	092105_02_9	815106.71	Down	5	3.0	(Background)	Sunny ~ 75 deg. F	None
			2694939.99		15	3.6		Wind 5-10 kts W	
					25	5.0			
					AVERAGE	3.9	(18.0 Below Permissible)		
High 10:57									
Falling Tide	11:25	092105_04_1	815162.14	Up	5	3.4	Turbidity Increase Limit)	Sunny ~ 75 deg. F	None
			2695397.31	(Background)	15	3.8		Wind 5-10 kts W	
					25	5.0			
					AVERAGE	4.1	24.1		
	12:29	092105_04_9	815141.71	Down	5	7.3	(Background)	Sunny ~ 75 deg. F	None
			2694557.36		15	2.5		Wind 5-10 kts W	
					25	3.8			
					AVERAGE	4.5	(19.6 Below Permissible)		
	14:20	092105_07_1	815046.65	Up	5	3.5	Turbidity Increase Limit)	Sunny ~ 75 deg. F	None
			2695455.02	(Background)	15	3.3		Wind 5-10 kts W	
					25	5.3			
					AVERAGE	4.0	24.0		
	14:25	092105_07_9	815176.7	Down	5	10.5	(Background)	Sunny ~ 75 deg. F	None
			2694611.2		15	6.8		Wind 5-10 kts W	
					25	9.5			
					AVERAGE	8.9	(15.1 Below Permissible)		
	17:35	092105_10_1	815207.72	Up	5	3.5	Turbidity Increase Limit)	Sunny ~ 75 deg. F	None
			2694451.02	(Background)	15	4.0		Wind 5-10 kts W	
					25	3.3			
					AVERAGE	3.6	23.6		
	17:38	092105_10_9	815210.06	Down	5	2.7	(Background)	Sunny ~ 75 deg. F	None
			2695057.56		15	10.0		Wind 5-10 kts W	
					25	13.0			
					AVERAGE	8.6	(15.0 Below Permissible)		
Low 16:47							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

9/26/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - Pease Park Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down Current	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 8:03									
Rising Tide	12:55	092605_01_1	817791.2	Up	5	3.5		Cloudy ~70 deg. F	None
			2693259.8	(Background)	15	3.1		Wind 20-30 Kts SW	
					25	3.4			
					AVERAGE	3.3	23.3		
	13:03	092605_01_9	817929.5	Down	5	3.8	(Background)	Cloudy ~70 deg. F	None
			2694003.2		15	4.6		Wind 20-30 Kts SW	
					25	4.5			
					AVERAGE	3.0	(20.3 Below Permissible)		
	14:11	092605_02_1	817862.1	Up	5	5.0	Turbidity Increase Limit)	Cloudy ~70 deg. F	None
			2693436.9	(Background)	15	4.3		Wind 20-30 Kts SW	
					25	3.5			
					AVERAGE	4.3	24.3		
	14:04	092605_02_9	818044.3	Down	5	22.5	(Background)	Cloudy ~70 deg. F	None
			2693977.4		15	22.5		Wind 20-30 Kts SW	
					25	21.3			
					AVERAGE	22.1	(2.2 Below Permissible)		
High 15:30							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

9/30/2005
New Bedford Harbor Dredge Project - Phase II - Part 2
Water Quality Monitoring - Pease Park Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
High 6:43				Current					
Rising Tide	8:48	093005_01_1	817925.66	Up	5	5.0		Sunny -70 deg. F	None
			2694001.67	(Background)	10	5.5		Wind 5-10 Kts. NW	
					15	3.5			
					AVERAGE	4.7	24.7		
	8:52	093005_01_9	817945.39	Down	5	5.0	(Background)	Sunny -70 deg. F	None
			2693414.46		10	10.0		Wind 5-10 Kts. NW	
					15	17.5			
					AVERAGE	10.8	(13.9 Below Permissible)		
	10:38	093005_03_1	817974.46	Up	5	2.2	Turbidity Limit)	Sunny -75 deg. F	None
			2693770.27	(Background)	10	3.4		Wind 5-10 Kts. NW	
				15	5.0				
				AVERAGE	3.5	23.5			
10:42	093005_03_9	817968.49	Down	5	5.0	(Background)	Sunny -75 deg. F	None	
		2693508.16		10	4.8		Wind 5-10 Kts. NW		
				15	2.5				
				AVERAGE	4.1	(19.4 Below Permissible)			
Low 12:17									
Falling Tide	12:38	093005_05_1	817860.19	Up	5	5.5	Turbidity Limit)	Sunny -80 deg. F	None
			2693426.89	(Background)	10	4.3		Wind 5-10 Kts. NW	
					15	2.2			
					AVERAGE	4.0	24.0		
	12:43	093005_05_9	817893.86	Down	5	2.5	(Background)	Sunny -80 deg. F	None
			2694023.07		10	5.5		Wind 5-10 Kts. NW	
				15	13.0				
				AVERAGE	7.0	(17.0 Below Permissible)			
High 19:02							Turbidity Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

10/3/2005
New Bedford Harbor Dredge Project - Phase II - Part 2
Water Quality Monitoring - D.N. Kelley (K1) and SR1 Excavation Areas

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 2:52				Current					
Rising Tide	8:54	100305_03_1	817942.97	Up	2	2.6		Cloudy ~70 deg F	None
			2693886.54	(Background)	5	5.3		Wind ~ 2 Kts. N	
					10	14.9			
					AVERAGE	7.6	27.6		
	9:01	100305_03_9	817824.33	Down	5	5.3	(Background)	Cloudy ~70 deg F	None
			2693300.85		10	6.3		Wind ~ 2 Kts. N	
					15	5.5			
					AVERAGE	5.7	(21.9 Below Permissible)		
High 9:38									
Falling Tide	11:42	100305_05_1	815199.84	Up	5	2.3	Turbidity Increase Limit	Cloudy ~70 deg F	None
			2693545.07	(Background)	10	2.6		Wind ~ 2 Kts. N	
					15	3.3			
					AVERAGE	2.7	22.7		
	11:49	100305_05_9	815780.63	Down	5	2.8	(Background)	Cloudy ~70 deg F	None
			2692762.94		10	2.0		Wind ~ 2 Kts. N	
					15	2.2			
					AVERAGE	2.3	(20.6 Below Permissible)		
	13:40	100305_08_1	815271.74	Up	5	2.8	Turbidity Increase Limit	Cloudy ~70 deg F	None
			2693858.85	(Background)	10	2.5		Wind ~ 2 Kts. N	
					15	10.1			
					AVERAGE	5.1	25.1		
	13:50	100305_08_9	815561.13	Down	5	7.8	(Background)	Cloudy ~70 deg F	None
			2693013.89		10	2.8		Wind ~ 2 Kts. N	
					15	6.8			
					AVERAGE	5.8	(19.3 Below Permissible)		
	15:55	100305_10_1	815750.15	Up	5	5.0	Turbidity Increase Limit	Cloudy ~70 deg F	None
			2693021.46	(Background)	10	6.9		Wind ~ 2 Kts. N	
					15	4.7			
					AVERAGE	5.5	25.5		
	16:02	100305_10_9	815398.53	Down	5	2.6	(Background)	Cloudy ~70 deg F	None
			2693705.35		10	5.8		Wind ~ 2 Kts. N	
					15	12.8			
					AVERAGE	7.1	(18.4 Below Permissible)		
	17:15	100305_11_1	817528.94	Up	5	3.3	Turbidity Increase Limit	Cloudy ~70 deg F	None
			2692861.62	(Background)	10	2.9		Wind ~ 2 Kts. N	
					15	4.0			
					AVERAGE	3.4	23.4		
	17:30	100305_11_9	817944.4	Down	5	7.3	(Background)	Cloudy ~70 deg F	None
			693276.07		10	11.2		Wind ~ 2 Kts. N	
					15	11.2			
					AVERAGE	9.9	(13.5 Below Permissible)		
Low 17:57							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

10/6/2005
New Bedford Harbor Dredge Project - Phase II - Part 2
Water Quality Monitoring - D.N. Kelley (K1) Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 3:24				Current					
Rising Tide	7:54	100605_02_1	817847.58	Up	2	1.8		Cloudy -68 deg. F	None
			2693813.81	(Background)	5	5.4		Wind 1-5 Kts. NNW	
					10	8.0			
					AVERAGE	5.1	25.1		
	7:58	100605_02_9	817862.67	Down	2	2.0	(Background)	Cloudy -68 deg. F	None
			2693307.13		4	3.5		Wind 1-5 Kts. NNW	
					14	1.9			
					AVERAGE	2.5	(22.6 Below Permissible)		
	9:47	100605_04_1	817865.43	Up	2	1.8	Turbidity Increase Limit)	Cloudy -70 deg. F	None
			2693879.29	(Background)	10	4.0		Wind 1-5 Kts. NNW	
				15	10.5				
				AVERAGE	5.4	25.4			
9:49	100605_04_9	817953.21	Down	2	5.0	(Background)	Cloudy -70 deg. F	None	
		2693443.85		8	8.5		Wind 1-5 Kts. NNW		
				16	3.4				
				AVERAGE	5.6	(19.8 Below Permissible)			
High 10:19									
Falling Tide	13:15	100605_07_1	817803.18	Up	2	5.0	Turbidity Increase Limit)	Sunny -72 deg. F	None
			2693010.69	(Background)	5	5.5		Wind 5-10 Kts S	
					8	5.3			
					AVERAGE	5.3	25.3		
	13:10	100605_07_9	817575.01	Down	5	6.5	(Background)	Sunny -72 deg. F	None
			2692729.49		10	5.3		Wind 5-10 Kts S	
				15	1.8				
				AVERAGE	4.5	(20.8 Below Permissible)			
Low 16:08							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

10/10/2005
 New Bedford Harbor Dredge Project - Phase II
 Water Quality Monitoring - Linberg Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down Current	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 6:21									
Flood Tide	11:09	101005_00_1	817847.58	Up	5	2.6		Raining-50 deg. F	None
			2693813.81	(Background)	10	2.5		Wind 10 kts SW	
					15	5.0			
					AVERAGE	3.3	23.3		
	11:13	101005_00_9	817862.67	Down	5	2.6	(Background)	Raining-50 deg. F	None
			2693307.13		10	2.5		Wind 10 kts SW	
					15	3.9			
High 1:55					AVERAGE	3.0	(20.3 Below Permissible)		
Falling Tide									
	13:02	101005_02_1	817865.43	Up	5	4.5	Turbidity Increase Limit)	Raining-50 deg. F	None
			2693879.29	(Background)	10	2.9		Wind 10 kts SW	
					15	3.5			
					AVERAGE	3.6	23.6		
	13:06	101005_02_9	817953.21	Down	2	7.5	(Background)	Raining-50 deg. F	None
			2693443.85		5	15.0		Wind 10 kts SW	
					10	11.0			
					AVERAGE	11.2	(12.4 Below Permissible)		
	14:55	101005_04_1	817803.18	Up	5	2.8	Turbidity Increase Limit)	Raining-50 deg. F	None
			2693010.69	(Background)	10	8.0		Wind 10 kts SW	
					15	9.4			
					AVERAGE	6.7	26.7		
	15:15	101005_04_9	817575.01	Down	2	6.1	(Background)	Raining-50 deg. F	None
			2692729.49		5	4.7		Wind 10 kts SW	
					10	5.0			
					AVERAGE	5.3	(21.4 Below Permissible)		
Low 17:48							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

10/17/2005
New Bedford Harbor Dredge Project - Phase II
Water Quality Monitoring - Linberg Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down Current	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
	7:40	101705_02_1	817878.96 2693561.4	Up (Background)	5 10 15	8.5 3.5 4.0		Sunny-50 deg. F Wind 10 kts NW	None
					AVERAGE	5.3	25.3		
	7:45	101705_02_9	817948.07 2694131.6	Down	2 5 10	10.5 3.1 0.9	(Background)	Sunny-50 deg. F Wind 10 kts NW	None
High 8:11					AVERAGE	4.8	(23.3 Below Permissible)		
Falling Tide	9:35	101705_04_1	818036.19 2694183.4	Up (Background)	2 5 8	7.8 8.0 7.3	Turbidity Increase Limit)	Sunny-50 deg. F Wind 10 kts NW	None
					AVERAGE	7.7	27.7		
	9:40	101705_4_9_1	818134.68 2693870.7	Down	5 10 15	10.5 24.0 50.0	(Background)	Sunny-50 deg. F Wind 10 kts NW	*
					AVERAGE	28.2	(19.4 Below Permissible)		
	9:52	101705_4_9_2	817941.16 2693805.6	Down	5 10 15	42.0 80.0 45.0	Turbidity Increase Limit)	Sunny-50 deg. F Wind 10 kts NW	*
					AVERAGE	55.7	(19.0 Below Permissible)		
	10:00	101705_4_cso (cso up current)	817633.61 2694021	Down	5 7	125.0 37.5	Turbidity Increase Limit)	Sunny-50 deg. F Wind 10 kts NW	*
					AVERAGE	81.3	81.3		
	10:12	101705_4_cso_2 (cso up current)	817816.76 2693756.6	Down	2 5 10	50.0 40.0 125.0		Sunny-50 deg. F Wind 10 kts NW	*
					AVERAGE	71.7	91.7		
	10:18	101705_4_9_3 (cso Down current)	818143.32 2693908.7	Down	5 10	13.0 18.0		Sunny-50 deg. F Wind 10 kts NW	*
					AVERAGE	15.5	15.5		
	10:25	101705_4_9_4 (cso down current)	817982.63 2694036.6	Down	5 10 15	11.5 22.0 14.5		Sunny-50 deg. F Wind 10 kts NW	*
					AVERAGE	16.0	16.0		
	10:35	101705_5_1	817832.31 2694119.5	Up (Background)	5 10 15	22.5 10.0 9.0		Sunny-50 deg. F Wind 10 kts NW	None
					AVERAGE	13.8	28.8		
	10:27	101705_5_9	817802.93 2693701.4	Down	5 10 15	10.0 42.5 14.5	(Background)	Sunny-50 deg. F Wind 10 kts NW	None
					AVERAGE	22.3	(6.5 Below Permissible)		
	11:15	101705_6_1	817683.71 2694084.9	Up (Background)	5 10 15	9.0 12.0 10.5	Turbidity Increase Limit)	Sunny-50 deg. F Wind 10 kts NW	None
					AVERAGE	10.5	25.5		
	11:23	101705_6_9	817873.78 2693468.1	Down	2 5 10	11.0 11.2 8.0	(Background)	Sunny-50 deg. F Wind 10 kts NW	None
					AVERAGE	10.2	(15.3 Below Permissible)		
	11:55	101705_7_1	817557.58 2694126.4	Up (Background)	2 5 10	9.9 2.5 12.0	Turbidity Increase Limit)	Sunny-50 deg. F Wind 10 kts NW	None
					AVERAGE	8.1	28.1		
	12:05	101705_7_9	817759.74 2693742.8	Down	5 10 15	9.1 9.2 7.6	(Background)	Sunny-50 deg. F Wind 10 kts NW	None
Low 13:24					AVERAGE	8.6	(19.0 Below Permissible)		
Flood Tide	13:35	101705_8_1	817889.33 2693333.3	Up (Background)	2 3 5	55.0 60.0 100.3	Turbidity Increase Limit)	Sunny-50 deg. F Wind 10 kts NW	None
					AVERAGE	71.8	93.3		
	13:42	101705_8_9	817749.37 2693976.1	Down	5 10 12	25.0 10.0 7.5	(Background)	Sunny-50 deg. F Wind 10 kts NW	None
High 19:04					AVERAGE	14.2	(79.1 Below Permissible Turbidity Increase Limit)		

* - Observed CSO flowing into harbor up current from dredge

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

10/21/2005
 New Bedford Harbor Dredge Project - Phase II
 Water Quality Monitoring - D.N. Kelley (K-3 and K-4) Excavation Area

Tide Time	Time	ID	Coordinates	Up/Down Current	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 4:00									
Flood Tide	9:53	102105_00_1	817663.71	Up	5	1.6		Sunny-60 deg. F	None
			2692681.4	(Background)	10	1.4		Wind 5 kts E	
					15	1.5			
					AVERAGE	1.5	21.5		
	10:00	102105_01_1	817693.74	Up	5	4.8	(Background)	Sunny-60 deg. F	None
			2692561.5	(Background)	10	1.6		Wind 5 kts E	
					15	2.3			
					AVERAGE	2.9	22.9		
	10:03	102105_01_9	817921.39	Down	5	5.5	(Background)	Sunny-60 deg. F	None
			2692800.1		10	1.8		Wind 5 kts E	
					15	1.5			
					AVERAGE	2.9	(20.0 Below Permissible)		
	11:15	102105_02_1	817895.49	Up	5	1.6	Turbidity Increase Limit)	Sunny-60 deg. F	None
			2692547.8	(Background)	10	1.5		Wind 5 kts E	
					15	3.5			
					AVERAGE	2.2	22.2		
High 11:18									
Falling Tide					AVERAGE	2.2	22.2		
	11:20	102105_02_9	817834.14	Down	5	8.5	(Background)	Sunny-60 deg. F	None
			2692832.8		10	9.8		Wind 5 kts E	
					15	6.1			
					AVERAGE	8.1	(14.1 Below Permissible)		
	12:10	102105_03_1	818008.65	Up	5	7.0	Turbidity Increase Limit)	Sunny-60 deg. F	None
			2692820.5	(Background)	10	7.5		Wind 5 kts E	
					15	8.5			
					AVERAGE	7.7	27.7		
	12:06	102105_03_9	817780.9	Down	5	5.5	(Background)	Sunny-60 deg. F	None
			2692511.7		10	5.8		Wind 5 kts E	
					15	5.5			
					AVERAGE	5.6	(22.1 Below Permissible)		
Low 17:09							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.



LEGEND

○ - Water Quality Monitoring Location

<p>Figure 24</p>		<p>D.N. KELLEY DREDGE AREA WATER QUALITY MONITORING LOCATIONS</p>	<p>Scale 1:1200</p> <p>US survey foot</p>	<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>			REVISIONS	DATE	BY																											
	REVISIONS	DATE					BY																													
JOB # 6542.012	10/21/2005																																			
DATE: Oct. 21, 2005	New Bedford Harbor																																			
FIGURE 24	New Bedford, MA																																			

9/21/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - CAD Cell Disposal Area - Disposal # 1
 Scow - Eddie Carroll - (Mostly Mud)

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 3:56				Current					
Rising Tide	10:54	092105_d1_00	815094.22	Up	5	3.4		Sunny ~ 75 deg. F	None
			2695756.76	(Background)	15	2.5		Wind 5-10 kts W	
					25	5.0			
		10:56 DISPOSAL #1 STARTED							
High 10:57					AVERAGE	3.6	43.6		
Falling Tide	10:57	092105_d1_01	815093.01	Down	5	2.7	(Background)	Sunny ~ 75 deg. F	None
			2695659.56		15	3.5		Wind 5-10 kts W	
					25	5.5			
					AVERAGE	3.0	(40.7 Below Permissible		
	10:59	092105_d1_03	814859.63	Down	5	2.3	Turbidity Increase Limit)	Sunny ~ 75 deg. F	None
			2695828.06		15	2.5		Wind 5-10 kts W	
					25	5.5			
					AVERAGE	3.4	(40.2 Below Permissible		
	11:01	092105_d1_06	814789.68	Down	5	1.4	Turbidity Increase Limit)	Sunny ~ 75 deg. F	None
			2696057.59		15	2.7		Wind 5-10 kts W	
					25	4.8			
					AVERAGE	2.9	(40.7 Below Permissible		
	11:12	092105_d1_15	814956.39	Down	5	5.0	Turbidity Increase Limit)	Sunny ~ 75 deg. F	None
			2695834.56		15	3.8		Wind 5-10 kts W	
					25	5.0			
					AVERAGE	4.6	(39.7 Below Permissible		
Low 16:47							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

9/22/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - CAD Cell Disposal Area - Disposal # 2
 Scow - SEI 2000 (Mostly Mud)

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 3:56									
Rising Tide	11:14	092205_d2_00	814615.34	Up	5	2.5		Sunny ~ 80 deg. F	None
			2695266.84	(Background)	15	2.6		Wind 1-5 kts SW	
					25	3.0			
		11:42 DISPOSAL #2 STARTED							
	High 11:48				AVERAGE	2.7	42.7		
Falling Tide	11:43	092205_d2_01	814996.05	Down	5	3.0	Background	Sunny ~ 80 deg. F	None
			2695913.17		15	5.0		Wind 1-5 kts SW	
					25	5.0			
					AVERAGE	4.3	(38.4 Below Permissible)		
	11:44	092205_d2_02	814910.81	Down	5	5.5	Turbidity Increase Limit)	Sunny ~ 80 deg. F	None
			2696010.02		15	4.3		Wind 1-5 kts SW	
					25	3.8			
					AVERAGE	4.5	(38.2 Below Permissible)		
	11:46	092205_d2_04	814721.45	Down	5	3.0	Turbidity Increase Limit)	Sunny ~ 80 deg. F	None
			2695890.99		15	3.5		Wind 1-5 kts SW	
					25	3.5			
					AVERAGE	3.3	(39.4 Below Permissible)		
	11:51	092205_d2_07	814763.43	Down	5	2.8	Turbidity Increase Limit)	Sunny ~ 80 deg. F	None
			2695742.21		15	4.3		Wind 1-5 kts SW	
					25	4.6			
					AVERAGE	3.9	(38.8 Below Permissible)		
Low 17:31							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

9/22/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - CAD Cell Disposal Area - Disposal # 3
 Scow - Mighty Quinn (Mostly Mud)

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
High 11:48				Current					
Falling Tide	11:14	092205_d3_00	814615.34	Up	5	2.5		Sunny ~ 80 deg. F	None
			2695266.84	(Background)	15	2.6		Wind 1-5 kts SW	
					25	3.0			
		12:06 DISPOSAL #3 STARTED							
					AVERAGE	2.7	42.7		
	12:13	092205_d3_07	815012.56	Down	5	3.5	Background	Sunny ~ 80 deg. F	None
			2695876.22		15	4.6		Wind 1-5 kts SW	
					25	5.5			
					AVERAGE	4.5	(38.2 Below Permissible		
	12:16	092205_d3_10	814904.62	Down	5	3.2	Turbidity Increase Limit)	Sunny ~ 80 deg. F	None
			2695948.32		15	3.4		Wind 1-5 kts SW	
					25	5.5			
					35	10.0			
					AVERAGE	5.5	(37.2 Below Permissible		
	12:21	092205_d3_15	814629.79	Down	5	2.6	Turbidity Increase Limit)	Sunny ~ 80 deg. F	None
			2695809.59		15	3.5		Wind 1-5 kts SW	
					25	4.1			
					AVERAGE	3.4	(39.3 Below Permissible		
	12:24	092205_d3_18	815027.07	Down	5	2.6	Turbidity Increase Limit)	Sunny ~ 80 deg. F	None
			2695961.87		15	7.5		Wind 1-5 kts SW	
					25	5.0			
					AVERAGE	5.0	(37.0 Below Permissible		
Low 17:53							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

9/22/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - CAD Cell Disposal Area - Disposal # 4
 Scow - Pequod (Mostly Sand)

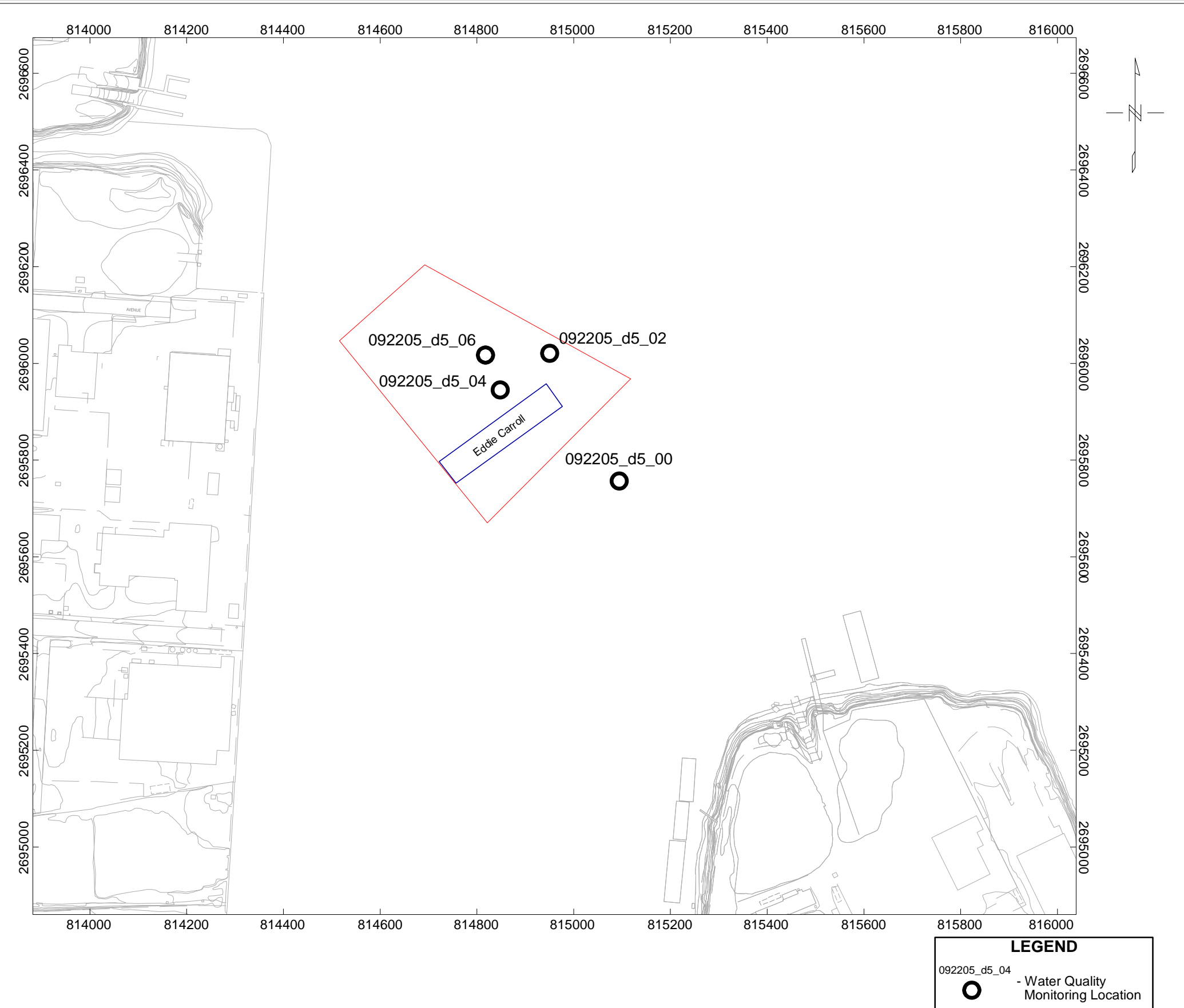
Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
High 11:48									
Falling Tide	11:14	092205_d4_00	814615.34	Up	5	2.5		Sunny ~ 80 deg. F	None
			2695266.84	(Background)	15	2.6		Wind ~ 1-5 kts SW	
					25	3.0			
		12:32 DISPOSAL #4 STARTED							
					AVERAGE	2.7	42.7		
	12:36	092205_d4_04	814843.98	Down	5	3.4	Background	Sunny ~ 80 deg. F	None
			2695975.57		15	7.0		Wind ~ 1-5 kts SW	
					25	4.5			
					AVERAGE	5.0	(37.7 Below Permissible)		
	12:40	092205_d4_08	814861.34	Down	5	3.1	Turbidity Increase Limit	Sunny ~ 80 deg. F	None
			2695946.36		15	4.0		Wind ~ 1-5 kts SW	
					25	11.0			
					AVERAGE	6.0	(36.7 Below Permissible)		
	12:44	092205_d4_12	814867.16	Down	5	5.0	Turbidity Increase Limit	Sunny ~ 80 deg. F	None
			2696014.75		15	6.5		Wind ~ 1-5 kts SW	
					25	10.5			
					AVERAGE	7.3	(35.4 Below Permissible)		
	12:48	092205_d4_16	814758.63	Down	5	6.0	Turbidity Increase Limit	Sunny ~ 80 deg. F	None
			2695809.41		15	5.0		Wind ~ 1-5 kts SW	
					25	2.9			
					AVERAGE	4.6	(38.1 Below Permissible)		
Low 17:53							Turbidity Increase Limit		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

9/22/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - CAD Cell Disposal Area - Disposal # 5
 Scow - Eddie Carroll (Mostly Sand)

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
High 11:48				Current					
Falling Tide	13:13	092205_d5_00	815094.21	Up	5	4.0		Sunny ~ 80 deg. F	None
			2695756.76	(Background)	15	4.8		Wind ~ 1-5 kts SW	
					25	8.0			
	13:20 DISPOSAL #5 STARTED								
					AVERAGE	5.6	45.6		
	13:22	092205_d5_02	814950.44	Down	5	3.5	(Background)	Sunny ~ 80 deg. F	None
			2696020.86		15	9.0		Wind ~ 1-5 kts SW	
					25	12.3			
					AVERAGE	8.3	(37.3 Below Permissible)		
	13:24	092205_d5_04	814848.1	Down	5	4.0	Turbidity Increase Limit)	Sunny ~ 80 deg. F	None
			2695945.08		15	10.5		Wind ~ 1-5 kts SW	
					25	17.5			
					35	25.0			
					AVERAGE	14.3	(31.3 Below Permissible)		
	13:26	092205_d5_06	814817.67	Down	5	3.4	Turbidity Increase Limit)	Sunny ~ 80 deg. F	None
			2696017.28		15	6.5		Wind ~ 1-5 kts SW	
					25	15.2			
					AVERAGE	8.4	(37.2 Below Permissible)		
Low 17:53							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.



LEGEND
 092205_d5_04 - Water Quality Monitoring Location

Figure 11	<p><small>JOB # 6542.011 DATE: Sept. 22, 2005 FIGURE 11</small></p>	<p>CAD CELL DISPOSAL WATER QUALITY MONITORING LOCATIONS DISPOSAL #5 - 9/22/2005 New Bedford Harbor New Bedford, MA</p>	<p>Scale 1:2400 1" = 200'</p> <p>US survey foot</p>	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">REVISIONS</th> <th style="width: 5%;">DATE</th> <th style="width: 5%;">BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	REVISIONS	DATE	BY															
REVISIONS	DATE	BY																				

5/11/2010 10:23:59

9/25/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - CAD Cell Disposal Area - Disposal # 6
 Scow - Eddie Carroll (Mostly Sand)

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 6:51				Current					
Falling Tide	7:11	092505_d6_00	814693.78	Up	5	1.7		Sunny ~ 75 deg. F	None
			2695373.13	(Background)	15	2.6		Wind ~ 1-5 kts SW	
					25	3.8			
	7:45 DISPOSAL #6 STARTED								
					AVERAGE	2.7	42.7		
	7:46	092505_d6_01	814941.43	Down	5	2.5	(Background)	Sunny ~ 75 deg. F	None
			2696086.79		15	9.0		Wind ~ 1-5 kts SW	
					25	6.5			
					AVERAGE	6.0	(36.7 Below Permissible)		
	7:49	092505_d6_04	814727.54	Down	5	2.0	Turbidity Increase Limit)	Sunny ~ 75 deg. F	None
			2695937.28		15	4.5		Wind ~ 1-5 kts SW	
					25	4.0			
					AVERAGE	3.5	(39.2 Below Permissible)		
	7:52	092505_d6_07	814694.1	Down	5	4.0	Turbidity Increase Limit)	Sunny ~ 75 deg. F	None
			2696061.19		15	5.5		Wind ~ 1-5 kts SW	
				25	5.0				
				AVERAGE	4.8	(37.9 Below Permissible)			
High 14:35							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

9/26/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - CAD Cell Disposal Area - Disposal # 7
 Scow - Mighty Quinn (Mostly Sand)

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
High 15:40									
Falling Tide	16:26	092605_d7_00	815104.9	Up	5	2.3		Sunny - 75 deg. F	None
			2695866.6	(Background)	15	2.4			
					25	2.3			
	16:52 DISPOSAL #7 STARTED								
						AVERAGE	2.3	42.3	
	16:53	092605_d7_01	814810.4	Down	5	2.3	(Background)		None
			2695776.4		15	3.3			
					25	5.0			
						AVERAGE	3.5	(38.8 Below Permissible	
	16:55	092605_d7_03	814806.4	Down	5	2.5	Turbidity Increase Limit)		None
			2695591.8		15	2.4			
					25	3.1			
						AVERAGE	2.7	(39.6 Below Permissible	
	16:58	092605_d7_06	814814.8	Down	5	2.6	Turbidity Increase Limit)		None
			2695762.5		15	2.4			
					25	3.3			
						AVERAGE	2.8	(39.5 Below Permissible	
	17:02	092605_d7_10	815033.7	Down	5	3.3	Turbidity Increase Limit)		None
			2695994.9		15	3.0			
					25	4.0			
					AVERAGE	3.4	(38.9 Below Permissible		
17:07	092605_d7_15	814995.1	Down	5	2.7	Turbidity Increase Limit)		None	
		2695818.1		15	2.4				
				25	2.5				
					AVERAGE	2.5	(39.8 Below Permissible		
Low 22:47							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

9/27/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - CAD Cell Disposal Area - Disposal # 9
 Scow - Pequod (Mostly Mud)

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic	
High 14:46										
Falling Tide	16:42	092705_d9_00	814755.4	Up	5	2.9		Sunny - 75 deg. F	None	
			2695300.9	(Background)	15	5.5		Wind 5-10 Kts SW		
					25	5.0				
	17:32 DISPOSAL #9 STARTED									
						AVERAGE	4.5	44.5		
	17:34	092705_d9_02	814894.6	Down	5	1.5	(Background)	Sunny - 75 deg. F	None	
			2695728.1		15	2.5		Wind 5-10 Kts SW		
					25	2.8				
						AVERAGE	2.3	(42.2 Below Permissible Turbidity Increase Limit)		
	17:36	092705_d9_04	814846.1	Down	5	1.8		Sunny - 75 deg. F	None	
			2695696.9		15	2.6		Wind 5-10 Kts SW		
					25	3.0				
						AVERAGE	2.5	(42.0 Below Permissible Turbidity Increase Limit)		
	17:38	092705_d9_06	814805.7	Down	5	2.2		Sunny - 75 deg. F	None	
			2695724.5		15	2.9		Wind 5-10 Kts SW		
					25	3.8				
						AVERAGE	3.0	(41.5 Below Permissible Turbidity Increase Limit)		
	17:40	092705_d9_08	814961.8	Down	5	2.3		Sunny - 75 deg. F	None	
			2695829.8		15	2.4		Wind 5-10 Kts SW		
					25	3.0				
					AVERAGE	2.6	(41.9 Below Permissible Turbidity Increase Limit)			
17:42	092705_d9_10	814950.7	Down	5	1.8		Sunny - 75 deg. F	None		
		2695766.2		15	2.5		Wind 5-10 Kts SW			
				25	2.4					
					AVERAGE	2.2	(42.3 Below Permissible Turbidity Increase Limit)			
Low 23:54										

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

9/29/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - CAD Cell Disposal Area - Disposal # 10
 Scow - Eddie Carroll

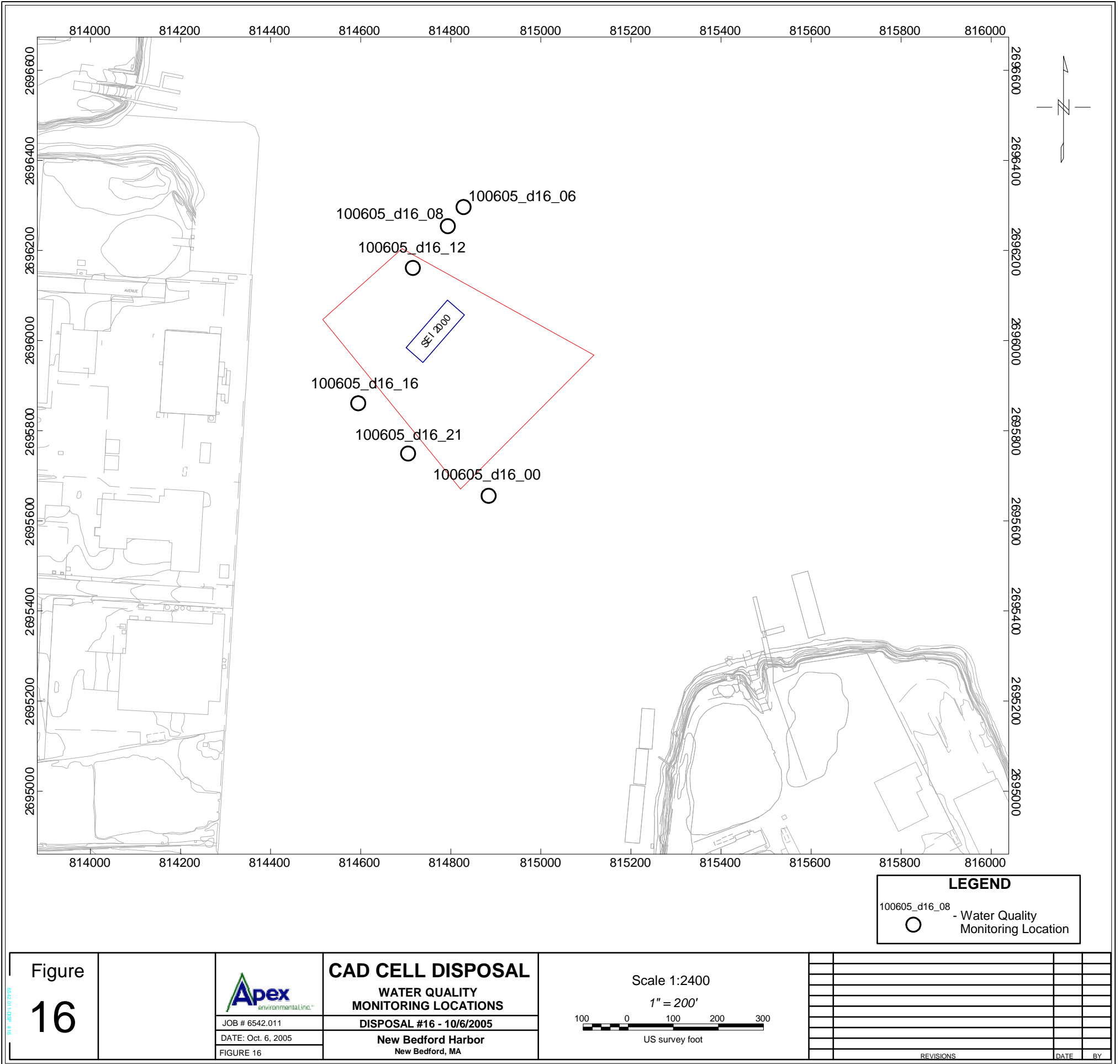
Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
High 6:00									
Falling Tide	10:53	092905_d10_00	814512.2	Up	5	2.9		Sunny - 75 deg. F	None
			2695672.6	(Background)	15	3.5		Wind 15-20 Kts S	
					25	4.6			
	11:02 DISPOSAL #10 STARTED								
					AVERAGE	1.0	41.0		
	11:05	092905_d10_03	814973.1	Down	5	2.7	(Background)	Sunny - 75 deg. F	None
			2695819.8		15	3.0		Wind 15-20 Kts S	
					25	3.6			
					AVERAGE	3.1	(40.6 Below Permissible		
	11:07	092905_d10_05	814927.2	Down	5	2.5	Turbidity Increase Limit)	Sunny - 75 deg. F	None
			2695752.9		15	2.6		Wind 15-20 Kts S	
					25	3.2			
					AVERAGE	2.8	(40.9 Below Permissible		
	11:09	092905_d10_07	814883.6	Down	5	3.0	Turbidity Increase Limit)	Sunny - 75 deg. F	None
			2695688.2		15	3.6		Wind 15-20 Kts S	
					25	5.5			
					AVERAGE	4.0	(39.7 Below Permissible		
	11:12	092905_d10_10	814773.6	Down	5	2.8	Turbidity Increase Limit)	Sunny - 75 deg. F	None
			2695723.8		15	3.4		Wind 15-20 Kts S	
					25	4.3			
					AVERAGE	3.5	(40.2 Below Permissible		
	11:14	092905_d10_12	814872.2	Down	5	2.7	Turbidity Increase Limit)	Sunny - 75 deg. F	None
			2695693.2		15	3.8		Wind 15-20 Kts S	
					25	3.4			
					AVERAGE	3.3	(40.3 Below Permissible		
Low 11:33							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

10/6/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - CAD Cell Disposal Area - Disposal # 16
 Scow - SEI 2000

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic	
Low 4:08										
Rising Tide	5:15	100605_d16_00	814904.16	Up	5	2.8		Sunny ~ 70 deg. F	None	
			2695206.26	(Background)	15	2.4		Wind 5-10 kts W		
					25	2.7				
	5:20 DISPOSAL #16 STARTED									
						AVERAGE	2.6	42.6		
	5:22	100605_d16_02	814793.31	Down	5	2.8	(Background)	Sunny ~ 70 deg. F	None	
			2696254.07		15	3.0		Wind 5-10 kts W		
						AVERAGE	2.9	(39.7 Below Permissible)		
	5:28	100605_d16_08	814747.82	Down	5	3.1	Turbidity Increase Limit)	Sunny ~ 70 deg. F	None	
			2696453.09		15	2.8		Wind 5-10 kts W		
					25	5.0				
						AVERAGE	3.6	(38.9 Below Permissible)		
	5:32	100605_d16_12	814783.11	Down	5	3.0	Turbidity Increase Limit)	Sunny ~ 70 deg. F	None	
			2696410.27		15	2.5		Wind 5-10 kts W		
					25	2.5				
						AVERAGE	2.6	(39.9 Below Permissible)		
	5:36	106050_d16_16	814871.49	Down	5	3.4	Turbidity Increase Limit)	Sunny ~ 70 deg. F	None	
			2696118.78		15	2.5		Wind 5-10 kts W		
					25	2.8				
						AVERAGE	2.9	(39.7 Below Permissible)		
5:41	100605_d16_21	814603.72	Down	5	3.1	Turbidity Increase Limit)	Sunny ~ 70 deg. F	None		
		2695998.02		15	2.3		Wind 5-10 kts W			
				25	3.5					
					AVERAGE	3.0	(39.64 Below Permissible)			
High 10:01							Turbidity Increase Limit)			

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

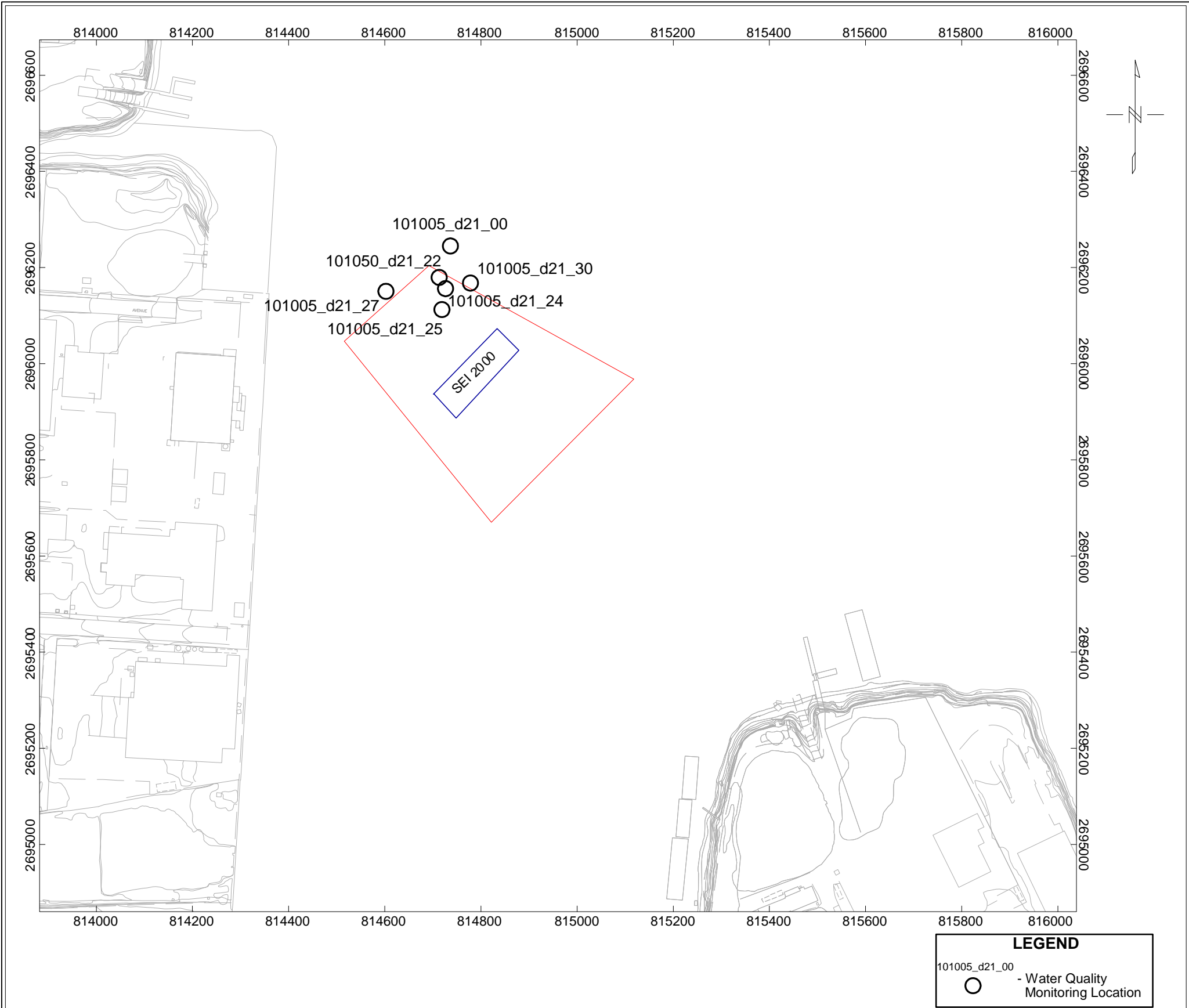


LEGEND	
	100605_d16_08 - Water Quality Monitoring Location


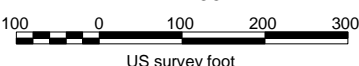
10/10/2005
 New Bedford Harbor Dredge Project - Phase II
 Water Quality Monitoring - CAD Cell Disposal Area - Disposal # 21
 Scow - SEI 2000

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 6:21				Current					
Rising Tide	9:24	101005_d21_00	814736.1	Up	5	4.4		Raining-50 deg. F	None
			2696246.8	(Background)	15	15.0		Wind 10 kts SW	
					25	9.0			
	9:20 DISPOSAL #21 STARTED								
					AVERAGE	9.5	49.5		
	9:42	101005_d21_22	814711.2	Down	5	10.5	(Background)	Raining-50 deg. F	None
			2696180.4		15	12.5		Wind 10 kts SW	
					25	10.0			
					AVERAGE	11.0	(38.5 Below Permissible)		
	9:44	101005_d21_24	814724.3	Down	5	5.3	Turbidity Increase Limit	Raining-50 deg. F	None
			2696158.2		15	10.8		Wind 10 kts SW	
					25	11.0			
					AVERAGE	9.0	(40.5 Below Permissible)		
	9:45	101005_d21_25	814719.1	Down	5	12.0	Turbidity Increase Limit	Raining-50 deg. F	None
			2696108.9		15	6.5		Wind 10 kts SW	
					25	3.8			
					AVERAGE	7.4	(42.1 Below Permissible)		
	9:47	101050_d21_27	815600.2	Down	5	4.0	Turbidity Increase Limit	Raining-50 deg. F	None
			2696150		15	9.0		Wind 10 kts SW	
					25	6.8			
					AVERAGE	6.6	(42.9 Below Permissible)		
	9:50	101005_d21_30	814776.6	Down	5	7.0	Turbidity Increase Limit	Raining-50 deg. F	None
			2696167.7		15	10.0		Wind 10 kts SW	
					25	5.6			
					AVERAGE	7.5	(42.0 Below Permissible)		
High 1:55							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.



LEGEND
 101005_d21_00
 ○ - Water Quality Monitoring Location

Figure <h1 style="margin: 0;">17</h1>		 <small>JOB # 6542.011</small> <small>DATE: Oct. 10, 2005</small> <small>FIGURE 17</small>	CAD CELL DISPOSAL WATER QUALITY MONITORING LOCATIONS DISPOSAL #21 - 10/10/2005 New Bedford Harbor <small>New Bedford, MA</small>	Scale 1:2400 1" = 200'  US survey foot		
		REVISIONS	DATE	BY		

10/21/2005
 New Bedford Harbor Dredge Project - Phase II
 Water Quality Monitoring - CAD Cell Disposal Area - Disposal # 37
 Scow - SEI 2000

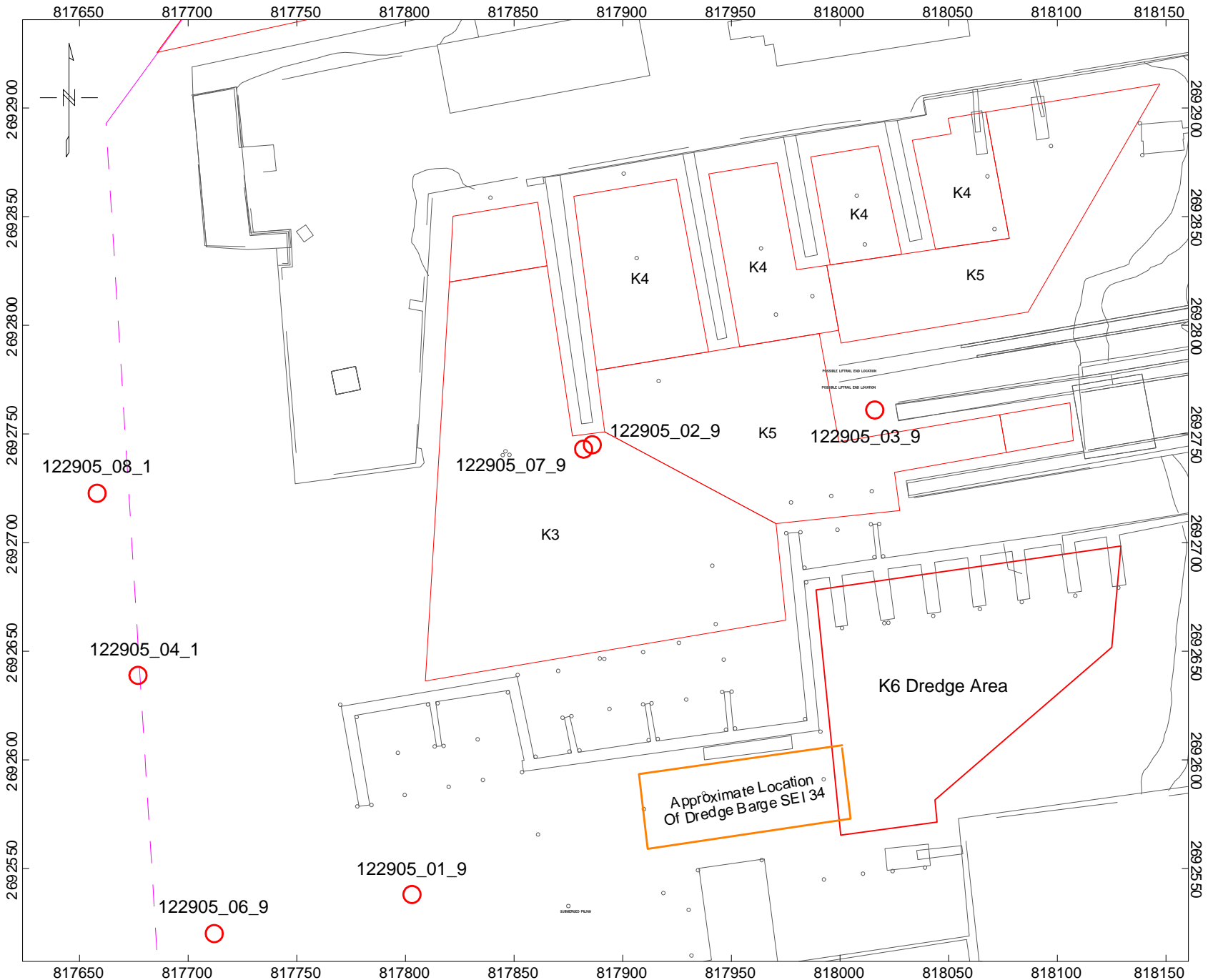
Tide Time	Time	ID	Coordinates	Up/Down Current	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
High 11:18									
Falling Tide	15:00	102105_d37_00_0	815149.67	Up	5	3.3		Sunny-60 deg. F	None
			2696481.2	(Background)	15	3.0		Wind 5 kts E	
					30	2.5			
		15:05 DISPOSAL #37 STARTED							
					AVERAGE	2.9	42.9		
	15:06	102105_d37_00	815031.91	Down	5	3.3	(Background)	Sunny-60 deg. F	None
			2695678.6		15	3.0		Wind 5 kts E	
					30	2.5			
					AVERAGE	2.9	(40.0 Below Permissible)		
	15:07	102105_d37_01	815162.07	Down	5	2.5	Turbidity Increase Limit)	Sunny-60 deg. F	None
			2695892.4		15	3.5		Wind 5 kts E	
					30	2.8			
					AVERAGE	2.9	(40.0 Below Permissible)		
	15:08	102105_d37_02	815013.32	Down	5	3.0	Turbidity Increase Limit)	Sunny-60 deg. F	None
			2696140.3		15	3.0		Wind 5 kts E	
					25	3.5			
					AVERAGE	3.2	(39.7 Below Permissible)		
	15:09	102105_d37_03	814560.86	Down	5	4.0	Turbidity Increase Limit)	Sunny-60 deg. F	None
			2696138.4		15	3.0		Wind 5 kts E	
					25	4.0			
					AVERAGE	3.7	(39.2 Below Permissible)		
	15:10	102105_d37_04	814489.58	Down	5	3.6	Turbidity Increase Limit)	Sunny-60 deg. F	None
			2695991.6		15	2.1		Wind 5 kts E	
					25	4.5			
					AVERAGE	3.4	(39.5 Below Permissible)		
	15:11	102105_d37_05	814529.87	Down	5	3.3	Turbidity Increase Limit)	Sunny-60 deg. F	None
			2695805.6		15	2.0		Wind 5 kts E	
					30	8.5			
					AVERAGE	4.6	(387.3 Below Permissible)		
	15:12	102105_d37_06	814824.28	Down	5	2.5	Turbidity Increase Limit)	Sunny-60 deg. F	None
			2695876.9		15	2.0		Wind 5 kts E	
					30	3.5			
					AVERAGE	2.7	(40.2 Below Permissible)		
	15:13	102105_d37_07	814774.69	Down	5	3.3	Turbidity Increase Limit)	Sunny-60 deg. F	None
			2695749.8		15	3.5		Wind 5 kts E	
					25	2.5			
					AVERAGE	3.1	(39.8 Below Permissible)		
Low 4:59							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.

12/29/2005
 New Bedford Harbor Dredge Project - Phase II - Part 2
 Water Quality Monitoring - D.N. Kelley (K-6) Excavation Area

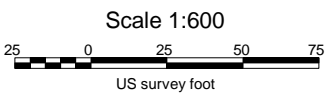
Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
High 6:00				Current					
Flood Tide	9:01	122905_01_9	817803	Down	5	2.5		Light rain, ~55 deg. F	None
		2692538			10	2.5		Wind 5 kts N	
					15	2.5			
					AVERAGE	2.5	(20.8 Below Permissible		
	9:04	122905_02_9	817886	Down	5	2.8	Turbidity Increase Limit)	Light rain, ~55 deg. F	None
		2692745			10	2.8		Wind 5 kts N	
					AVERAGE	2.8	(20.5 Below Permissible		
	9:07	122905_03_9	818016	Down	5	3.0	Turbidity Increase Limit)	Light rain, ~55 deg. F	None
		2692761			10	3.0		Wind 5 kts N	
					15	3.0			
					AVERAGE	3.0	(20.2 Below Permissible		
	9:10	122905_04_1	817538	Up	5	3.3	Turbidity Increase Limit)	Light rain, ~55 deg. F	None
		2692571	(Background)		10	3.3		Wind 5 kts N	
					15	3.3			
					20	3.3			
					AVERAGE	3.3	23.3		
	10:27	122905_06_9	817712	Down	5	7.0	(Background)	Overcast, ~55 deg. F	None
		2692520			10	6.0		Wind 5 kts N	
					15	6.0			
					18	6.0			
					AVERAGE	6.3	(20.0 Below Permissible		
	10:31	122905_07_9	817882	Down	5	10.5	Turbidity Increase Limit)	Overcast, ~55 deg. F	None
		2692743			10	4.0		Wind 5 kts N	
					AVERAGE	7.3	(19.0 Below Permissible		
	10:35	122905_08_1	817440	Up	5	6.5	Turbidity Increase Limit)	Overcast, ~55 deg. F	None
		2692564	(Background)		10	6.0		Wind 5 kts N	
					AVERAGE	6.3	26.3		
Low 12:11							(Background)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.



LEGEND

122905_03_9 - Water Quality Monitoring Location



New Bedford Harbor Dredge - Phase II - Part 2
Water Quality Monitoring Locations
D.N. Kelley (K6) Excavation Area

December 29, 2005

Apex Environmental, Inc.

1/4/2006
New Bedford Harbor Dredge Project - Phase II - Part 2
Water Quality Monitoring - D.N. Kelley (K-6) Excavation Area

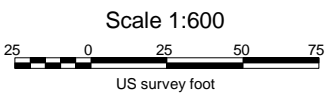
Tide Time	Time	ID	Coordinates	Up/Down Current	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 4:11									
Rising Tide	9:01	010406_00_0	817716.4	Up	5	2.4		Cloudy -25 Deg. F	None
			2692697.3	(Background)	10	2.5		Wind 5-10 Kts. NE	
					15	3.3			
					AVERAGE	2.7	22.7		
	9:46	010406_00_9a	817902.7	Down	5	4.0		Cloudy -25 Deg. F	None
			2692571.6		10	3.5		Wind 5-10 Kts. NE	
					15	2.8			
					AVERAGE	3.4	(19.3 Below Permissible)		
	9:51	010406_00_9b	818033.4	Down	2	3.0	Turbidity Increase Limit	Cloudy -25 Deg. F	None
			2692748.4		8	3.0		Wind 5-10 Kts. NE	
					12	3.0			
					AVERAGE	3.0	(19.7 Below Permissible)		
10:48	010406_01_9a	817906	Down	2	10.5	Turbidity Increase Limit	Cloudy -25 Deg. F	None	
		2692570.8		6	8.0		Wind 5-10 Kts. NE		
				12	2.7				
				AVERAGE	7.1	(15.6 Below Permissible)			
10:51	010406_01_9b	818033.8	Down	5	9.0	Turbidity Increase Limit	Cloudy -25 Deg. F	None	
		2692749.9		10	3.4		Wind 5-10 Kts. NE		
				15	2.9				
				AVERAGE	5.1	(17.6 Below Permissible)			
High 11:08									
Falling Tide	11:52	010406_02_9a	818063.2	Down	2	22.5	Turbidity Increase Limit	Cloudy -25 Deg. F	None
			2692733.1		5	26.0		Wind 5-10 Kts. NE	
					10	3.5			
					AVERAGE	17.3	(5.4 Below Permissible)		
	11:45	010406_02_9b	817882.9	Down	2	6.5	Turbidity Increase Limit	Cloudy -25 Deg. F	None
			2692504.3		6	3.6		Wind 5-10 Kts. NE	
				12	3.1				
				AVERAGE	4.4	(18.3 Below Permissible)			
Low 16:53							Turbidity Increase Limit		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.



LEGEND

010406_00_0 - Water Quality Monitoring Location



New Bedford Harbor Dredge - Phase II - Part 2
Water Quality Monitoring Locations
D.N. Kelley (K6) Excavation Area

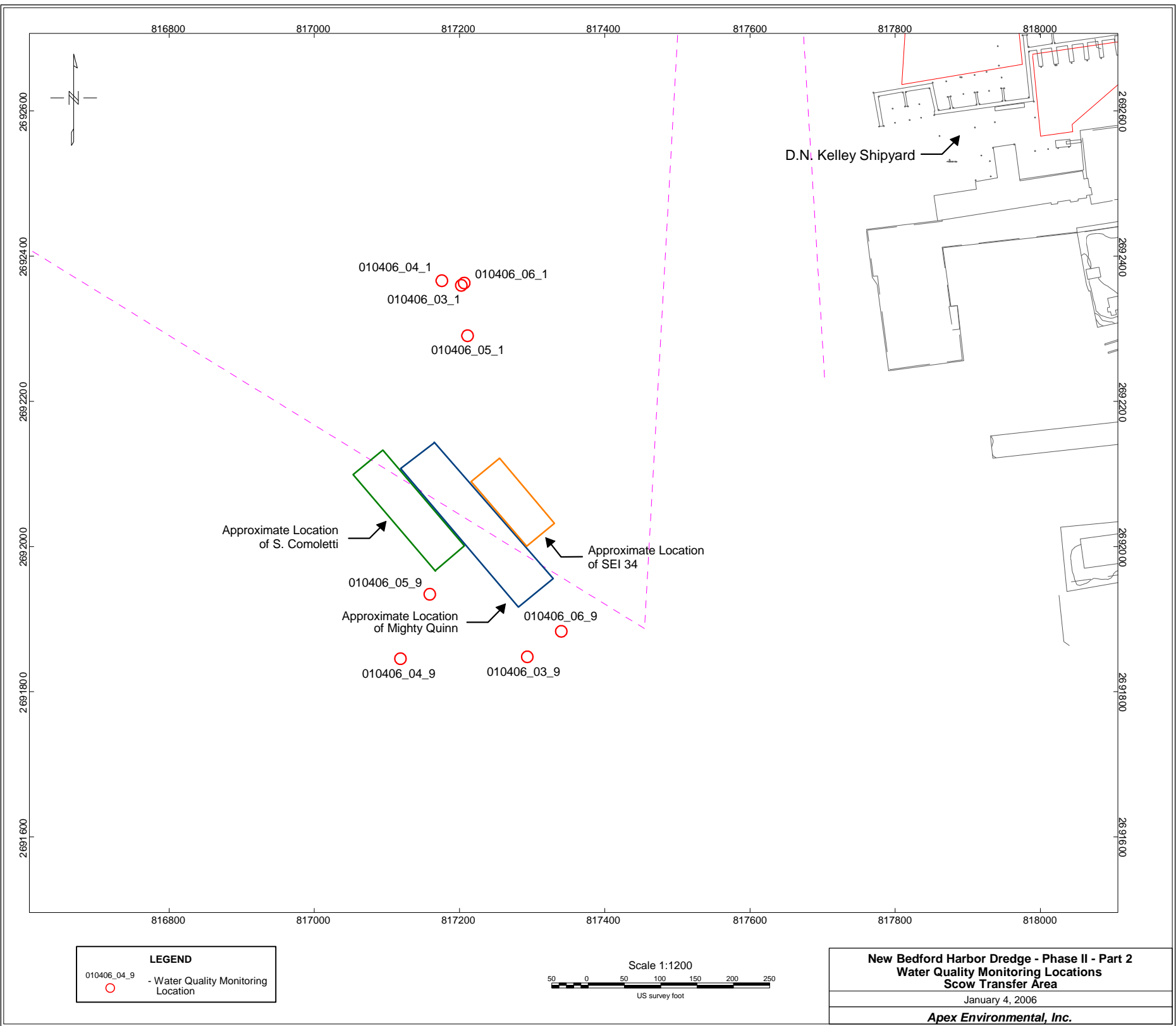
January 4, 2006

Apex Environmental, Inc.

1/4/2006
New Bedford Harbor Dredge Project - Phase II - Part 2
Water Quality Monitoring - Scow Transfer Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
High 11:08				Current					
Falling Tide	12:48	010406_03_1	817202.4	Up	2	2.7		Cloudy -28 Deg. F	None
			2692359.8	(Background)	5	2.8		Wind 5-10 Kts. NE	
					10	3.6			
					AVERAGE	3.0	23.0		
	12:51	010406_03_9	817293.3	Down	5	2.7		Cloudy -28 Deg. F	None
			2691848.1		15	2.9		Wind 5-10 Kts. NE	
					20	2.4			
					AVERAGE	2.7	(20.3 Below Permissible)		
	13:48	010406_04_1	817175.6	Up	2	2.8	Turbidity Increase Limit	Cloudy -28 Deg. F	None
			2692366.2	(Background)	5	2.6		Wind 5-10 Kts. NE	
					10	3.2			
					AVERAGE	2.8	22.8		
	13:51	010406_04_9	817118.6	Down	5	2.6		Cloudy -28 Deg. F	None
			2691845.5		10	2.9		Wind 5-10 Kts. NE	
					15	2.3			
					AVERAGE	2.6	(20.2 Below Permissible)		
	14:46	010406_05_1	817211	Up	2	2.8	Turbidity Increase Limit	Cloudy -28 Deg. F	None
			2692290.4	(Background)	5	3.3		Wind 5-10 Kts. NE	
					10	2.6			
					AVERAGE	2.9	22.9		
14:50	010406_05_9	817159	Down	5	3.0		Cloudy -28 Deg. F	None	
		2691934.3		10	2.6		Wind 5-10 Kts. NE		
				20	2.5				
				AVERAGE	2.7	(20.2 Below Permissible)			
15:45	010406_06_1	817206.4	Up	2	2.6	Turbidity Increase Limit	Cloudy -28 Deg. F	None	
		2692363	(Background)	5	3.0		Wind 5-10 Kts. NE		
				8	2.9				
				AVERAGE	2.8	22.8			
15:50	010406_06_9	817340.1	Down	5	2.4		Cloudy -28 Deg. F	None	
		2691883.2		10	2.0		Wind 5-10 Kts. NE		
				20	2.3				
				AVERAGE	2.2	(27.9 Below Permissible)			
Low 16:53							Turbidity Increase Limit		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.



LEGEND

010406_04_9 - Water Quality Monitoring Location

Scale 1:1200

50 0 50 100 150 200 250

US survey foot

New Bedford Harbor Dredge - Phase II - Part 2

Water Quality Monitoring Locations

Scow Transfer Area

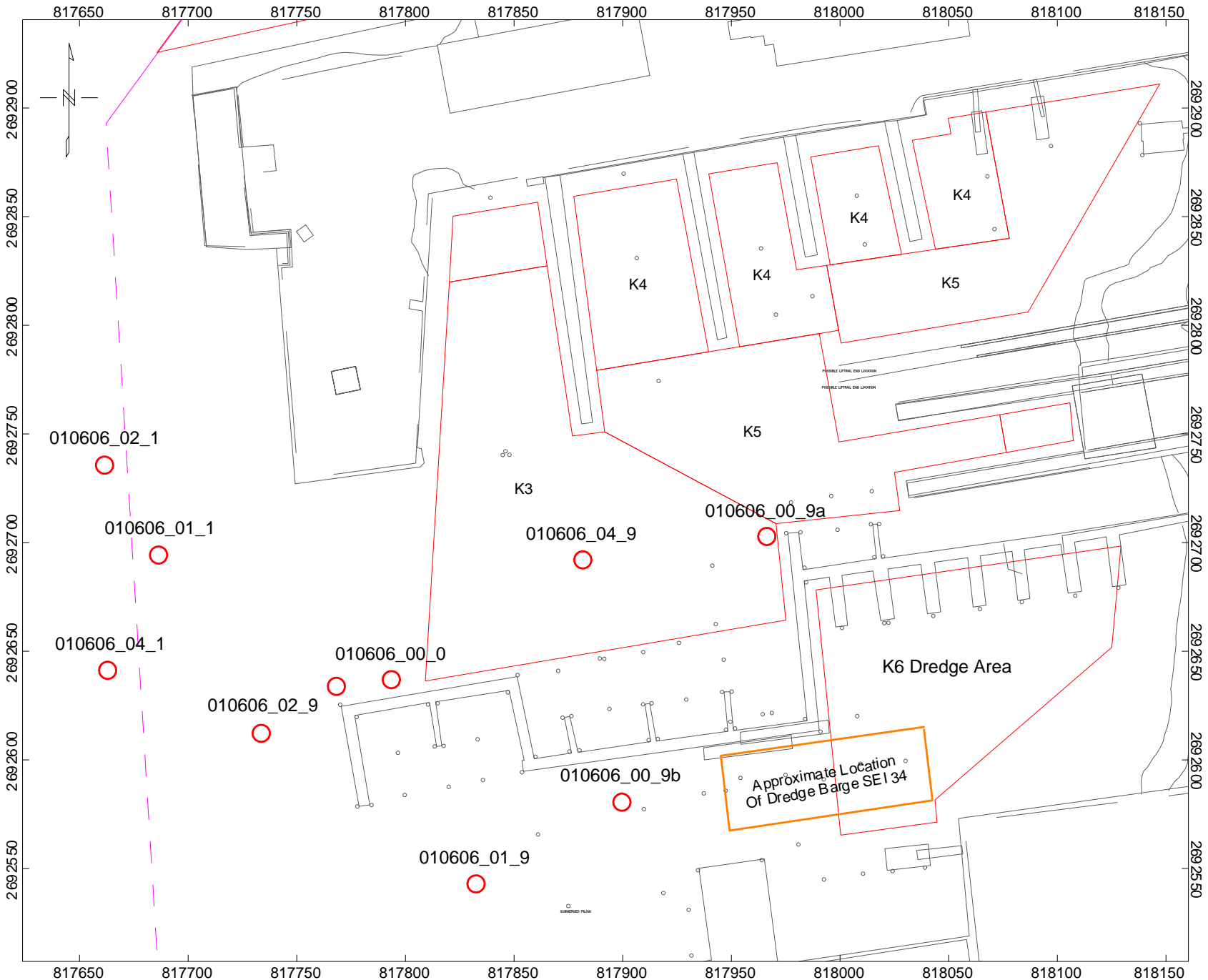
January 4, 2006

Apex Environmental, Inc.

1/6/2006
New Bedford Harbor Dredge Project - Phase II - Part 2
Water Quality Monitoring - D.N. Kelley (K-6) Excavation Area

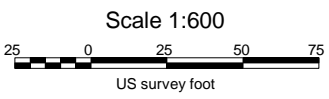
Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 6:30				Current					
Rising Tide	8:45	010606_00_0	817793.5	Up	2	2.0		Cloudy -35 Deg. F	None
			2692636.9	(Background)	6	2.6		Wind 0-5 Kts. NE	
					12	3.8			
					AVERAGE	2.8	22.8		
	9:20	010606_00_9a	817966.3	Down	2	4.5		Cloudy -35 Deg. F	None
			2692702.8		6	4.6		Wind 0-5 Kts. NE	
					12	5.0			
					AVERAGE	4.7	(18.1 Below Permissible)		
	9:27	010606_00_9b	817899.6	Down	2	3.1	Turbidity Increase Limit	Cloudy -35 Deg. F	None
			2692580.5		5	4.0		Wind 0-5 Kts. NE	
					10	4.8			
					AVERAGE	3.9	(18.9 Below Permissible)		
	10:27	010606_01_1	817768.2	Up	2	2.5	Turbidity Increase Limit	Cloudy -35 Deg. F	None
			2692633.8	(Background)	5	2.4		Wind 0-5 Kts. NE	
					15	2.4			
					AVERAGE	2.4	22.4		
	10:30	010606_01_9	817832.5	Down	5	2.5		Cloudy -35 Deg. F	None
			2692642.9		10	4.7		Wind 0-5 Kts. NE	
					15	4.3			
					AVERAGE	3.8	(18.6 Below Permissible)		
	11:23	010606_02_1	817530.6	Up	2	2.9	Turbidity Increase Limit	Cloudy -35 Deg. F	None
			2692676.9	(Background)	5	2.3		Wind 0-5 Kts. NE	
					15	2.7			
					AVERAGE	2.6	22.6		
	11:27	010606_02_9	817833.1	Down	2	3.0		Cloudy -35 Deg. F	None
			2692571.3		5	9.5		Wind 0-5 Kts. NE	
					10	10.5			
					AVERAGE	7.7	(14.9 Below Permissible)		
High 12:59									
Falling Tide	13:35	010606_04_1	817402.1	Up	2	2.2	Turbidity Increase Limit	Cloudy -35 Deg. F	None
			2692604.6	(Background)	6	2.6		Wind 0-5 Kts. NE	
					12	2.7			
					AVERAGE	2.5	22.5		
	13:38	010606_04_9	817881.6	Down	2	18.5		Cloudy -35 Deg. F	None
			2692692		10	4.1		Wind 0-5 Kts. NE	
					15	3.2			
					AVERAGE	8.6	(13.9 Below Permissible)		
Low 18:38							Turbidity Increase Limit		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.



LEGEND

010606_01_9 - Water Quality Monitoring Location



New Bedford Harbor Dredge - Phase II - Part 2
Water Quality Monitoring Locations
D.N. Kelley (K6) Excavation Area

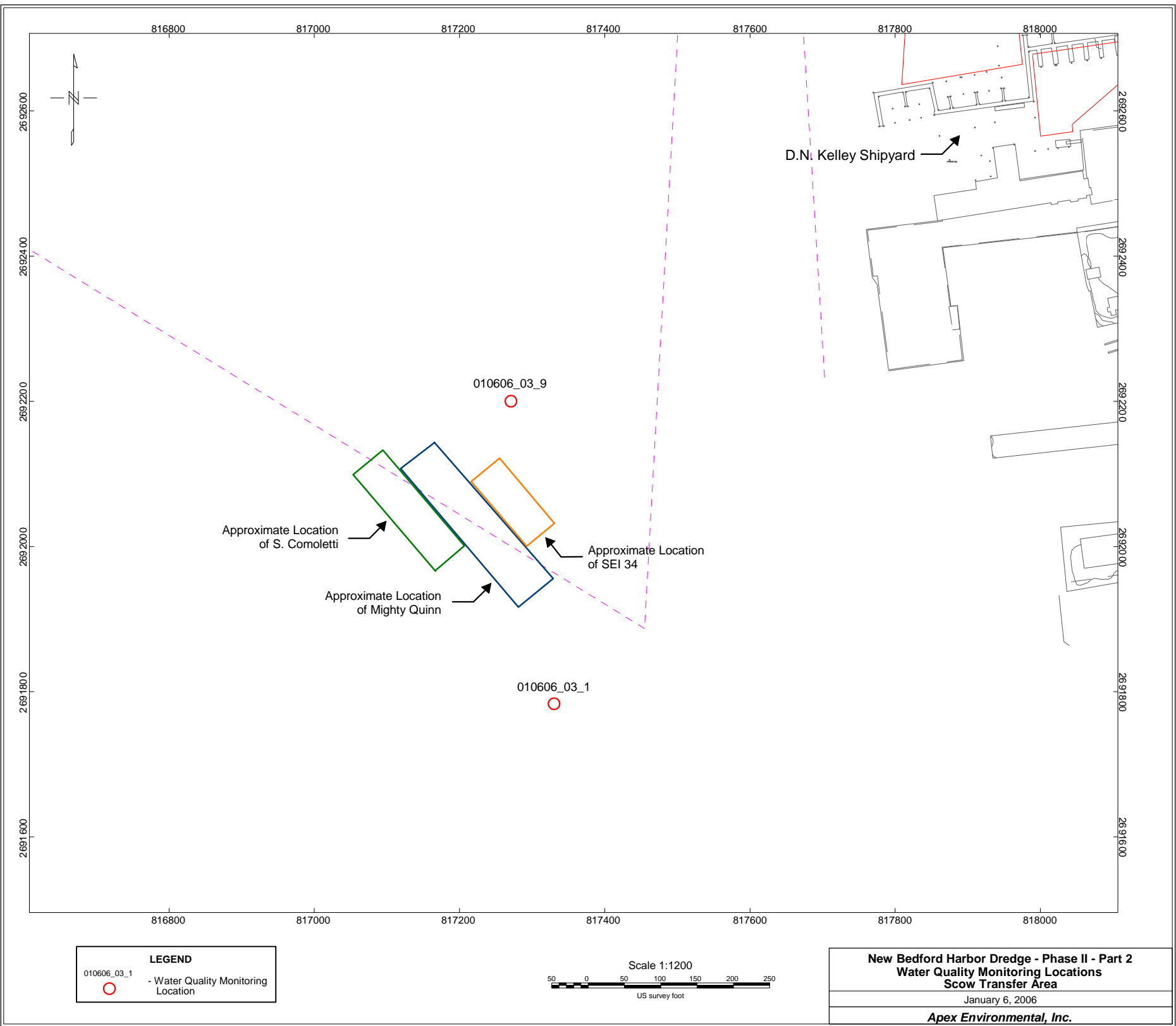
January 6, 2006

Apex Environmental, Inc.

1/6/2006
New Bedford Harbor Dredge Project - Phase II - Part 2
Water Quality Monitoring - Scow Transfer Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 6:30				Current					
Rising Tide	12:35	010606_03_1	817330.1	Up	5	2.4		Cloudy -35 Deg. F	None
			2691783.4	(Background)	10	2.4		Wind 0-5 Kts. NE	
					20	3.1			
					AVERAGE	2.6	22.6		
	12:39	010606_03_9	817270.7	Down	2	3.4		Cloudy -35 Deg. F	None
			2692200.2		5	2.5		Wind 0-5 Kts. NE	
					10	2.9			
High 12:59				AVERAGE	2.9	(19.7 Below Permissible Turbidity Increase Limit)			

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.



LEGEND

010606_03_1 - Water Quality Monitoring Location

Scale 1:1200

50 0 50 100 150 200 250

US survey foot

New Bedford Harbor Dredge - Phase II - Part 2

Water Quality Monitoring Locations

Scow Transfer Area

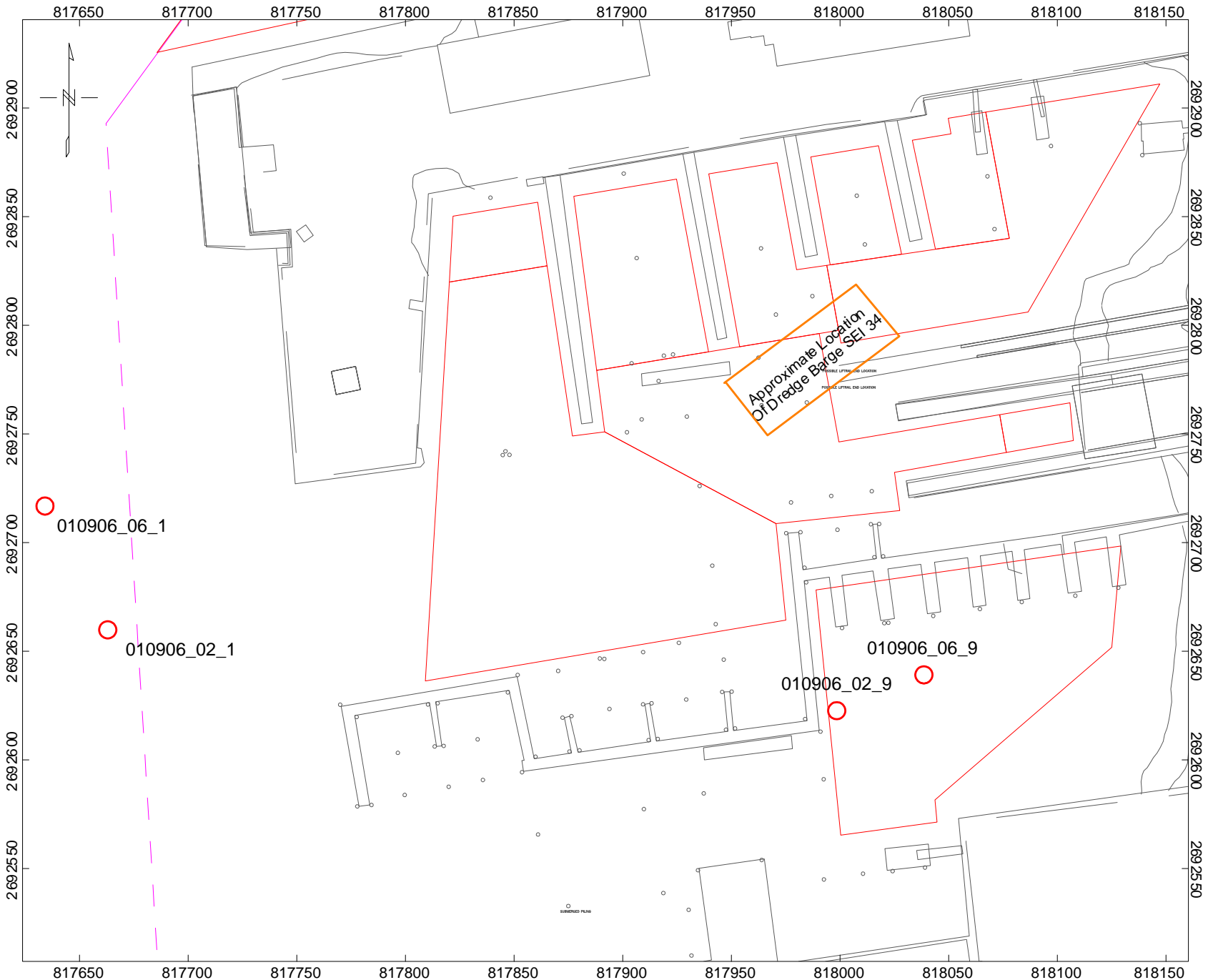
January 6, 2006

Apex Environmental, Inc.


1/9/2006
New Bedford Harbor Dredge Project - Phase II - Part 2
Water Quality Monitoring - D.N. Kelley (K4) Excavation Area

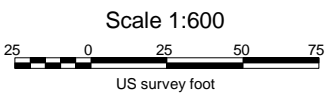
Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 10:32				Current					
Rising Tide	14:42	010906_02_1	817509.7	Up	5	0.5		Clear -50 Deg. F	None
			2692506.5	(Background)	10	0.6		Wind 10-15 Kts. SW	
					15	0.6			
					AVERAGE	0.5	20.5		
	14:50	010906_02_9	817998.5	Down	2	2.8		Clear -50 Deg. F	None
		2692622.6		4	0.3		Wind 10-15 Kts. SW		
				6	0.4				
High 16:00					AVERAGE	1.2	(19.3 Below Permissible)		
Falling Tide	16:43	010906_06_1	817634.1	Up	5	3.4	Turbidity Increase Limit)	Clear -40 Deg. F	None
			2692716.8	(Background)	10	4.6		Wind 10-15 Kts. SW	
					15	3.6			
					AVERAGE	3.8	23.8		
	16:46	010906_06_9	818038.6	Down	2	11.1		Clear -40 Deg. F	None
		2692639.1		6	8.4		Wind 10-15 Kts. SW		
				12	9.2				
Low 21:31					AVERAGE	9.6	(14.4 Below Permissible Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.



LEGEND

010906_06_1
 - Water Quality Monitoring Location



**New Bedford Harbor Dredge - Phase II - Part 2
 Water Quality Monitoring Locations
 D.N. Kelley (K5) Excavation Area**

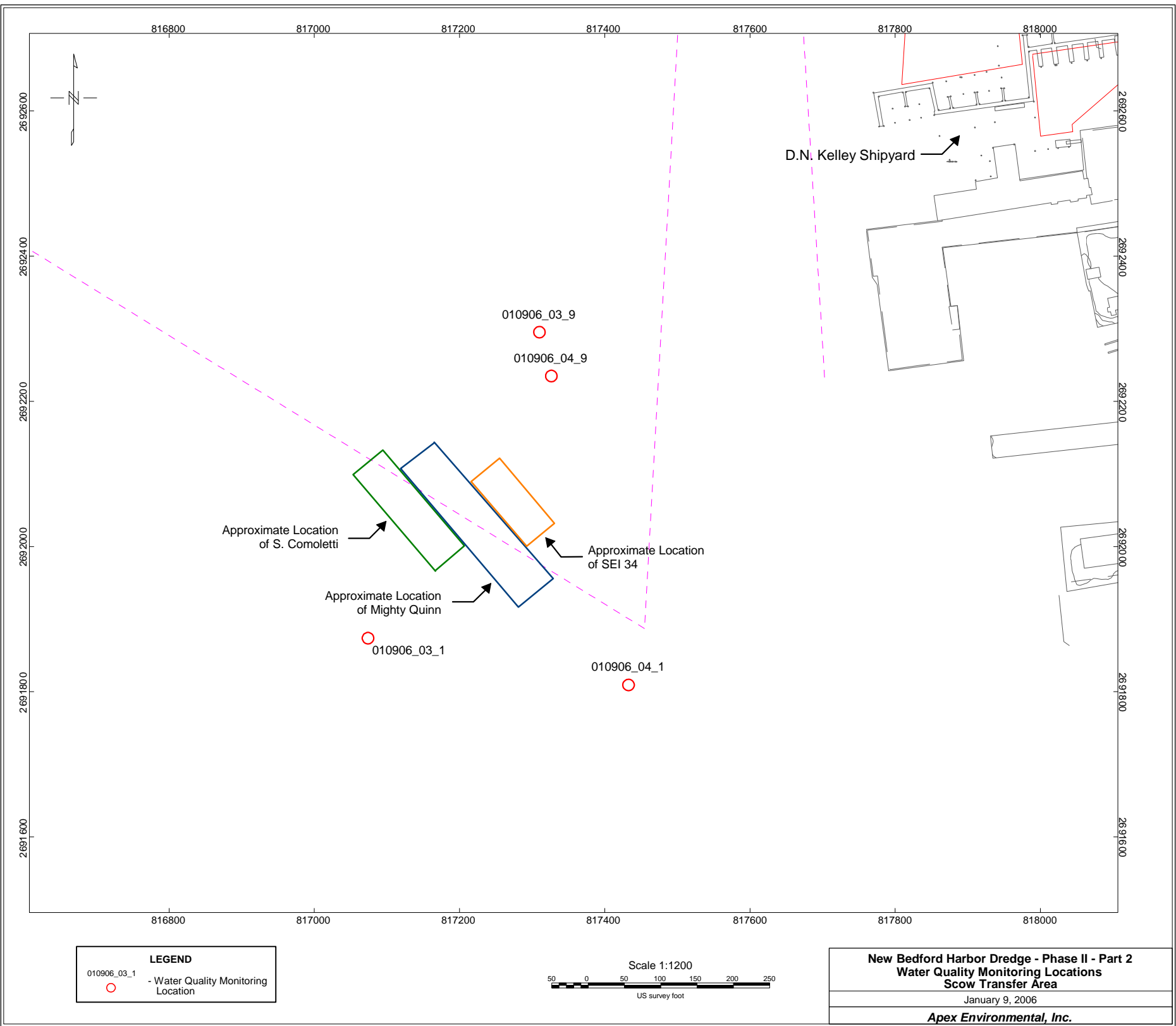
January 9, 2006

Apex Environmental, Inc.

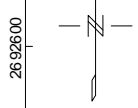
1/9/2006
New Bedford Harbor Dredge Project - Phase II - Part 2
Water Quality Monitoring - Scow Transfer Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Low 10:32				Current					
Rising Tide	15:04	010906_03_1	817073.9	Up	2	2.4		Sunny ~45 Deg. F	None
			2691873.8	(Background)	10	2.9		Wind 10-15 Kts. SW	
					20	3.1			
					AVERAGE	2.8	22.8		
	15:08	010906_03_9	817310	Down	2	3.4		Sunny ~45 Deg. F	None
			2692295.3		5	4.6		Wind 10-15 Kts. SW	
					10	4.4			
					AVERAGE	4.1	(18.7 Below Permissible)		
	15:50	010906_04_1	817432.7	Up	5	2.6	Turbidity Increase Limit)	Sunny ~45 Deg. F	None
			2691809.3	(Background)	10	3.1		Wind 10-15 Kts. SW	
					15	3.5			
					AVERAGE	3.0	23.0		
15:56	010906_04_9	817326.4	Down	5	4.2		Sunny ~45 Deg. F	None	
		2692234.9		10	4.5		Wind 10-15 Kts. SW		
				15	3.1				
				AVERAGE	3.9	(19.1 Below Permissible)			
High 16:00							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.



816800 817000 817200 817400 817600 817800 818000



2692600
2692400
2692200
2692000
2691800
2691600

2692600
2692400
2692200
2692000
2691800
2691600

D.N. Kelley Shipyard

010906_03_9
010906_04_9

Approximate Location
of S. Comoletti

Approximate Location
of Mighty Quinn

Approximate Location
of SEI 34

010906_03_1

010906_04_1

LEGEND

010906_03_1 - Water Quality Monitoring Location

Scale 1:1200

US survey foot

New Bedford Harbor Dredge - Phase II - Part 2
Water Quality Monitoring Locations
Scow Transfer Area

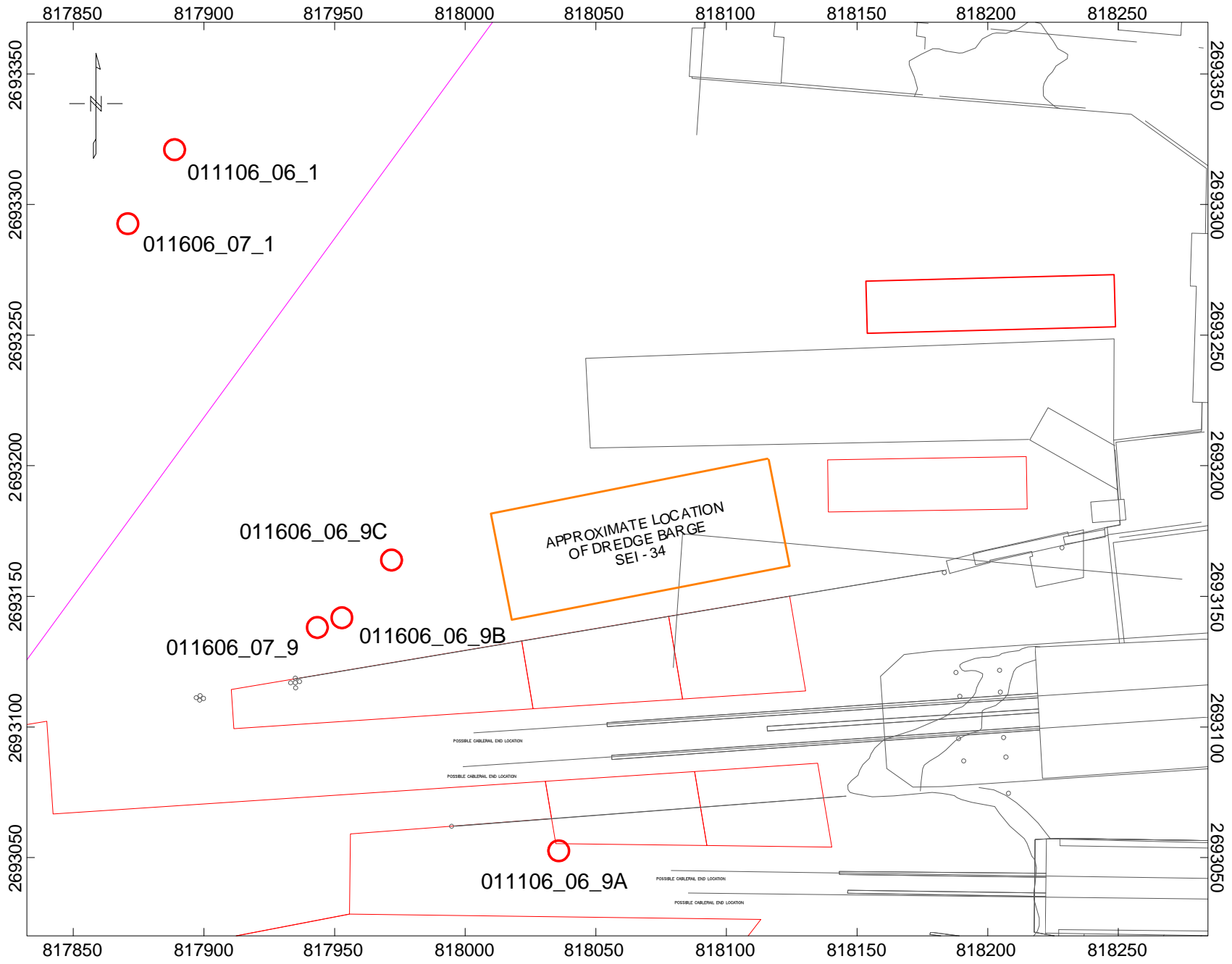
January 9, 2006

Apex Environmental, Inc.

1/11/2006
New Bedford Harbor Dredge Project - Phase II - Part 2
Water Quality Monitoring - Warren Alexander Property (A1 + A2)

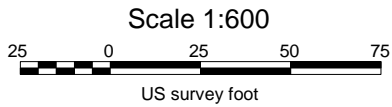
Tide Time	Time	ID	Coordinates	Up/Down Current	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
Rising Tide	14:22	011106_06_1	817835	Up	2	5.0		Cloudy ~50 Deg. F	None
			2693326.3	(Background)	6	7.2		Wind 10-15 Kts. SW	
					12	6.4			
					AVERAGE	6.2	26.2		
	14:27	011106_06_9A	818035.8	Down	5	8.1		Cloudy ~50 Deg. F	None
			2693052.6		10	13.3		Wind 10-15 Kts. SW	
					15	9.0			
					AVERAGE	10.1	(16.1 Below Permissible)		
	14:33	011106_06_9B	817952.8	Down	2	5.0	Turbidity Increase Limit)	Cloudy ~50 Deg. F	None
			2693141.8		6	8.2		Wind 10-15 Kts. SW	
					12	11.0			
					AVERAGE	8.1	(18.1 Below Permissible)		
	14:45	011106_06_9C	817971.8	Down	2	19.1	Turbidity Increase Limit)	Cloudy ~50 Deg. F	None
			2693163.9		5	20.0		Wind 10-15 Kts. SW	
					10	18.3			
					AVERAGE	19.1	(7.1 Below Permissible)		
	15:20	011106_07_1	817753.3	Up	1.5	7.4	Turbidity Increase Limit)	Cloudy ~50 Deg. F	None
			2693084.1	(Background)	6.5	6.5		Wind 10-15 Kts. SW	
					10	6.3			
					AVERAGE	6.7	26.7		
	15:26	011106_07_9	817943.4	Down	2	6.2		Cloudy ~50 Deg. F	None
			2693138.1		6	8.2		Wind 10-15 Kts. SW	
					12	9.5			
					AVERAGE	8.0	(18.7 Below Permissible)		
High 17:52							Turbidity Increase Limit)		

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.



LEGEND

011606_07_1 - Water Quality Monitoring Location



New Bedford Harbor Dredge - Phase II - Part 2
Water Quality Monitoring Locations
Warren Alexander Property

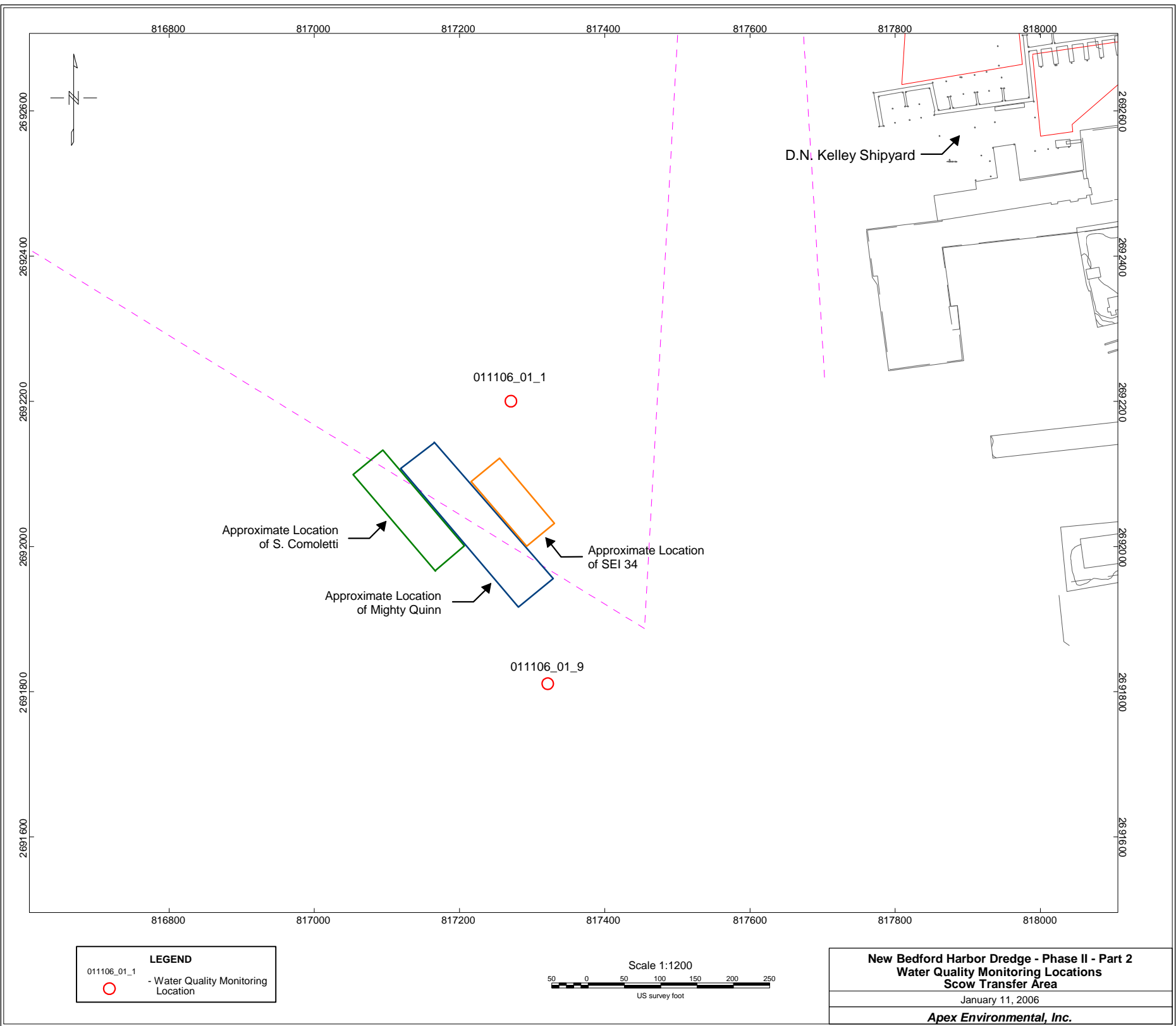
January 11, 2006

Apex Environmental, Inc.

1/11/2006
New Bedford Harbor Dredge Project - Phase II - Part 2
Water Quality Monitoring - Scow Transfer Area

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
High 5:31				Current					
Falling Tide	9:35	011106_01_1	817792.1	Up	5	13.5		Cloudy -45 Deg. F	None
			2692659.2	(Background)	10	20.0		Wind 10-15 Kts. SW	
					15	2.1			
					AVERAGE	11.9	31.9		
	9:41	011106_01_9	817321.4	Down	5	9.0		Cloudy -45 Deg. F	None
			2691811.1		10	15.5		Wind 10-15 Kts. SW	
					15	6.0			
				AVERAGE	10.2	(21.7 Below Permissible Turbidity Increase Limit)			
Low 12:08									

Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.



LEGEND

011106_01_1 - Water Quality Monitoring Location

Scale 1:1200

50 0 50 100 150 200 250

US survey foot

New Bedford Harbor Dredge - Phase II - Part 2

Water Quality Monitoring Locations

Scow Transfer Area

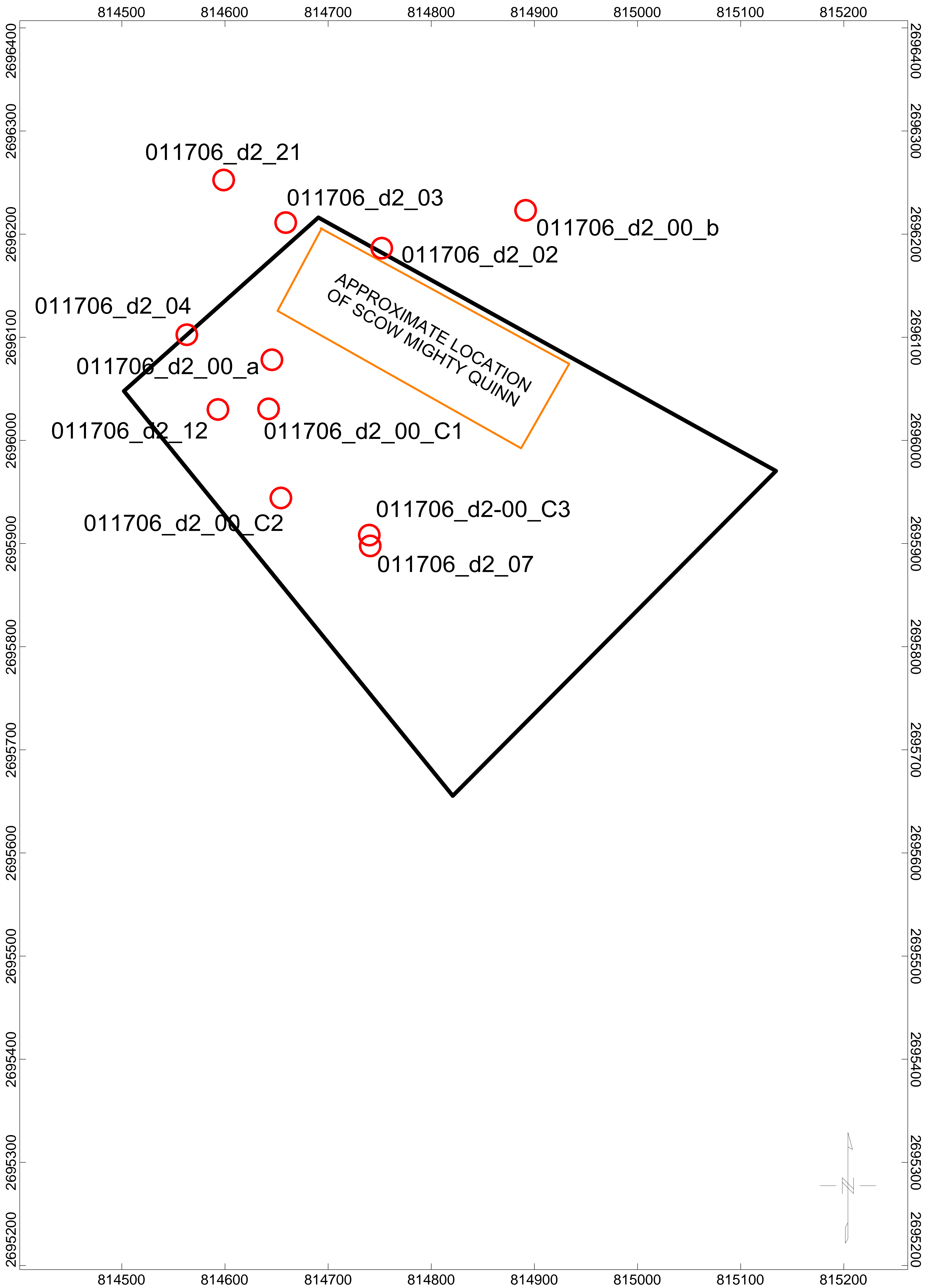
January 11, 2006

Apex Environmental, Inc.


1/17/2006
New Bedford Harbor Dredge Project - Phase II - Part 2
Water Quality Monitoring - CAD Cell Disposal Area - Disposal # 2
Scow - Mighty Quinn

Tide Time	Time	ID	Coordinates	Up/Down	Depth (ft.)	Ave. Turbidity (NTUs)	Permissible Turbidity Increase (NTUs)	Weather Conditions	Vessel Traffic
High 9:38				Current					
Falling Tide	9:48	011706_d2_00_a	814645.5 2696078.2	Up (Background)	5 10 20	1.1 1.4 1.2		Sunny-30 deg. F Wind 5-15 kts E	None
					AVERAGE	1.2	41.2		
	11:55	011706_d2_00_C1 Cleaning Scow	814642.24 2696030.6	Down	5 10 20	3.2 2.8 1.5	(Background)	Sunny-30 deg. F Wind 5-15 kts E	None
					AVERAGE	2.5	(38.7 Below Permissible)		
	12:11	011706_d2_00_C2 Cleaning Scow	814654.2 2695944.2	Down	5 10 20	4.1 3.2 2.4	Turbidity Increase Limit	Sunny-30 deg. F Wind 5-15 kts E	None
					AVERAGE	3.2	(38.0 Below Permissible)		
	12:19	011706_d2-00_C3 Cleaning Scow	814739.9 2695908.2	Down	5 10 20	5.6 7.5 2.3	Turbidity Increase Limit	Sunny-30 deg. F Wind 5-15 kts E	None
					AVERAGE	5.1	(36.1 Below Permissible)		
	12:32	011706_d2_00_b	814891.5 2696223.1	Up (Background)	5 10 20	6.3 6.6 3.8	Turbidity Increase Limit	Sunny-30 deg. F Wind 5-15 kts E	None
					AVERAGE	5.6	45.6		
	14:43 DISPOSAL STARTED						(Background)		
	14:45	011706_d2_02	814752 2696186.4	Down	5 10 15	1.4 1.3 2.4		Sunny-30 deg. F Wind 5-15 kts E	None
					AVERAGE	1.7	(43.9 Below Permissible)		
	14:46	011706_d2_03	814658.9 2696211.2	Down	5 15 20	1.3 2.0 1.4	Turbidity Increase Limit	Sunny-30 deg. F Wind 5-15 kts E	None
					AVERAGE	1.6	(44.0 Below Permissible)		
	14:47	011706_d2_04	814563 2696102.5	Down	5 10 20	5.0 3.8 3.4	Turbidity Increase Limit	Sunny-30 deg. F Wind 5-15 kts E	None
					AVERAGE	4.1	(41.5 Below Permissible)		
	14:50	011706_d2_07	814740.8 2695897.7	Down	5 15 25	4.3 5.1 5.0	Turbidity Increase Limit	Sunny-30 deg. F Wind 5-15 kts E	None
					AVERAGE	4.8	(40.8 Below Permissible)		
	14:55	011706_d2_12	814593.2 2696030	Down	5 10 20	3.3 13.5 4.3	Turbidity Increase Limit	Sunny-30 deg. F Wind 5-15 kts E	None
					AVERAGE	7.0	(38.6 Below Permissible)		
	15:04	011706_d2_21	814598.7 2696252.5	Down	5 10 20 30	4.2 7.5 24.0 25.0	Turbidity Increase Limit	Sunny-30 deg. F Wind 5-15 kts E	None
					AVERAGE	15.2	(30.4 Below Permissible)		
Low 15:20							Turbidity Increase Limit		


Notes: An X in the vessel traffic column indicates that either a vessel had passed or there was a movement of spuds that may have had an effect on turbidity.



LEGEND

011706_d2_21
 - Water Quality Monitoring Location

Scale 1:1200



US survey foot

NAD83(CSRS98) / Massachusetts CS83 Mainland zone

**New Bedford Harbor Dredge - Phase II - Part 2
 Water Quality Monitoring Locations
 CAD Cell - Disposal Operations**

January 17, 2006

Apex Environmental, Inc.

