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Index	Sample_Team	Date	Station	Matrix	Depth_Interval	SampleID	Container Size	Time Collected	Time Deployed	Analysis	Dissolved Oxygen (mg/L)	LISST	Notes	Planned Depth (m below surface)	Actual Depth (m below surface)	Water_Depth approx. (m)	Latitude (DDM)	Longitude (DDM)	Lat (DD)	Long (DD)
1	Entrix	05/08/10	**B01**	Water	B	**B01B-A0508-W01**	1L	17:50	17:17	TPH	6.6	2x 4oz		1	1.3	1143	28 33.0310	88 50.5202	28.55052	-88.84200
2	Entrix	05/08/10	**B01**	Water	B	**B01B-A0508-W02**	1L	17:50	17:17	TPH		2x 4oz		1	1.3	1143	28 33.0310	88 50.5202	28.55052	-88.84200
1	Entrix	05/08/10	**B01**	Water	D	**B01D-A0508-W01**	1L	17:33	17:17	TPH	4.2	2x 4oz		550	553.8	1143	28 33.0310	88 50.5202	28.55052	-88.84200
2	Entrix	05/08/10	**B01**	Water	D	**B01D-A0508-W02**	1L	17:33	17:17	TPH		2x 4oz		550	553.8	1143	28 33.0310	88 50.5202	28.55052	-88.84200
1	Entrix	05/09/10	**B02**	Oil	A	**B02A-SP01**	8 oz	7:40	7:30				orange tarballs collected with net	0		1646	28 45.0499	88 22.2492	28.75083	-88.37082
2	Entrix	05/09/10	**B02**	Oil	A	**B02A-SP02**	8 oz	7:42	7:30				orange tarballs collected with net	0		1646	28 45.0499	88 22.2492	28.75083	-88.37082
1	Entrix	05/09/10	**B02**	Water	B	**BO2B-WA01**	1L	8:13	7:30	TPH	4.1	2x 4oz	Niskin triggered near water surface due to boat roll	1	1.1	1646	28 45.0499	88 22.2492	28.75083	-88.37082
2	Entrix	05/09/10	**B02**	Water	B	**BO2B-WA02**	1L	8:13	7:30	TPH		2x 4oz	Niskin triggered near water surface due to boat roll	1	1.1	1646	28 45.0499	88 22.2492	28.75083	-88.37082
1	Entrix	05/09/10	**B02**	Water	C	**B02C-WA01**	1L	8:04	7:30	TPH	4.6	2x 4oz		275	272.4	1646	28 45.0499	88 22.2492	28.75083	-88.37082
2	Entrix	05/09/10	**B02**	Water	C	**BO2C-WA02**	1L	8:04	7:30	TPH		2x 4oz		275	272.4	1646	28 45.0499	88 22.2492	28.75083	-88.37082
1	Entrix	05/09/10	**B02**	Water	D	**BO2D-WA01**	1L	7:54	7:30	TPH	3.4	2x 4oz		550	555.1	1646	28 45.0499	88 22.2492	28.75083	-88.37082
2	Entrix	05/09/10	**B02**	Water	D	**BO2D-WA02**	1L	7:54	7:30	TPH		2x 4oz		550	555.1	1646	28 45.0499	88 22.2492	28.75083	-88.37082
1	Entrix	05/09/10	**B03**	Water	B	**B03B-WA01**	1L	10:00	9:27	TPH	3.4	2x 4oz		1	0.3	1646	28 44.3513	88 21.7209	28.73919	-88.36202
2	Entrix	05/09/10	**B03**	Water	B	**B03B-WA02**	1L	10:00	9:27	TPH		2x 4oz		1	0.3	1646	28 44.3513	88 21.7209	28.73919	-88.36202
1	Entrix	05/09/10	**B03**	Water	C	**B03C-WA01**	1L	9:52	9:27	TPH	2.3	2x 4oz		275	272.7	1646	28 44.3513	88 21.7209	28.73919	-88.36202
2	Entrix	05/09/10	**B03**	Water	C	**B03C-WA02**	1L	9:52	9:27	TPH		2x 4oz		275	272.7	1646	28 44.3513	88 21.7209	28.73919	-88.36202
1	Entrix	05/09/10	**B03**	Water	D	**B03D-WA01**	1L	9:42	9:27	TPH	2.6	2x 4oz		550	555.9	1646	28 44.3513	88 21.7209	28.73919	-88.36202
2	Entrix	05/09/10	**B03**	Water	D	**B03D-WA02**	1L	9:42	9:27	TPH		2x 4oz		550	555.9	1646	28 44.3513	88 21.7209	28.73919	-88.36202
1	Entrix	05/09/10	**B04**	Water	A	**BO4A-WA01**	1L	10:37	10:32	TPH		2x 4oz	water collected from bucket of surface water	0	0.0	1646	28 44.0597	88 21.5132	28.73433	-88.35855
2	Entrix	05/09/10	**B04**	Oil	A	**BO4A-SP01**	8 oz	10:37	10:32				oil sample collected from bucket at surface	0	0.0	1646	28 44.0597	88 21.5132	28.73433	-88.35855
1	Entrix	05/09/10	**B04**	Oil	A	**B04A-SP02**	8 oz	10:37	10:32				oil sample collected from bucket at surface	0	0.0	1646	28 44.0597	88 21.5132	28.73433	-88.35855
2	Entrix	05/09/10	**B04**	Water	B	**B04B-WA01**	1L	11:12	10:32	TPH	5.1	2x 4oz	visible sheen on surface of water in Niskin bottle	1	1.7	1646	28 44.0597	88 21.5132	28.73433	-88.35855

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1	Entrix	05/09/10	**B04**	Water	B	**B04B-WA02**	1L	11:12	10:32	TPH		2x 4oz	visible sheen on surface of water in Niskin bottle	1	1.7	1646	28 44.0597	88 21.5132	28.73433	-88.35855
2	Entrix	05/09/10	**B04**	Water	B	**B04B-WA03**	1L	11:12	10:32	TPH		2x 4oz	visible sheen on surface of water in Niskin bottle	1	1.7	1646	28 44.0597	88 21.5132	28.73433	-88.35855
1	Entrix	05/09/10	**B04**	Water	C	**B04C-WA01**	1L	11:04	10:32	TPH	3.1	2x 4oz		275	272.6	1646	28 44.0597	88 21.5132	28.73433	-88.35855
2	Entrix	05/09/10	**B04**	Water	C	**B04C-WA02**	1L	11:04	10:32	TPH		2x 4oz		275	272.6	1646	28 44.0597	88 21.5132	28.73433	-88.35855
1	Entrix	05/09/10	**B04**	Water	D	**B04D-WA01**	1L	10:55	10:32	TPH	2.4	2x 4oz		550	555.4	1646	28 44.0597	88 21.5132	28.73433	-88.35855
2	Entrix	05/09/10	**B04**	Water	D	**B04D-WA02**	1L	10:55	10:32	TPH		2x 4oz		550	555.4	1646	28 44.0597	88 21.5132	28.73433	-88.35855
1	Entrix	05/09/10	**B05**	Oil	A	**B05A-SP01**	8 oz		13:25				oil sample collected on sorbent pad from bucket of surface water	0	0.0	1646	28 43.6601	88 21.1938	28.72767	-88.35323
2	Entrix	05/09/10	**B05**	Oil	A	**B05A-SP02**	8 oz		13:25				oil sample collected on sorbent pad from bucket of surface water	0	0.0	1646	28 43.6601	88 21.1938	28.72767	-88.35323
1	Entrix	05/09/10	**B05**	Water	B	**B05B-WA01**	1L	13:34	13:11	TPH	4.6	2x 4oz	visible sheen on surface of water in Niskin bottle	1	1.9	1646	28 43.6601	88 21.1938	28.72767	-88.35323
2	Entrix	05/09/10	**B05**	Water	B	**B05B-WA02**	1L	13:34	13:11	TPH		2x 4oz	visible sheen on surface of water in Niskin bottle	1	1.9	1646	28 43.6601	88 21.1938	28.72767	-88.35323
1	Entrix	05/09/10	**B05**	Water	B	**B05B-WA03**	1L	13:34	13:11	TPH		2x 4oz	visible sheen on surface of water in Niskin bottle	1	1.9	1646	28 43.6601	88 21.1938	28.72767	-88.35323
2	Entrix	05/09/10	**B05**	Water	C	**B05C-WA01**	1L	13:26	13:11	TPH	3.4	2x 4oz		275	273.3	1646	28 43.6601	88 21.1938	28.72767	-88.35323
1	Entrix	05/09/10	**B05**	Water	C	**B05C-WA02**	1L	13:26	13:11	TPH		2x 4oz		275	273.3	1646	28 43.6601	88 21.1938	28.72767	-88.35323
2	Entrix	05/09/10	**B05**	Water	D	**B05D-WA01**	1L	13:16	13:11	TPH	1.8	2x 4oz		550	555.4	1646	28 43.6601	88 21.1938	28.72767	-88.35323
1	Entrix	05/09/10	**B05**	Water	D	**B05D-WA02**	1L	13:16	13:11	TPH		2x 4oz		550	555.4	1646	28 43.6601	88 21.1938	28.72767	-88.35323
2	Entrix	05/09/10	**B06**	Water	B	**B06B-WA01**	1L	14:45	14:11	TPH	2.8	2x 4oz	visible sheen on surface of water in Niskin bottle	1	1.2	1646	28 45.7208	88 21.4001	28.76201	-88.35667
1	Entrix	05/09/10	**B06**	Water	B	**B06B-WA02**	1L	14:45	14:11	TPH		2x 4oz	visible sheen on surface of water in Niskin bottle	1	1.2	1646	28 45.7208	88 21.4001	28.76201	-88.35667
2	Entrix	05/09/10	**B06**	Water	B	**BO6B-WA03**	1L	14:45	14:11	TPH		2x 4oz	visible sheen on surface of water in Niskin bottle	1	1.2	1646	28 45.7208	88 21.4001	28.76201	-88.35667
1	Entrix	05/09/10	**B06**	Water	C	**BO6C-WA01**	1L	14:37	14:11	TPH	3.6	2x 4oz		275	273.0	1646	28 45.7208	88 21.4001	28.76201	-88.35667
2	Entrix	05/09/10	**B06**	Water	C	**B06C-WA02**	1L	14:37	14:11	TPH		2x 4oz		275	273.0	1646	28 45.7208	88 21.4001	28.76201	-88.35667
1	Entrix	05/09/10	**B06**	Water	D	**BO6D-WA01**	1L	14:27	14:11	TPH	4.0	2x 4oz		550	555.0	1646	28 45.7208	88 21.4001	28.76201	-88.35667
2	Entrix	05/09/10	**B06**	Water	D	**B06D-WA02**	1L	14:27	14:11	TPH		2x 4oz		550	555.0	1646	28 45.7208	88 21.4001	28.76201	-88.35667
1	Entrix	05/09/10	**B07**	Water	B	**B07B-WA01**	1L	16:56	16:24	TPH	4.1	2x 4oz	visible sheen on surface of water in Niskin bottle	1	1.4	1646	28 45.7129	88 23.0111	28.76188	-88.38352
2	Entrix	05/09/10	**B07**	Water	B	**B07B-WA02**	1L	16:56	16:24	TPH		2x 4oz	visible sheen on surface of water in Niskin bottle	1	1.4	1646	28 45.7129	88 23.0111	28.76188	-88.38352
1	Entrix	05/09/10	**B07**	Water	B	**B07B-WA03**	1L	16:56	16:24	TPH			visible sheen on surface of water in Niskin bottle	1	1.4	1646	28 45.7129	88 23.0111	28.76188	-88.38352
2	Entrix	05/09/10	**B07**	Water	C	**B07C-WA01**	1L	16:50	16:24	TPH	2.8	2x 4oz		275	272.0	1646	28 45.7129	88 23.0111	28.76188	-88.38352

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1	Entrix	05/09/10	**B07**	Water	D	**B07D-WA01**	1L	16:40	16:24	TPH	3.0	2x 4oz		550	556.8	1646	28 45.7129	88 23.0111	28.76188	-88.38352
2	Entrix	05/09/10	**B08**	Oil	A	**B08A-SP01**	8 oz	17:45	17:45				oil sample collected on sorbent pad from bucket of surface water	0	0.0	1646	28 45.7129	88 23.0111	28.76188	-88.38352
1	Entrix	05/09/10	**B08**	Water	B	**B08B-WA01**	1L	18:02	17:26	TPH	5.4	2x 4oz	light visible sheen on surface of Niskin bottle	1	1.4	1646	28 45.7129	88 23.0111	28.76188	-88.38352
2	Entrix	05/09/10	**B08**	Water	B	**B08B-WA02**	1L	18:02	17:26	TPH			light visible sheen on surface of Niskin bottle	1	1.4	1646	28 45.7129	88 23.0111	28.76188	-88.38352
1	Entrix	05/09/10	**B08**	Water	C	**B08C-WA01**	1L	17:54	17:26	TPH	3.7	2x 4oz		275	272.0	1646	28 45.7129	88 23.0111	28.76188	-88.38352
2	Entrix	05/09/10	**B08**	Water	C	**B08C-WA02**	1L	17:54	17:26	TPH				275	272.0	1646	28 45.7129	88 23.0111	28.76188	-88.38352
1	Entrix	05/09/10	**B08**	Water	D	**B08D-WA01**	1L	17:45	17:26	TPH	3.0	2x 4oz		550	555.8	1646	28 45.7129	88 23.0111	28.76188	-88.38352
2	Entrix	05/09/10	**B08**	Water	D	**B08D-WA02**	1L	17:45	17:26	TPH				550	555.8	1646	28 45.7129	88 23.0111	28.76188	-88.38352
1	Entrix	05/09/10	**B09**	Water	B	**B09B-WA01**	1L	19:14	18:39	TPH	4.2	2x 4oz	visible sheen on surface of water in Niskin bottle	1	1.7	1646	28 44.2969	88 23.0048	28.73828	-88.38341
2	Entrix	05/09/10	**B09**	Water	B	**B09B-WA02**	1L	19:14	18:39	TPH			visible sheen on surface of water in Niskin bottle	1	1.7	1646	28 44.2969	88 23.0048	28.73828	-88.38341
1	Entrix	05/09/10	**B09**	Water	B	**B09B-WA03**	1L	19:14	18:39	TPH			visible sheen on surface of water in Niskin bottle	1	1.7	1646	28 44.2969	88 23.0048	28.73828	-88.38341
2	Entrix	05/09/10	**B09**	Water	C	**B09C-WA01**	1L	19:05	18:39	TPH	2.6	2x 4oz		275	272.0	1646	28 44.2969	88 23.0048	28.73828	-88.38341
1	Entrix	05/09/10	**B09**	Water	C	**B09C-WA02**	1L	19:05	18:39	TPH				275	272.0	1646	28 44.2969	88 23.0048	28.73828	-88.38341
2	Entrix	05/09/10	**B09**	Water	D	**B09D-WA01**	1L	18:57	18:39	TPH	3.6	2x 4oz		550	554.0	1646	28 44.2969	88 23.0048	28.73828	-88.38341
1	Entrix	05/09/10	**B09**	Water	D	**B09D-WA02**	1L	18:57	18:39	TPH				550	554.0	1646	28 44.2969	88 23.0048	28.73828	-88.38341
2	Entrix	05/10/10	**B10**	Oil	A	**B10A-SP01**	8 oz	10:45	10:40				sorbent pad	0	0.0	1646	28 44.3565	88 21.7226	28.73928	-88.36204
1	Entrix	05/10/10	**B10**	Oil	A	**B10A-SP02**	8 oz	10:45	10:40				sorbent pad	0	0.0	1646	28 44.3565	88 21.7226	28.73928	-88.36204
2	Entrix	05/10/10	**B10**	Water	A	**B10A-WA01**	cup	10:47	10:25			cup	1mm-2mm tarballs on surface. Light sheen on water surface	0	0.0	1646	28 44.3565	88 21.7226	28.73928	-88.36204
1	Entrix	05/10/10	**B10**	Water	B	**B10B-WA01**	1L	10:57	10:25	TPH	2.0	cup		1	1.5	1646	28 44.3565	88 21.7226	28.73928	-88.36204
2	Entrix	05/10/10	**B10**	Water	B	**B10B-WA02**	cup	10:57	10:25			cup	LISST sample only	1	1.5	1646	28 44.3565	88 21.7226	28.73928	-88.36204
1	Entrix	05/10/10	**B10**	Water	C	**B10C-WA01**	1L	10:50	10:25	TPH	2.9	cup	visible sheen on surface of water in Niskin bottle	275	272.5	1646	28 44.3565	88 21.7226	28.73928	-88.36204
2	Entrix	05/10/10	**B10**	Water	C	**B10C-WA02**	cup	10:50	10:25			cup	visible sheen on surface of water in Niskin bottle	275	272.5	1646	28 44.3565	88 21.7226	28.73928	-88.36204

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1	Entrix	05/10/10	**B10**	Water	D	**B10D-WA01**	1L	10:40	10:25	TPH	5.0	cup	visible sheen on surface of water in Niskin bottle	550	556.9	1646	28 44.3565	88 21.7226	28.73928	-88.36204
2	Entrix	05/10/10	**B10**	Water	D	**B10D-WA02**	cup	10:40	10:25			cup	LISST sample only	550	556.9	1646	28 44.3565	88 21.7226	28.73928	-88.36204
1	Entrix	05/10/10	**B11**	Oil	A	**B11A-SP01**	8 oz	11:45	11:35				small tar balls and stringy mucous-like substance	0	0.0	1646	28 44.3573	88 21.4129	28.73929	-88.35688
2	Entrix	05/10/10	**B11**	Oil	A	**B11A-SP02**	8 oz	11:55	11:35				small tar balls and stringy mucous-like substance	0	0.0	1646	28 44.3573	88 21.4129	28.73929	-88.35688
1	Entrix	05/10/10	**B11**	Water	A	**B11A-WA01**	cup	12:00	11:35	TPH		cup	LISST sample only	0	0.0	1646	28 44.3573	88 21.4129	28.73929	-88.35688
2	Entrix	05/10/10	**B11**	Water	B	**B11B-WA01**	1L	10:08	11:35	TPH	2.2	cup		1	1.9	1646	28 44.3573	88 21.4129	28.73929	-88.35688
1	Entrix	05/10/10	**B11**	Water	B	**B11B-WA02**	cup	12:08	11:35			cup	LISST sample only	1	1.9	1646	28 44.3573	88 21.4129	28.73929	-88.35688
2	Entrix	05/10/10	**B11**	Water	C	**B11C-WA01**	1L	12:02	11:35	TPH	2.0	cup	visible sheen on surface of water in Niskin bottle	275	272.1	1646	28 44.3573	88 21.4129	28.73929	-88.35688
2	Entrix	05/10/10	**B11**	Water	C	**B11C-WA02**	cup	12:02	11:35			cup	visible sheen on surface of water in Niskin bottle	275	272.1	1646	28 44.3573	88 21.4129	28.73929	-88.35688
1	Entrix	05/10/10	**B11**	Water	D	**B11D-WA01**	1L	11:51	11:35	TPH	3.8	cup		550	556.5	1646	28 44.3573	88 21.4129	28.73929	-88.35688
1	Entrix	05/10/10	**B11**	Water	D	**B11D-WA02**	cup	11:51	11:35			cup		550	556.5	1646	28 44.3573	88 21.4129	28.73929	-88.35688
2	Entrix	05/10/10	**B12**	Water	A	**B12A-WA01**	1L	13:10	13:10	TPH		cup	thick oil on water surface	0	0.0	1646	28 44.3573	88 21.4129	28.73929	-88.35688
1	Entrix	05/10/10	**B12**	Oil	A	**B12A-SP01**	8 oz	13:10	13:10				thick oil on water surface	0	0.0	1646	28 44.6274	88 21.4158	28.74379	-88.35693
2	Entrix	05/10/10	**B12**	Oil	A	**B12A-SPO2**	8 oz	13:10	13:10				thick oil on water surface	0	0.0	1646	28 44.6274	88 21.4158	28.74379	-88.35693
1	Entrix	05/10/10	**B12**	Water	B	**B12B-WA01**	1L	13:16	12:42	TPH	3.4	cup	visible sheen on surface of water in Niskin bottle	1	2.0	1646	28 44.6274	88 21.4158	28.74379	-88.35693
1	Entrix	05/10/10	**B12**	Water	B	**B12B-WA02**	cup	13:16	12:42			cup	visible sheen on surface of water in Niskin bottle	1	2.0	1646	28 44.6274	88 21.4158	28.74379	-88.35693
2	Entrix	05/10/10	**B12**	Water	C	**B12C-WA01**	1L	13:09	12:42	TPH	3.2	cup	visible sheen on surface of water in Niskin bottle	275	271.6	1646	28 44.6274	88 21.4158	28.74379	-88.35693
2	Entrix	05/10/10	**B12**	Water	C	**B12C-WA02**	cup	13:09	12:42			cup	visible sheen on surface of water in Niskin bottle	275	271.6	1646	28 44.6274	88 21.4158	28.74379	-88.35693
1	Entrix	05/10/10	**B12**	Water	D	**B12D-WA01**	1L	12:59	12:42	TPH	3.4	cup	No visible sheen on Niskin	550	556.8	1646	28 44.6274	88 21.4158	28.74379	-88.35693
1	Entrix	05/10/10	**B12**	Water	D	**B12D-WA02**	cup	12:59	12:42			cup	No visible sheen on Niskin	550	556.8	1646	28 44.6274	88 21.4158	28.74379	-88.35693
2	Entrix	05/10/10	**B13**	Oil	A	**B13A-SP01**	8 oz	14:33	14:26				Thick black oil on surface	0	0.0	1646	28 43.5251	88 21.3614	28.72542	-88.35602
1	Entrix	05/10/10	**B13**	Oil	A	**B13A-SP02**	8 oz	14:33	14:26				Thick black oil on surface	0	0.0	1646	28 43.5251	88 21.3614	28.72542	-88.35602
2	Entrix	05/10/10	**B13**	Water	A	**B13A-WA01**	1L	14:33	14:26	TPH		cup	Thick black oil on surface	0	0.0	1646	28 43.5251	88 21.3614	28.72542	-88.35602
1	Entrix	05/10/10	**B13**	Water	B	**B13B-WA01**	1L	14:58	14:26	TPH	3.0	cup	visible sheen on surface of water in Niskin bottle	1	1.4	1646	28 43.5251	88 21.3614	28.72542	-88.35602
2	Entrix	05/10/10	**B13**	Water	B	**B13B-WA02**	cup	14:58	14:26			cup	LISST only	1	1.4	1646	28 43.5251	88 21.3614	28.72542	-88.35602
1	Entrix	05/10/10	**B13**	Water	C	**B13C-WA01**	1L	14:52	14:26	TPH	2.0	cup	visible sheen on surface of water in Niskin bottle	275	273.0	1646	28 43.5251	88 21.3614	28.72542	-88.35602
2	Entrix	05/10/10	**B13**	Water	C	**B13C-WA02**	cup	14:52	14:26			cup	LISST only	275	273.0	1646	28 43.5251	88 21.3614	28.72542	-88.35602
1	Entrix	05/10/10	**B13**	Water	D	**B13D-WA01**	1L	14:42	14:26	TPH	2.4	cup	no visible sheen	550	556.0	1646	28 43.5251	88 21.3614	28.72542	-88.35602
2	Entrix	05/10/10	**B13**	Water	D	**B13D-WA02**	cup	14:42	14:26			cup	LISST only	550	556.0	1646	28 43.5251	88 21.3614	28.72542	-88.35602
1	Entrix	05/10/10	**B14**	Oil	A	**B14A-SPO1**	8 oz	15:35					heavy, thick, black emulsified oil	0		1646	28 43.7626	88 21.5788	28.72938	-88.35965
2	Entrix	05/10/10	**B14**	Oil	A	**B14A-SP02**	8 oz	15:35					heavy, thick, black emulsified oil	0		1646	28 43.7626	88 21.5788	28.72938	-88.35965
1	Entrix	05/10/10	**B14**	Water	A	**B14A-WA01**	1L	15:35		TPH		cup	heavy, thick, black emulsified oil	0	0.0	1646	28 43.7626	88 21.5788	28.72938	-88.35965
2	Entrix	05/10/10	**B14**	Water	B	**B14B-WA01**	1L	16:02	15:27	TPH	2.8	cup	visible sheen on surface of water in niskin bottle	1	1.6	1646	28 43.7626	88 21.5788	28.72938	-88.35965
1	Entrix	05/10/10	**B14**	Water	B	**B14B-WA02**	cup	16:02	15:27			cup	visible sheen on surface of water in niskin bottle	1	1.6	1646	28 43.7626	88 21.5788	28.72938	-88.35965
2	Entrix	05/10/10	**B14**	Water	C	**B14C-WA01**	1L	15:53	15:27	TPH	1.1	cup	visible sheen on surface of water in niskin bottle	275	272.3	1646	28 43.7626	88 21.5788	28.72938	-88.35965
1	Entrix	05/10/10	**B14**	Water	C	**B14C-WA02**	cup	15:53	15:27			cup	visible sheen on surface of water in niskin bottle	275	272.3	1646	28 43.7626	88 21.5788	28.72938	-88.35965
2	Entrix	05/10/10	**B14**	Water	D	**B14D-WA01**	1L	15:44	15:27	TPH	4.2	cup		550	554.6	1646	28 43.7626	88 21.5788	28.72938	-88.35965
1	Entrix	05/10/10	**B14**	Water	D	**B14D-WA02**	cup	15:44	15:27			cup		550	554.6	1646	28 43.7626	88 21.5788	28.72938	-88.35965
2	Entrix	05/10/10	**B15**	Oil	A	**B15A-SP01**	8 oz	16:40	16:35				tar-like, very sticky	0	0.0	1646	28 44.0433	88 21.6838	28.73406	-88.36140
1	Entrix	05/10/10	**B15**	Oil	A	**B15A-SP02**	8 oz	16:45	16:43				sticks to glass jar	0	0.0	1646	28 44.0433	88 21.6838	28.73406	-88.36140
2	Entrix	05/10/10	**B15**	Water	A	**B15A-WA01**	1L	16:42	16:35	TPH		cup	agglomerated oil separates quickly, tar-like surface	0	0.0	1646	28 44.0433	88 21.6838	28.73406	-88.36140
1	Entrix	05/10/10	**B15**	Water	B	**B15B-WA01**	1L	16:58	16:25	TPH	2.3	cup	light sheen	1	1.5	1646	28 44.0433	88 21.6838	28.73406	-88.36140
2	Entrix	05/10/10	**B15**	Water	B	**B15B-WA02**	1L	16:58	16:25			cup	LISST only	1	1.5	1646	28 44.0433	88 21.6838	28.73406	-88.36140
1	Entrix	05/10/10	**B15**	Water	C	**B15C-WA01**	1L	16:52	16:25	TPH	1.3	cup	light sheen	275	272.2	1646	28 44.0433	88 21.6838	28.73406	-88.36140
2	Entrix	05/10/10	**B15**	Water	C	**B15C-WA02**	1L	16:52	16:25			cup	LISST only	275	272.2	1646	28 44.0433	88 21.6838	28.73406	-88.36140
1	Entrix	05/10/10	**B15**	Water	D	**B15D-WA01**	1L	16:41	16:25	TPH	2.8	cup	No sheen	550	556.6	1646	28 44.0433	88 21.6838	28.73406	-88.36140
2	Entrix	05/10/10	**B15**	Water	D	**B15D-WA02**	1L	16:41	16:25			cup	LISST only	550	556.6	1646	28 44.0433	88 21.6838	28.73406	-88.36140
1	Entrix	05/11/10	**B16**	Water	A	**B16A-WA01**	cup	7:30				cup	LISST only	0	0.0	1646	28 43.5235	88 21.3713	28.72539	-88.35619
2	Entrix	05/11/10	**B16**	Oil	A	**B16A-SP01**	8 oz	7:30					sorbent pad, patches of foam and thin sheen.	0	0.0	1646	28 43.5235	88 21.3713	28.72539	-88.35619
1	Entrix	05/11/10	**B16**	Oil	A	**B16A-SP02**	8 oz	7:30					sorbent pad, patches of foam and thin sheen.	0	0.0	1646	28 43.5235	88 21.3713	28.72539	-88.35619
2	Entrix	05/11/10	**B16**	Water	B	**B16B-WA01**	1L	7:54	7:20	TPH	2.6	cup		1	1.6	1646	28 43.5235	88 21.3713	28.72539	-88.35619
1	Entrix	05/11/10	**B16**	Water	B	**B16B-WA02**	cup	7:54	7:20			cup	LISST only	1	1.6	1646	28 43.5235	88 21.3713	28.72539	-88.35619
2	Entrix	05/11/10	**B16**	Water	C	**B16C-WA01**	1L	7:46	7:20	TPH	1.2	cup		275	273.0	1646	28 43.5235	88 21.3713	28.72539	-88.35619
1	Entrix	05/11/10	**B16**	Water	C	**B16C-WA02**	cup	7:46	7:20			cup	LISST only	275	273.0	1646	28 43.5235	88 21.3713	28.72539	-88.35619
2	Entrix	05/11/10	**B16**	Water	D	**B16D-WA01**	1L	7:36	7:20	TPH	1.3	cup		550	555.8	1646	28 43.5235	88 21.3713	28.72539	-88.35619
1	Entrix	05/11/10	**B16**	Water	D	**B16D-WA02**	cup	7:36	7:20			cup	LISST only	550	555.8	1646	28 43.5235	88 21.3713	28.72539	-88.35619
2	Entrix	05/11/10	**B17**	Water	A	**B17A-WA01**	cup	9:16				cup	LISST only, sheen visible on surface of water	0	0.0	1646	28 43.3214	88 21.1723	28.72202	-88.35287
1	Entrix	05/11/10	**B17**	Water	B	**B17B-WA01**	1L	9:11	8:38	TPH	3.2	cup	visible sheen on surface of water in Niskin bottle	1	1.6	1646	28 43.3214	88 21.1723	28.72202	-88.35287
2	Entrix	05/11/10	**B17**	Water	B	**B17B-WA02**	cup	9:11	8:38			cup	LISST only	1	1.6	1646	28 43.3214	88 21.1723	28.72202	-88.35287
1	Entrix	05/11/10	**B17**	Water	C	**B17C-WA01**	1L	9:04	8:38	TPH	1.0	cup	visible sheen on surface of water in Niskin bottle	275	272.7	1646	28 43.3214	88 21.1723	28.72202	-88.35287
2	Entrix	05/11/10	**B17**	Water	C	**B17C-WA02**	cup	9:04	8:38			cup	LISST only	275	272.7	1646	28 43.3214	88 21.1723	28.72202	-88.35287
1	Entrix	05/11/10	**B17**	Water	D	**B17D-WA01**	1L	8:54	8:38	TPH	1.0	cup	no visible sheen on surface of water in Niskin bottle	550	555.7	1646	28 43.3214	88 21.1723	28.72202	-88.35287
2	Entrix	05/11/10	**B17**	Water	D	**B17D-WA02**	cup	8:54	8:38			cup	LISST only	550	555.7	1646	28 43.3214	88 21.1723	28.72202	-88.35287
1	Entrix	05/11/10	**B18**	Water	A	**B18A-WA01**	cup	9:58	9:57			cup	LISST only, light sheen visible on surface of water	0	0.0	1646	28 43.8014	88 21.4184	28.73002	-88.35697
2	Entrix	05/11/10	**B18**	Water	B	**B18B-WA01**	1L	10:31	9:57	TPH	2.0	cup	visible sheen on surface of water in Niskin bottle	1	1.8	1646	28 43.8014	88 21.4184	28.73002	-88.35697
1	Entrix	05/11/10	**B18**	Water	B	**B18B-WA02**	cup	10:31	9:57			cup	LISST only	1	1.8	1646	28 43.8014	88 21.4184	28.73002	-88.35697
2	Entrix	05/11/10	**B18**	Water	C	**B18C-WA01**	1L	10:23	9:57	TPH	1.9	cup	visible sheen on surface of water in Niskin bottle	275	272.8	1646	28 43.8014	88 21.4184	28.73002	-88.35697
1	Entrix	05/11/10	**B18**	Water	C	**B18C-WA02**	cup	10:23	9:57			cup	LISST only	275	272.8	1646	28 43.8014	88 21.4184	28.73002	-88.35697
2	Entrix	05/11/10	**B18**	Water	D	**B18D-WA01**	1L	10:14	9:57	TPH	1.0	cup	no visible sheen on surface of water in Niskin bottle	550	555.6	1646	28 43.8014	88 21.4184	28.73002	-88.35697
1	Entrix	05/11/10	**B18**	Water	D	**B18D-WA02**	cup	10:14	9:57			cup	LISST only	550	555.6	1646	28 43.8014	88 21.4184	28.73002	-88.35697
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Mississippi Canyon 252

R/V Brooks McCall Sampling

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CTD

Files	Description
.con	serial number of SeaBird 55/25. SBE55 & SBE25 and contains configuration
.afm	bottle information from SBE55
.asc	tabular raw ascii conversion from cnv
.cnv	conversion to text from .hex
.hdr	CTD header information
.hex	Instrument recorded raw data
.ros	contains unprocessed but averaged depth and time bottle information

Sample Tracking Spreadsheet

Sample_Team	Group collected samples
Date	Date sample collected
Station	Station
Matrix	Matrix of collected sample
SampleID	Sample ID composed of Station + Depth Interval + "-" + Matrix + Sample Increment
Container Size	Size of container for analysis.
Time Collected	Time sample gathered from source media (water sample bottles closes) from CTD
Time Deployed	Time sampler deployed from CTD
Analysis	Type of Analysis to be performed
Dissolved Oxygen (mg/L)	Ship-board Dissolved Oxygen test kit
LISST	Were samples collected for LISST analysis by DFO Canada?
Notes	Special Notes
Planned Depth (m below surface)	Planned depth below water surface for sample collection
Actual Depth (m below surface)	Actual depth based on CTD
Latitude	Latitude from R/V Brooks-McCall in Degrees Decimal Minutes
Longitude	Longitude from R/V Brooks-McCall in Degrees Decimal Minutes
Lat (DD)	Latitude calculated in Decimal Degrees to make GIS people happy
Long (DD)	Longitude calculated in Decimal Degrees to make GIS people happy

Water_Depth (ft)	Approximate water depth in fathoms from Chart # 11360 (115A) from R/V Brooks McCall

LISST Data Files

Fluorometer Data Files

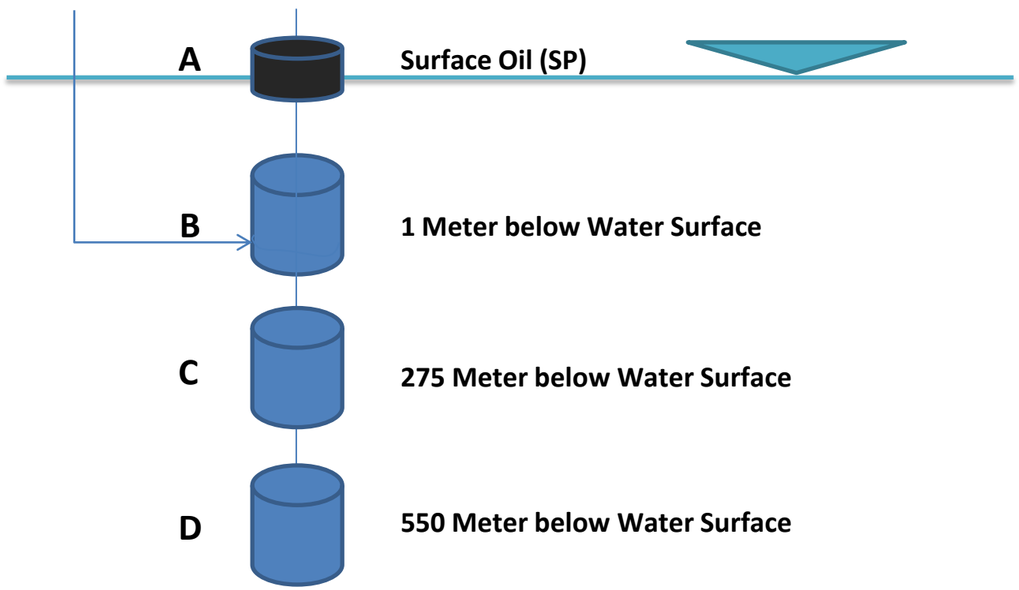
Sample_Matrix	Yes_No
Oil	Yes
Water	No

Sample Scheme

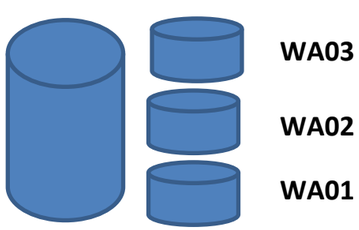
		Example:
Station	B = Brooks McCall + Numbered Station	B01
Depth Interval	A = Surface Interval, B, C, D… increasing depth	B
Matrix	WA = Water; SP = Surface Petroleum (Oil)	WA
Subsample ID	Sample # per Niskin bottle	WA01

Sample ID = Station + Depth Interval + "-" + Matrix + Sample ID

Example= B01B-WA01



Niskin bottles are closed from bottom (D) to top (B)



2 samples per Niskin unless surface sheen observed- then 3

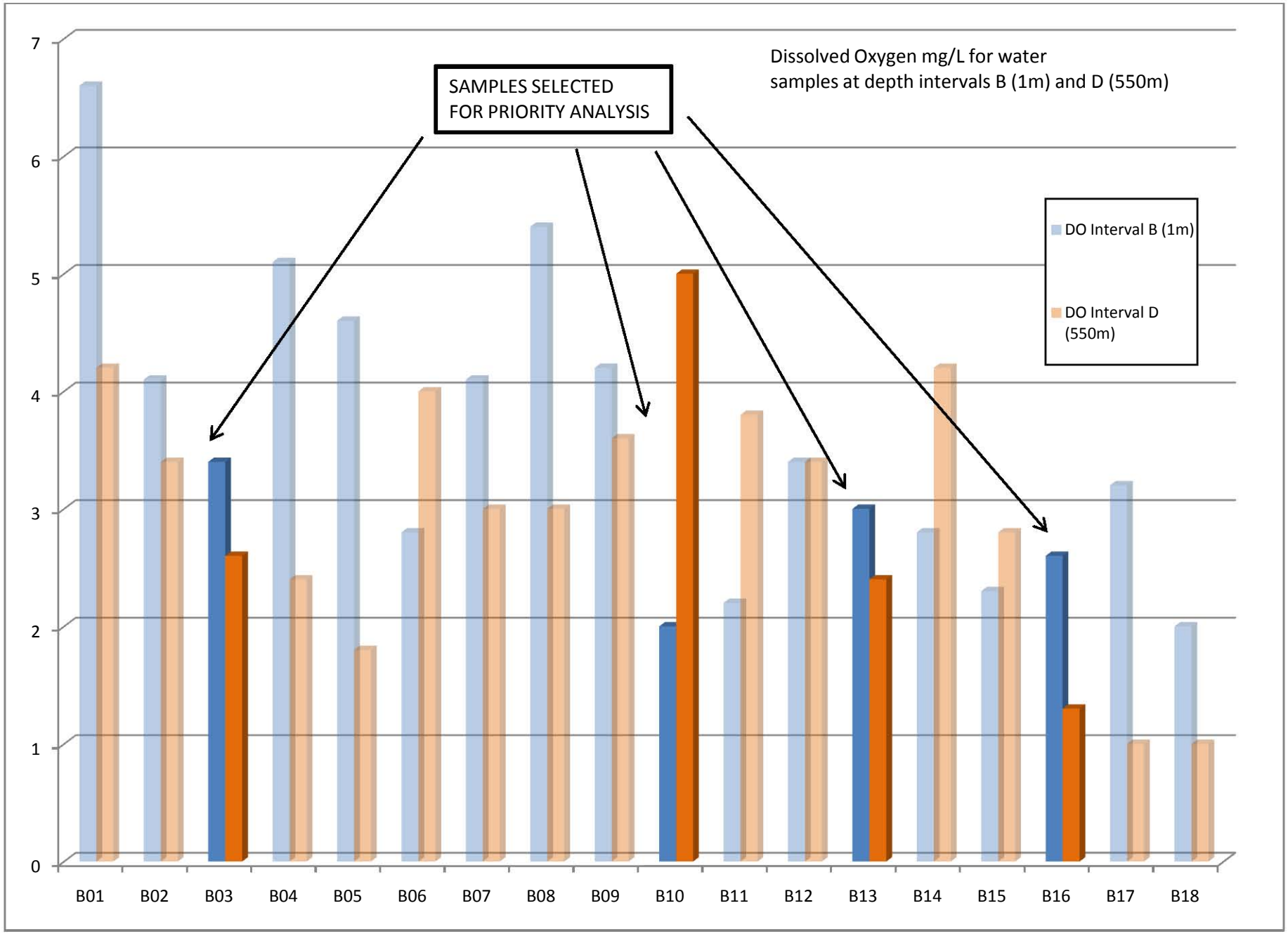
Notes

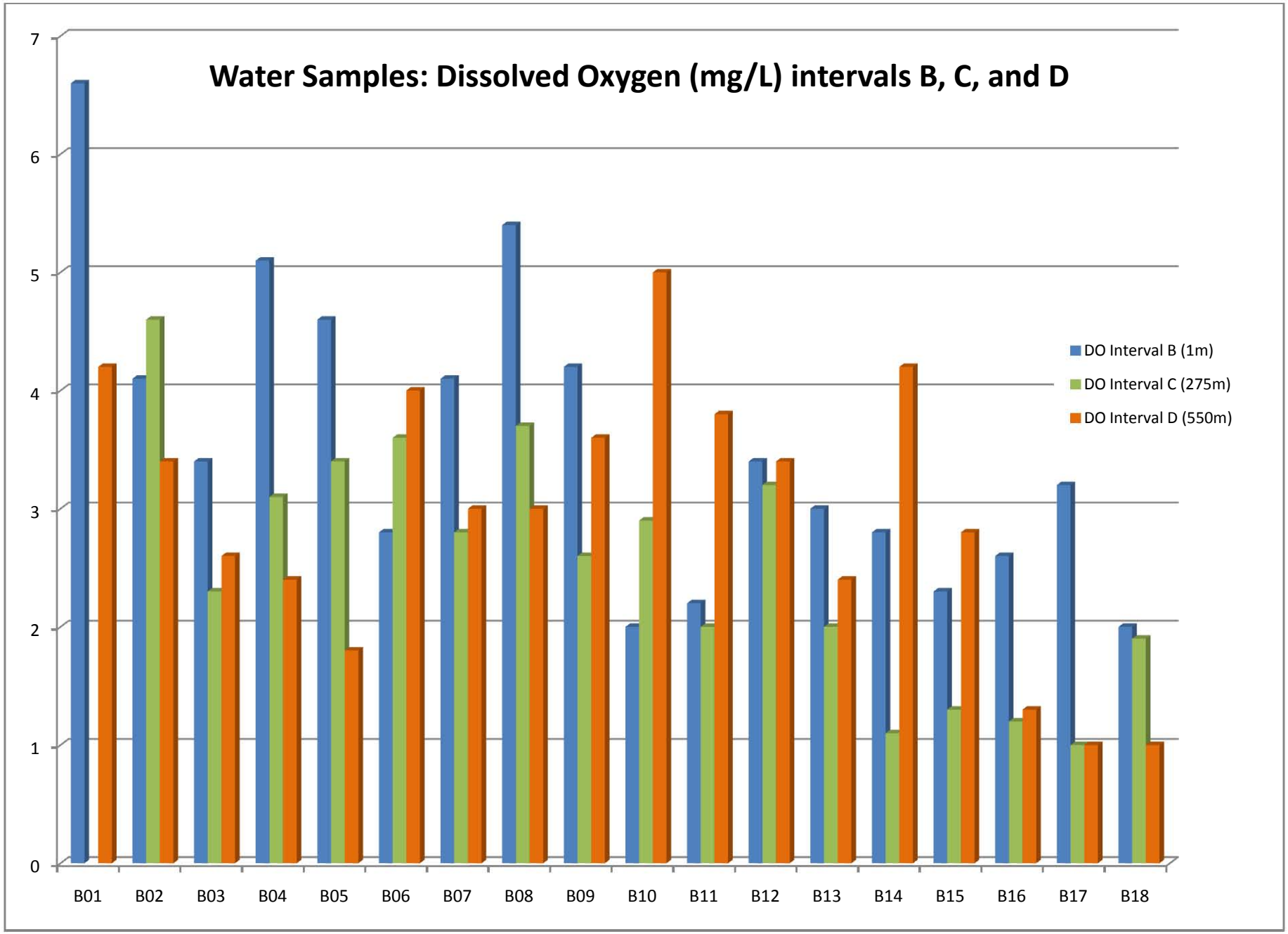
1 No samples collected at Station B01 middle interval C due to collection bottle not closing

2 5/10/2010 Sample transfer method for LISST analysis changed from 4 oz. containers to plastic cups

Date	Stations sampled for Water	Stations where surface oil sample collected	Oil Samples total	Dissolved Oxygen samples	1L water Samples for analysis	sample intervals sampled by LISST
5/8/2010	1	0	0	2	4	4
5/9/2010	8	4	7	23	51	44
5/10/2010	6	6	12	15	25	36
5/11/2010						
Totals	15	10	19	40	80	84

Index	Sample_Team	Date	Station	Matrix	Depth_Interval	SampleID	Container Size	Analysis	Dissolved Oxygen (mg/L)	LISST	Notes	Planned Depth (m below surface)	Actual Depth (m below surface)	Water_Depth approx. (m)	Lat (DD)	Long (DD)
1	Entrix	40307	B02	Water	C	B02C-WA01	1L	TPH		4.6	2x 4oz	275	272.43	1646	28.75083167	-88.37082
1	Entrix	40307	B03	Water	C	B03C-WA01	1L	TPH		2.3	2x 4oz	275	272.7	1646	28.73918833	-88.362015
1	Entrix	40307	B04	Water	C	B04C-WA01	1L	TPH		3.1	2x 4oz	275	272.6	1646	28.73432833	-88.35855333
2	Entrix	40307	B05	Water	C	B05C-WA01	1L	TPH		3.4	2x 4oz	275	273.3	1646	28.72766833	-88.35323
1	Entrix	40307	B06	Water	C	BO6C-WA01	1L	TPH		3.6	2x 4oz	275	273	1646	28.76201333	-88.35666833
1	Entrix	40307	B07	Water	C	B07C-WA01	1L	TPH		2.8	2x 4oz	275	272	1646	28.76188167	-88.38351833
2	Entrix	40307	B08	Water	C	B08C-WA01	1L	TPH		3.7	2x 4oz	275	272	1646	28.76188167	-88.38351833
1	Entrix	40307	B09	Water	C	B09C-WA01	1L	TPH		2.6	2x 4oz	275	272	1646	28.73828167	-88.38341333
2	Entrix	40308	B10	Water	C	B10C-WA01	1L	TPH		2.9	cup	visible sheen on surface of water in Niskin bottle	275	272.5	1646	28.739275	-88.36204333
2	Entrix	40308	B11	Water	C	B11C-WA01	1L	TPH		2	cup	visible sheen on surface of water in Niskin bottle	275	272.1	1646	28.73928833	-88.35688167
2	Entrix	40308	B12	Water	C	B12C-WA01	1L	TPH		3.2	cup	visible sheen on surface of water in Niskin bottle	275	271.6	1646	28.74379	-88.35693
1	Entrix	40308	B13	Water	C	B13C-WA01	1L	TPH		2	cup	visible sheen on surface of water in Niskin bottle	275	273	1646	28.72541833	-88.35602333
2	Entrix	40308	B14	Water	C	B14C-WA01	1L	TPH		1.1	cup	visible sheen on surface of water in niskin bottle	275	272.3	1646	28.72937667	-88.35964667
1	Entrix	40308	B15	Water	C	B15C-WA01	1L	TPH		1.3	cup	light sheen	275	272.231	1646	28.734055	-88.36139667
2	Entrix	40309	B16	Water	C	B16C-WA01	1L	TPH		1.2	cup		275	273.006	1646	28.72539167	-88.35618833
1	Entrix	40309	B17	Water	C	B17C-WA01	1L	TPH		1	cup	visible sheen on surface of water in Niskin bottle	275	272.666	1646	28.72202333	-88.35287167
2	Entrix	40309	B18	Water	C	B18C-WA01	1L	TPH		1.9	cup	visible sheen on surface of water in Niskin bottle	275	272.751	1646	28.73002333	-88.35697333


Dissolved Oxygen mg/L for water samples at depth intervals B (1m) and D (550m)
SAMPLES SELECTED FOR PRIORITY ANALYSIS
DO Interval B (1m)
DO Interval D (550m)
0
1
2
3
4
5
6
7
B01
B02
B03
B04
B05
B06
B07
B08
B09
B10
B11
B12
B13
B14
B15
B16
B17
B18


Water Samples: Dissolved Oxygen (mg/L) intervals B, C, and D
7
6
5
4
3
2
1
0
B01
B02
B03
B04
B05
B06
B07
B08
B09
B10
B11
B12
B13
B14
B15
B16
B17
B18
DO Interval B (1m)
DO Interval C (275m)
DO Interval D (550m)

Station	DO Interval B (1m)	DO Interval D (550m)	DO Interval C (275m)
B01	6.6	4.2	
B02	4.1	3.4	4.6
B03	3.4	2.6	2.3
B04	5.1	2.4	3.1
B05	4.6	1.8	3.4
B06	2.8	4	3.6
B07	4.1	3	2.8
B08	5.4	3	3.7
B09	4.2	3.6	2.6
B10	2	5	2.9
B11	2.2	3.8	2
B12	3.4	3.4	3.2
B13	3	2.4	2
B14	2.8	4.2	1.1
B15	2.3	2.8	1.3
B16	2.6	1.3	1.2
B17	3.2	1	1
B18	2	1	1.9