CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0815259**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
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Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **01-OCT-2008**		
Order number	: **----**			*Date of issue*	: **08-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received*	:	**74**
Site	: **----**				- *Analysed*	:	**74**

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0815259 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0815259 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 773919)								
HK0815259-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	10	11	0.0
HK0815259-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 773920)								
HK0815259-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	13	13	0.0
HK0815259-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	5	24.7
EA/ED: Physical and Aggregate Properties (QC Lot: 773921)								
HK0815259-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	8	20.5
HK0815259-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	6	21.5
EA/ED: Physical and Aggregate Properties (QC Lot: 773922)								
HK0815259-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0815259-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	12	10	14.4

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 773919)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 773920)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 773921)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 773922)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0816029**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **02-OCT-2008**		
Order number	: **----**			*Date of issue*	: **08-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0816029 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0816029 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 775440)								
HK0816029-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0816029-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 775441)								
HK0816029-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	3	0.0
HK0816029-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	3	3	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 775442)								
HK0816029-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	3	3	0.0
HK0816029-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 775443)								
HK0816029-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0816029-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 775440)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 775441)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	88.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 775442)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	100	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 775443)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0816034**		
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E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **03-OCT-2008**		
Order number	: **----**			*Date of issue*	: **09-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received*	:	**74**
Site	: **----**				- *Analysed*	:	**74**

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0816034 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0816034 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 776374)								
HK0816034-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0816034-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 776375)								
HK0816034-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0
HK0816034-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	16.1
EA/ED: Physical and Aggregate Properties (QC Lot: 776376)								
HK0816034-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0816034-065	MPB2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	7	18.4
EA/ED: Physical and Aggregate Properties (QC Lot: 776377)								
HK0816034-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0816034-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 776374)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	107	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 776375)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	107	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 776376)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	92.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 776377)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0816037**		
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Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **05-OCT-2008**		
Order number	: **----**			*Date of issue*	: **09-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received*	:	**74**
Site	: **----**				- *Analysed*	:	**74**

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0816037 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0816037 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 776378)								
HK0816037-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
HK0816037-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 776379)								
HK0816037-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	8	17.6
HK0816037-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 776380)								
HK0816037-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
HK0816037-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 776381)								
HK0816037-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	10	10	0.0
HK0816037-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	9	13.2

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 776378)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 776379)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	110	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 776380)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 776381)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	93.0	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0816031**		
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Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **05-OCT-2008**		
Order number	: **----**			*Date of issue*	: **09-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0816031 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0816031 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 776370)								
HK0816031-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	10	0.0
HK0816031-015	MPB2 M ME	EA025: Suspended Solids (SS)	----	1	mg/L	10	10	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 776371)								
HK0816031-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	11	11	0.0
HK0816031-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	8	13.2
EA/ED: Physical and Aggregate Properties (QC Lot: 776372)								
HK0816031-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	13	12	11.5
HK0816031-072	IMO1 B DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	12	10	12.9
EA/ED: Physical and Aggregate Properties (QC Lot: 776373)								
HK0816031-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	10	12	13.8
HK0816031-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 776370)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	106	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 776371)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	93.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 776372)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	100	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 776373)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	113	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0816035**		
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E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **06-OCT-2008**		
Order number	: **----**			*Date of issue*	: **10-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received*	:	**74**
Site	: **----**				- *Analysed*	:	**74**

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0816035 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0816035 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 779240)								
HK0816035-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	11	11	0.0
HK0816035-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	10	9	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 779241)								
HK0816035-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	12	11	0.0
HK0816035-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 779242)								
HK0816035-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	11	11	0.0
HK0816035-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	12	11	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 779243)								
HK0816035-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	10	10	0.0
HK0816035-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 779240)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	100	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 779241)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	88.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 779242)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	94.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 779243)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	105	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0816038**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **07-OCT-2008**		
Order number	: **----**			*Date of issue*	: **10-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0816038 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0816038 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 779244)								
HK0816038-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	2	2	0.0
HK0816038-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	3	3	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 779245)								
HK0816038-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	3	3	0.0
HK0816038-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 779246)								
HK0816038-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0816038-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 779247)								
HK0816038-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	4	0.0
HK0816038-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	3	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 779244)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	88.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 779245)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	95.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 779246)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	93.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 779247)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	110	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0816459**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **08-OCT-2008**		
Order number	: **----**			*Date of issue*	: **13-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0816459 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0816459 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 780432)								
HK0816459-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0816459-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 780433)								
HK0816459-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0816459-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 780434)								
HK0816459-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	14	13	11.9
HK0816459-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 780435)								
HK0816459-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0816459-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 780432)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	101	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 780433)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	92.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 780434)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	98.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 780435)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	98.5	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0816464**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **09-OCT-2008**		
Order number	: **----**			*Date of issue*	: **14-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received*	:	**74**
Site	: **----**				- *Analysed*	:	**74**

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0816464 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0816464 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 781864)								
HK0816464-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	4	0.0
HK0816464-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 781865)								
HK0816464-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0816464-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 781866)								
HK0816464-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0816464-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 781867)								
HK0816464-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	5	0.0
HK0816464-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 781864)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 781865)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 781866)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	93.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 781867)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	105	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0816460**		
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E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **10-OCT-2008**		
Order number	: **----**			*Date of issue*	: **16-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0816460_1.00 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0816460 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 782805)								
HK0816460-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	9	0.0
HK0816460-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 782806)								
HK0816460-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	3	3	0.0
HK0816460-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 782807)								
HK0816460-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	3	4	0.0
HK0816460-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 782808)								
HK0816460-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0816460-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 782805)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	88.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 782806)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	100	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 782807)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	88.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 782808)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	91.5	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0816032**		
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E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
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Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **11-OCT-2008**		
Order number	: **----**			*Date of issue*	: **15-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0816032 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0816032 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the 'Electronic Transactions Ordinance' of Hong Kong, Chapter 553, Section 6.

Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 784071)								
HK0816032-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0
HK0816032-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 784072)								
HK0816032-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0816032-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 784073)								
HK0816032-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	14	14	0.0
HK0816032-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 784074)								
HK0816032-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
HK0816032-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	17.1

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 784071)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	93.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 784072)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	96.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 784073)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	91.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 784074)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	87.5	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0816461**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **12-OCT-2008**		
Order number	: **----**			*Date of issue*	: **15-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0816461 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0816461 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 784075)								
HK0816461-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	8	17.8
HK0816461-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 784076)								
HK0816461-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	20.4
HK0816461-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	9	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 784077)								
HK0816461-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0816461-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 784078)								
HK0816461-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0816461-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 784075)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	101	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 784076)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 784077)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	112	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 784078)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	109	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
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E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **13-OCT-2008**		
Order number	: **----**			*Date of issue*	: **16-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0816462 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0816462 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 784079)								
HK0816462-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0816462-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 784080)								
HK0816462-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0816462-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 784081)								
HK0816462-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0816462-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	9	10	10.7
EA/ED: Physical and Aggregate Properties (QC Lot: 784082)								
HK0816462-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0816462-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	5	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 784079)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	106	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 784080)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	95.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 784081)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	103	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 784082)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	112	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0816463**		
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E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **14-OCT-2008**		
Order number	: **----**			*Date of issue*	: **17-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0816463 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0816463 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 786117)								
HK0816463-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0
HK0816463-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	9	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 786118)								
HK0816463-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	9	12.3
HK0816463-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 786119)								
HK0816463-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
HK0816463-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 786120)								
HK0816463-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
HK0816463-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 786117)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	91.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 786118)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	111	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 786119)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	96.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 786120)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	110	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0816030**		
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Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **15-OCT-2008**		
Order number	: **----**			*Date of issue*	: **20-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0816030 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0816030 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

This document has been electronically signed by those names that appear on this report and are the authorised signatories. Electronic signing has been carried out in compliance with procedures specified in the 'Electronic Transactions Ordinance' of Hong Kong, Chapter 553, Section 6.

Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 787380)								
HK0816030-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	9	0.0
HK0816030-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	9	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 787381)								
HK0816030-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
HK0816030-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	10	22.8
EA/ED: Physical and Aggregate Properties (QC Lot: 787382)								
HK0816030-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
HK0816030-068	IMO1 S DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	11	12	9.8
EA/ED: Physical and Aggregate Properties (QC Lot: 787383)								
HK0816030-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	11	10	0.0
HK0816030-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	7	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 787380)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	91.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 787381)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	94.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 787382)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	99.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 787383)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	92.5	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0817214**		
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Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **16-OCT-2008**		
Order number	: **----**			*Date of issue*	: **22-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0817214 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0817214 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 788446)								
HK0817214-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	9	0.0
HK0817214-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	8	14.1
EA/ED: Physical and Aggregate Properties (QC Lot: 788447)								
HK0817214-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	9	0.0
HK0817214-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 788448)								
HK0817214-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	9	8	0.0
HK0817214-068	IMO1 S DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 788449)								
HK0817214-078	IMO2 B DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	6	0.0
HK0817214-100	C3 (NM6) M DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	10	10	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 788446)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	103	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 788447)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	107	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 788448)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	106	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 788449)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	100	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0818168**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **17-OCT-2008**		
Order number	: **----**			*Date of issue*	: **22-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0818168 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0818168 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 792305)								
HK0818168-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	8	11.8
HK0818168-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	8	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 792306)								
HK0818168-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	8	12.0
HK0818168-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	9	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 792307)								
HK0818168-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	9	9	0.0
HK0818168-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	10	10	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 792308)								
HK0818168-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	10	8	18.6
HK0818168-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	10	11	13.4

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 792305)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	96.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 792306)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 792307)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	100	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 792308)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	106	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0817245**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **18-OCT-2008**		
Order number	: **----**			*Date of issue*	: **22-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0817245 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0817245 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 789842)								
HK0817245-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	10	0.0
HK0817245-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	9	13.9
EA/ED: Physical and Aggregate Properties (QC Lot: 789843)								
HK0817245-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	6	18.2
HK0817245-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	12	12	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 789844)								
HK0817245-058	MPB1 M DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	6	17.4
HK0817245-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	10	10	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 789845)								
HK0817245-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	17	18	0.0
HK0817245-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	22	22	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 789842)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	100	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 789843)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	95.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 789844)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	99.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 789845)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	105	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0817252**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **19-OCT-2008**		
Order number	: **----**			*Date of issue*	: **22-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received*	:	**74**
Site	: **----**				- *Analysed*	:	**74**

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0817252 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0817252 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 789846)								
HK0817252-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0
HK0817252-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	9	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 789847)								
HK0817252-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	10	13.5
HK0817252-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	14	13	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 789848)								
HK0817252-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0817252-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	6	20.3
EA/ED: Physical and Aggregate Properties (QC Lot: 789849)								
HK0817252-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	10	10	0.0
HK0817252-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 789846)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 789847)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	101	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 789848)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	95.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 789849)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0817246**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **20-OCT-2008**		
Order number	: **----**			*Date of issue*	: **23-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received*	:	**74**
Site	: **----**				- *Analysed*	:	**74**

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0817246 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0817246 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 792044)								
HK0817246-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0817246-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 792045)								
HK0817246-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0817246-046	C2 (NM5) M DUP ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 792046)								
HK0817246-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0817246-068	IMO1 S DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	5	18.9
EA/ED: Physical and Aggregate Properties (QC Lot: 792047)								
HK0817246-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	4	0.0
HK0817246-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	6	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 792044)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	97.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 792045)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	93.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 792046)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	107	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 792047)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	97.0	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0817247**		
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E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **21-OCT-2008**		
Order number	: **----**			*Date of issue*	: **24-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0817247 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0817247 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 793157)								
HK0817247-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0817247-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 793159)								
HK0817247-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0817247-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 793160)								
HK0817247-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	3	4	0.0
HK0817247-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	3	3	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 793161)								
HK0817247-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	22.4
HK0817247-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	3	3	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 793157)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 793159)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	93.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 793160)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	96.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 793161)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0817249**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **22-OCT-2008**		
Order number	: **----**			*Date of issue*	: **25-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0817249 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0817249 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 794522)								
HK0817249-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0817249-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	3	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 794523)								
HK0817249-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0817249-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	18.6
EA/ED: Physical and Aggregate Properties (QC Lot: 794524)								
HK0817249-058	MPB1 M DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	4	0.0
HK0817249-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 794525)								
HK0817249-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	3	3	0.0
HK0817249-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	3	4	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 794522)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	96.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 794523)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	88.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 794524)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 794525)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	100	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0818069**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **23-OCT-2008**		
Order number	: **----**			*Date of issue*	: **28-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0818069 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0818069 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 795969)								
HK0818069-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	3	4	0.0
HK0818069-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 795970)								
HK0818069-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	5	0.0
HK0818069-046	C2 (NM5) M DUP ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 795971)								
HK0818069-058	MPB1 M DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0818069-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	22.5
EA/ED: Physical and Aggregate Properties (QC Lot: 795972)								
HK0818069-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0818069-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 795969)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	97.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 795970)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	96.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 795971)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	99.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 795972)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	100	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0818070**		
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E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **24-OCT-2008**		
Order number	: **----**			*Date of issue*	: **29-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received*	:	**74**
Site	: **----**				- *Analysed*	:	**74**

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0818070 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0818070 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 796433)								
HK0818070-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0818070-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 796434)								
HK0818070-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0818070-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 796435)								
HK0818070-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	21.4
HK0818070-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 796436)								
HK0818070-102	C3 (NM6) B DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0818070-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 796433)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	98.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 796434)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	105	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 796435)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 796436)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0818072**		
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E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **25-OCT-2008**		
Order number	: **----**			*Date of issue*	: **29-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0818072 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0818072 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 796491)								
HK0818072-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	4	0.0
HK0818072-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 796492)								
HK0818072-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	4	0.0
HK0818072-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 796493)								
HK0818072-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	0.0
HK0818072-069	IMO1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 796494)								
HK0818072-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	5	0.0
HK0818072-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 796491)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	91.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 796492)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	97.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 796493)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 796494)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	94.5	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0818073**		
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E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **26-OCT-2008**		
Order number	: **----**			*Date of issue*	: **29-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0818073 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0818073 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 797236)								
HK0818073-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0818073-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 797237)								
HK0818073-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	6	22.7
HK0818073-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 797238)								
HK0818073-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0818073-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	5	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 797239)								
HK0818073-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0818073-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	18.5

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 797236)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	99.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 797237)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	99.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 797238)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	96.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 797239)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	107	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0818074**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **27-OCT-2008**		
Order number	: **----**			*Date of issue*	: **30-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0818074 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0818074 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 798338)								
HK0818074-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	5	0.0
HK0818074-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	8	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 798340)								
HK0818074-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
HK0818074-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 798341)								
HK0818074-058	MPB1 M DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	4	4	0.0
HK0818074-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 798342)								
HK0818074-078	IMO2 B DUP MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0818074-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 798338)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 798340)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	110	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 798341)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	89.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 798342)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0818075**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **28-OCT-2008**		
Order number	: **----**			*Date of issue*	: **31-OCT-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received* :	**74**	
Site	: **----**				- *Analysed* :	**74**	

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0818075 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0818075 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 798930)								
HK0818075-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	9	0.0
HK0818075-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	9	8	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 798931)								
HK0818075-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	7	7	0.0
HK0818075-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 798932)								
HK0818075-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	9	8	0.0
HK0818075-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	10	9	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 798933)								
HK0818075-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
HK0818075-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	9	9	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 798930)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 798931)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	103	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 798932)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	100	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 798933)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

CERTIFICATE OF ANALYSIS

Client	: **ERM HONG KONG**	*Laboratory*	: **ALS Technichem (HK) Pty Ltd**	*Page*	: **1 of 5**		
Contact	: **MS KAREN LUI**	*Contact*	: **Wong Wai Man, Alice**	*Work Order*	: **HK0818076**		
Address	: **21/F, LINCOLN HOUSE, 979 KING`S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG**	*Address*	: **11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong**				
E-mail	: **Karen.Lui@erm.com**	*E-mail*	: **Alice.Wong@alsenviro.com**				
Telephone	: **+852 2271 3000**	*Telephone*	: **+852 2610 1044**				
Facsimile	: **+852 2723 5660**	*Facsimile*	: **+852 2610 2021**				
Project	: **EM&A FOR THE PERMANENT AVIATION FUEL FACILITY**	*Quote number*	: **----**	*Date received*	: **29-OCT-2008**		
Order number	: **----**			*Date of issue*	: **03-NOV-2008**		
C-O-C number	: **----**			*No. of samples*	- *Received*	:	**74**
Site	: **----**				- *Analysed*	:	**74**

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0818076 supersedes any previous reports with this reference. The completion date of analysis is . Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release. When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for process purposes. Abbreviations: CAS number = Chemical Abstract Services number. LOR = Limit of reporting.

Specific comments for Work Order HK0818076 : **Sample(s) were picked up from client by ALS Technichem (HK) staff in a chilled condition.**
Water sample(s) analysed and reported on an as received basis.

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Signatory	*Position*	*Authorised results for:-*
Fung Lim Chee, Richard	**General Manager**	**Inorganics**

Laboratory Duplicate (DUP) Report

Matrix: **WATER**

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 800145)								
HK0818076-001	MP S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	7	18.3
HK0818076-013	MPB2 S ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	5	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 800146)								
HK0818076-023	IMO1 B ME	EA025: Suspended Solids (SS)	----	1	mg/L	8	8	0.0
HK0818076-045	C2 (NM5) M ME	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 800147)								
HK0818076-057	MPB1 M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0
HK0818076-067	IMO1 S MF	EA025: Suspended Solids (SS)	----	1	mg/L	5	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 800148)								
HK0818076-077	IMO2 B MF	EA025: Suspended Solids (SS)	----	1	mg/L	8	7	0.0
HK0818076-099	C3 (NM6) M MF	EA025: Suspended Solids (SS)	----	1	mg/L	6	6	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
		LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 800145)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	99.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 800146)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	106	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 800147)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	96.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QCLot: 800148)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

- **No Matrix Spike (MS) or Matrix Spike Duplicate (MSD) Results are required to be reported.**

Sampling Date	01/10/2008
Weather & Ambient Temperature	Sunny, 30C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	14:57-14:58							
Water Depth (m)	18.8							
Monitoring Depth (m)	1.0		9.4		17.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.5	27.4	27.3	27.4	27.48	-
Salinity (ppt)	28.9	29.0	30.6	30.9	31.7	31.5	30.43	-
pH	7.1	7.1	7.1	7.1	7.1	7.1	7.13	
D.O. Saturation (%)	82.3	83.2	78.5	80.7	81.0	82.5	81.37	-
D.O. (mg/L)	5.5	5.6	5.2	5.4	5.4	5.5	5.43	5.43
Turbidity (NTU)	3.9	4.0	5.2	4.8	5.7	5.5	4.85	-
SS (mg/L)	5.0	4.0	6.0	6.0	4.0	5.0	5.00	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	14:21-14:23							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.5	27.5	27.4	27.4	27.51	-
Salinity (ppt)	27.3	27.5	28.1	28.0	29.5	29.5	28.30	-
pH	7.0	7.0	7.0	7.0	7.0	7.0	6.98	
D.O. Saturation (%)	85.5	84.4	84.2	85.4	85.6	87.3	85.40	-
D.O. (mg/L)	5.8	5.7	5.7	5.8	5.7	5.9	5.76	5.80
Turbidity (NTU)	9.1	9.5	20.2	20.2	21.6	21.2	16.97	-
SS (mg/L)	8.0	7.0	9.0	9.0	9.0	11.0	8.83	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	14:12-14:14						Northing	Easting
Water Depth (m)	10.8						22.21.280	113.57.074
Monitoring Depth (m)	1.0		5.4		9.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.5	27.4	27.4	27.4	27.4	27.47	-
Salinity (ppt)	27.8	28.4	30.5	30.4	30.7	30.8	29.78	-
pH	7.0	7.0	7.1	7.1	7.1	7.1	7.07	
D.O. Saturation (%)	83.0	82.7	82.2	82.4	82.1	82.6	82.50	-
D.O. (mg/L)	5.6	5.6	5.5	5.5	5.5	5.50	5.52	5.49
Turbidity (NTU)	9.1	9.2	18.0	17.5	18.7	18.4	15.15	-
SS (mg/L)	9.0	7.0	8.0	7.0	13.0	12.0	9.33	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	13:51-13:52							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.6	27.6	27.5	27.4	27.4	27.52	-
Salinity (ppt)	26.5	26.6	27.2	28.4	28.6	30.5	27.95	-
pH	6.9	6.9	6.9	6.9	6.9	7.0	6.91	
D.O. Saturation (%)	82.9	84.6	82.6	84.6	83.2	84.8	83.78	-
D.O. (mg/L)	5.6	5.8	5.6	5.7	5.6	5.7	5.66	5.64
Turbidity (NTU)	7.4	6.8	9.4	9.2	10.9	11.1	9.13	-
SS (mg/L)	5.0	5.0	8.0	8.0	9.0	8.0	7.17	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	14:02-14:04						Northing	Easting
Water Depth (m)	13.8						22.21.268	113.55.435
Monitoring Depth (m)	1.0		6.9		12.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.5	27.5	27.4	27.5	27.58	-
Salinity (ppt)	27.7	27.8	30.2	30.2	31.1	31.1	29.70	-
pH	7.1	7.1	7.2	7.2	7.2	7.2	7.13	
D.O. Saturation (%)	88.4	87.6	87.4	88.1	87.7	88.8	88.00	-
D.O. (mg/L)	6.0	5.9	5.8	5.9	5.8	5.90	5.88	5.87
Turbidity (NTU)	5.9	6.0	8.9	9.2	10.8	11.1	8.65	-
SS (mg/L)	7.0	7.0	7.0	5.0	5.0	5.0	6.00	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	14:31-14:32							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.5	-	-	27.4	27.4	27.48	-
Salinity (ppt)	27.8	28.3	-	-	30.3	30.1	29.10	-
pH	7.0	7.0	-	-	7.0	7.0	6.98	
D.O. Saturation (%)	85.0	88.3	-	-	91.3	89.0	88.40	-
D.O. (mg/L)	5.7	6.0	-	-	6.1	6.0	5.94	6.03
Turbidity (NTU)	11.4	11.7	-	-	22.2	21.8	16.78	-
SS (mg/L)	10.0	10.0	-	-	7.0	7.0	8.50	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.4	5.4	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.4	5.4	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	6.3	6.3	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	6.5	6.5	N	N	N	N	N	N	N	N	N	N

Sampling Date	01/10/2008
Weather & Ambient Temperature	Fine, 29C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	19:57-19:59							
Water Depth (m)	16.2							
Monitoring Depth (m)	1.0		8.1		15.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.5	27.4	27.3	27.3	27.45	-
Salinity (ppt)	28.9	28.9	30.4	30.6	31.3	31.3	30.22	-
pH	7.1	7.1	7.1	7.1	7.1	7.1	7.12	
D.O. Saturation (%)	84.1	85.9	81.4	80.7	81.9	82.8	82.80	-
D.O. (mg/L)	5.6	5.8	5.4	5.4	5.4	5.5	5.52	5.47
Turbidity (NTU)	3.9	4.1	3.9	4.3	4.2	4.1	4.08	-
SS (mg/L)	3.0	4.0	6.0	5.0	4.0	6.0	4.67	-
Remarks	No dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	19:42-19:43							
Water Depth (m)	7.0							
Monitoring Depth (m)	1.0		3.5		6.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.4	27.3	27.3	27.3	27.3	27.34	-
Salinity (ppt)	28.2	28.8	30.3	30.2	32.4	32.6	30.39	-
pH	6.9	6.9	7.0	7.0	7.0	7.0	6.97	
D.O. Saturation (%)	89.9	88.8	89.3	90.4	90.4	91.3	90.02	-
D.O. (mg/L)	6.1	6.0	6.0	6.0	6.0	6.0	6.01	6.00
Turbidity (NTU)	7.3	7.1	9.7	9.3	12.8	12.5	9.78	-
SS (mg/L)	4.0	6.0	12.0	10.0	8.0	8.0	8.00	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	19:10-19:12							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	27.4	27.4	27.3	27.3	27.41	-
Salinity (ppt)	27.4	27.4	28.1	28.0	30.4	29.8	28.52	-
pH	7.0	7.0	7.0	7.0	7.0	7.0	6.99	
D.O. Saturation (%)	85.1	85.4	85.9	84.5	87.9	84.9	85.62	-
D.O. (mg/L)	5.8	5.8	5.8	5.7	5.9	5.7	5.77	5.78
Turbidity (NTU)	8.1	7.9	20.2	20.5	22.2	22.8	16.95	-
SS (mg/L)	6.0	5.0	7.0	7.0	10.0	11.0	7.67	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	19:01-19:03						Northing	Easting
Water Depth (m)	11.0						22.21.282	113.57.078
Monitoring Depth (m)	1.0		5.5		10.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.3	27.3	27.3	27.3	27.42	-
Salinity (ppt)	27.7	27.8	30.4	30.4	30.8	30.6	29.63	-
pH	7.0	7.0	7.1	7.1	7.1	7.1	7.06	
D.O. Saturation (%)	85.2	84.5	83.2	83.9	83.9	84.4	84.18	-
D.O. (mg/L)	5.8	5.7	5.6	5.6	5.6	5.6	5.64	5.61
Turbidity (NTU)	8.4	8.7	17.6	17.9	18.3	18.4	14.88	-
SS (mg/L)	8.0	11.0	9.0	11.0	15.0	16.0	11.67	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	19:19-19:20							
Water Depth (m)	8.6							
Monitoring Depth (m)	1.0		4.3		7.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.4	27.4	27.3	27.3	27.42	-
Salinity (ppt)	26.6	26.5	28.5	27.8	30.2	30.3	28.33	-
pH	6.9	6.9	6.9	6.9	7.0	7.0	6.93	
D.O. Saturation (%)	83.3	82.5	84.5	85.6	86.1	85.6	84.60	-
D.O. (mg/L)	5.7	5.6	5.7	5.8	5.8	5.7	5.71	5.74
Turbidity (NTU)	8.4	8.2	9.5	9.5	12.3	12.1	10.00	-
SS (mg/L)	7.0	6.0	13.0	11.0	12.0	11.0	10.00	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	19:28-19:30						Northing	Easting
Water Depth (m)	14.1						22.21.271	113.55.437
Monitoring Depth (m)	1.0		7.0		13.1			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.5	27.4	27.4	27.4	27.50	-
Salinity (ppt)	27.8	27.7	30.3	7.2	31.2	31.3	29.81	-
pH	7.1	7.1	7.2	7.2	7.2	7.2	7.15	
D.O. Saturation (%)	87.7	88.0	88.9	88.5	89.8	88.7	88.60	-
D.O. (mg/L)	5.9	5.9	5.9	5.9	6.0	5.9	5.91	5.93
Turbidity (NTU)	6.5	6.2	9.5	9.1	12.0	11.9	9.20	-
SS (mg/L)	7.0	8.0	7.0	8.0	6.0	6.0	7.00	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	18:51-18:52							
Water Depth (m)	5.3							
Monitoring Depth (m)	1.0		2.7		4.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	-	-	27.3	27.3	27.44	-
Salinity (ppt)	27.3	27.5	-	-	30.3	30.3	28.83	-
pH	7.0	7.0	-	-	7.0	7.1	7.02	
D.O. Saturation (%)	84.3	85.0	-	-	85.9	84.6	84.95	-
D.O. (mg/L)	5.7	5.7	-	-	5.7	5.7	5.71	5.70
Turbidity (NTU)	12.5	12.6	-	-	22.2	22.6	17.48	-
SS (mg/L)	10.0	11.0	-	-	9.0	10.0	#DIV/0!	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.7	5.7	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.8	5.8	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	9.0	9.0	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	8.2	8.2	N	N	N	N	N	N	N	N	#DIV/0!	#DIV/0!

Sampling Date	02/10/2008
Weather & Ambient Temperature	Sunny, 29C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	14:40-14:43							
Water Depth (m)	20.6							
Monitoring Depth (m)	1.0		10.3		19.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	28.0	27.8	27.8	27.7	27.7	27.81	-
Salinity (ppt)	28.1	28.1	29.9	29.9	31.3	31.3	29.77	-
pH	7.1	7.1	7.2	7.2	7.2	7.2	7.15	
D.O. Saturation (%)	82.3	82.8	82.6	81.7	83.6	83.3	82.72	-
D.O. (mg/L)	5.6	5.6	5.5	5.5	5.6	5.5	5.53	5.54
Turbidity (NTU)	4.4	4.6	4.8	5.0	5.5	5.8	5.02	-
SS (mg/L)	4.0	2.0	3.0	3.0	7.0	5.0	4.00	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	13:59-14:01							
Water Depth (m)	7.8							
Monitoring Depth (m)	1.0		3.9		6.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.9	27.7	27.8	27.7	27.7	27.76	-
Salinity (ppt)	26.4	26.4	29.2	29.4	30.5	30.6	28.73	-
pH	7.2	7.2	7.2	7.2	7.2	7.2	7.21	
D.O. Saturation (%)	83.2	81.6	83.8	83.9	85.7	84.2	83.73	-
D.O. (mg/L)	5.7	5.6	5.6	5.6	5.7	5.6	5.63	5.65
Turbidity (NTU)	3.9	3.9	4.8	4.5	5.1	5.2	4.57	-
SS (mg/L)	2.0	2.0	3.0	4.0	4.0	3.0	3.00	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	14:09-14:11						Northing	Easting
Water Depth (m)	6.2						22.21.455	113.53.832
Monitoring Depth (m)	1.0		3.1		5.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.7	27.7	27.7	27.7	27.73	-
Salinity (ppt)	30.3	30.3	30.6	30.5	30.9	30.9	30.58	-
pH	7.2	7.2	7.2	7.2	7.2	7.2	7.22	
D.O. Saturation (%)	82.2	82.9	81.8	82.4	82.9	83.7	82.65	-
D.O. (mg/L)	5.5	5.5	5.4	5.5	5.5	5.55	5.50	5.53
Turbidity (NTU)	4.8	4.7	5.6	5.8	6.7	6.5	5.68	-
SS (mg/L)	6.0	5.0	5.0	4.0	4.0	4.0	4.67	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	13:39-13:41							
Water Depth (m)	9.2							
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.9	27.7	27.7	27.7	27.7	27.76	-
Salinity (ppt)	26.6	26.6	28.6	28.6	30.1	30.1	28.45	-
pH	7.3	7.3	7.3	7.3	7.4	7.4	7.30	
D.O. Saturation (%)	80.3	79.5	80.9	81.3	82.5	82.5	81.17	-
D.O. (mg/L)	5.4	5.4	5.4	5.5	5.5	5.5	5.46	5.50
Turbidity (NTU)	4.8	4.9	5.3	5.5	6.1	5.9	5.42	-
SS (mg/L)	4.0	4.0	4.0	5.0	6.0	5.0	4.67	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	13:50-13:52						Northing	Easting
Water Depth (m)	7.4						22.20.655	113.58.656
Monitoring Depth (m)	1.0		3.7		6.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.7	27.7	27.6	27.6	27.71	-
Salinity (ppt)	30.3	30.2	30.8	30.6	31.1	31.0	30.65	-
pH	7.2	7.2	7.2	7.2	7.2	7.2	7.16	
D.O. Saturation (%)	83.0	82.3	80.9	81.3	86.2	85.9	83.27	-
D.O. (mg/L)	5.5	5.5	5.4	5.4	5.7	5.69	5.54	5.71
Turbidity (NTU)	4.2	4.4	4.7	4.7	5.2	5.4	4.77	-
SS (mg/L)	4.0	5.0	3.0	4.0	4.0	4.0	4.00	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	14:18-14:19							
Water Depth (m)	5.5							
Monitoring Depth (m)	1.0		2.8		4.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.2	28.2	-	-	27.8	27.8	27.98	-
Salinity (ppt)	25.8	25.7	-	-	30.7	30.6	28.21	-
pH	7.2	7.2	-	-	7.3	7.3	7.22	
D.O. Saturation (%)	84.1	83.4	-	-	84.8	84.3	84.15	-
D.O. (mg/L)	5.7	5.7	-	-	5.6	5.6	5.66	5.63
Turbidity (NTU)	3.5	3.4	-	-	4.1	4.2	3.80	-
SS (mg/L)	4.0	5.0	-	-	4.0	4.0	4.25	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.5	5.5	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.5	5.5	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	6.5	6.5	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	5.2	5.2	N	N	N	N	N	N	N	N	N	N

Sampling Date	02/10/2008
Weather & Ambient Temperature	Sunny, 28C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	8:31-8:33							
Water Depth (m)	16.0							
Monitoring Depth (m)	1.0		8.0		15.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.8	27.5	27.5	27.5	27.5	27.61	-
Salinity (ppt)	30.5	30.5	31.1	31.1	31.4	31.5	31.02	-
pH	7.4	7.3	7.3	7.3	7.3	7.3	7.32	
D.O. Saturation (%)	81.2	80.7	77.2	78.0	78.3	78.9	79.05	-
D.O. (mg/L)	5.4	5.4	5.1	5.2	5.2	5.2	5.24	5.21
Turbidity (NTU)	2.2	2.1	2.5	2.6	3.2	3.5	2.68	-
SS (mg/L)	3.0	3.0	3.0	3.0	4.0	3.0	3.17	-
Remarks	No dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	9:51-9:53							
Water Depth (m)	6.6							
Monitoring Depth (m)	1.0		3.3		5.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	27.9	27.6	27.6	27.5	27.5	27.67	-
Salinity (ppt)	27.0	27.0	31.6	31.6	32.2	32.2	30.25	-
pH	7.3	7.3	7.4	7.4	7.4	7.4	7.37	
D.O. Saturation (%)	88.7	89.7	87.8	87.5	88.8	89.2	88.62	-
D.O. (mg/L)	6.0	6.0	5.8	5.8	5.9	5.9	5.89	5.87
Turbidity (NTU)	4.6	4.7	5.4	5.3	5.8	5.6	5.23	-
SS (mg/L)	5.0	5.0	6.0	5.0	6.0	5.0	5.33	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	9:16-9:18							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.6	27.6	27.6	27.6	27.67	-
Salinity (ppt)	26.0	26.0	29.2	29.2	30.5	30.5	28.54	-
pH	7.2	7.2	7.2	7.2	7.3	7.3	7.22	
D.O. Saturation (%)	83.5	82.2	83.3	85.0	86.2	84.4	84.10	-
D.O. (mg/L)	5.7	5.6	5.6	5.7	5.7	5.6	5.65	5.67
Turbidity (NTU)	3.3	3.4	3.7	3.8	4.6	4.4	3.87	-
SS (mg/L)	4.0	4.0	3.0	2.0	5.0	4.0	3.67	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	9:04-9:07						Northing	Easting
Water Depth (m)	6.6						22.19.448	113.54.829
Monitoring Depth (m)	1.0		3.3		5.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.6	27.6	27.5	27.5	27.60	-
Salinity (ppt)	30.1	30.0	30.5	30.5	31.0	31.0	30.52	-
pH	7.1	7.1	7.1	7.1	7.1	7.1	7.11	
D.O. Saturation (%)	85.9	86.2	84.3	84.1	88.7	87.2	86.07	-
D.O. (mg/L)	5.7	5.7	5.6	5.6	5.9	5.8	5.72	5.83
Turbidity (NTU)	4.5	4.7	4.2	4.2	5.0	5.2	4.63	-
SS (mg/L)	6.0	7.0	6.0	6.0	3.0	4.0	5.33	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	9:24-9:26							
Water Depth (m)	9.2							
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.9	27.6	27.6	27.6	27.6	27.67	-
Salinity (ppt)	25.9	25.9	28.7	28.7	30.0	30.1	28.20	-
pH	7.2	7.2	7.3	7.3	7.3	7.3	7.25	
D.O. Saturation (%)	79.5	79.9	81.0	81.4	82.7	82.9	81.23	-
D.O. (mg/L)	5.4	5.4	5.4	5.5	5.5	5.5	5.46	5.53
Turbidity (NTU)	5.7	5.8	6.5	6.2	7.5	7.4	6.52	-
SS (mg/L)	5.0	6.0	7.0	6.0	6.0	6.0	6.00	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	9:34-9:36						Northing	Easting
Water Depth (m)	7.2						22.20.649	113.53.656
Monitoring Depth (m)	1.0		3.6		6.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.7	27.6	27.6	27.6	27.6	27.65	-
Salinity (ppt)	29.8	29.8	30.5	30.3	30.9	30.9	30.36	-
pH	7.2	7.2	7.2	7.2	7.2	7.2	7.21	
D.O. Saturation (%)	84.6	84.5	83.4	83.1	85.4	85.1	84.35	-
D.O. (mg/L)	5.6	5.6	5.5	5.5	5.7	5.7	5.61	5.66
Turbidity (NTU)	3.9	3.8	4.2	4.5	5.5	5.6	4.58	-
SS (mg/L)	4.0	5.0	5.0	4.0	4.0	5.0	4.50	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	8:56-8;58							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	28.1	-	-	27.6	27.6	27.85	-
Salinity (ppt)	25.1	25.1	-	-	30.4	30.3	27.73	-
pH	7.2	7.2	-	-	7.3	7.3	7.23	
D.O. Saturation (%)	83.7	84.1	-	-	86.6	86.9	85.33	-
D.O. (mg/L)	5.7	5.7	-	-	5.8	5.8	5.74	5.78
Turbidity (NTU)	3.6	3.8	-	-	4.3	4.5	4.05	-
SS (mg/L)	6.0	6.0	-	-	5.0	5.0	5.50	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.5	5.5	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.6	5.6	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	5.1	5.1	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	5.5	5.5	N	N	N	N	N	N	N	N	N	N

Sampling Date	03/10/2008
Weather & Ambient Temperature	Cloudy, 28C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	9:26-9:27							
Water Depth (m)	7.0							
Monitoring Depth (m)	1.0		3.5		6.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.5	27.5	27.4	27.4	27.52	-
Salinity (ppt)	29.1	29.1	30.6	30.8	31.5	31.5	30.41	-
pH	7.2	7.2	7.2	7.2	7.2	7.2	7.23	
D.O. Saturation (%)	87.7	89.5	85.0	84.6	85.8	86.7	86.55	-
D.O. (mg/L)	5.9	6.0	5.7	5.6	5.7	5.8	5.79	5.74
Turbidity (NTU)	4.3	4.1	4.9	4.8	5.2	5.1	4.73	-
SS (mg/L)	4.0	6.0	6.0	5.0	6.0	6.0	5.50	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	10:07-10:08							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.6	27.6	27.5	27.5	27.5	27.57	-
Salinity (ppt)	27.5	27.7	28.2	28.3	29.7	29.6	28.49	-
pH	7.1	7.1	7.1	7.1	7.1	7.1	7.08	
D.O. Saturation (%)	89.4	88.3	89.3	88.1	91.2	89.2	89.25	-
D.O. (mg/L)	6.1	6.0	6.0	6.0	6.1	6.0	6.03	6.06
Turbidity (NTU)	7.1	7.2	7.2	7.2	7.4	7.6	7.28	-
SS (mg/L)	7.1	7.2	7.2	7.2	7.4	7.6	7.28	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	9:58-10:00						Northing	Easting
Water Depth (m)	6.4						22.19.452	113.54.838
Monitoring Depth (m)	1.0		3.2		5.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.6	27.5	27.4	27.5	27.5	27.53	-
Salinity (ppt)	28.0	28.6	30.6	30.7	31.0	30.9	29.97	-
pH	7.2	7.2	7.2	7.2	7.2	7.2	7.18	
D.O. Saturation (%)	86.9	86.3	86.3	86.1	86.2	86.0	86.30	-
D.O. (mg/L)	5.9	5.8	5.8	5.8	5.8	5.74	5.79	5.75
Turbidity (NTU)	6.3	6.2	6.5	6.8	7.2	7.5	6.75	-
SS (mg/L)	7.0	6.0	8.0	9.0	7.0	7.0	7.33	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	9:48-9:49							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.7	27.5	27.5	27.5	27.59	-
Salinity (ppt)	26.7	26.7	27.4	28.6	28.8	30.7	28.14	-
pH	7.0	7.0	7.0	7.0	7.0	7.1	7.02	
D.O. Saturation (%)	86.8	88.2	86.2	88.5	87.1	88.7	87.58	-
D.O. (mg/L)	5.9	6.0	5.9	6.0	5.9	5.9	5.93	5.91
Turbidity (NTU)	5.7	5.8	6.2	6.2	6.3	6.1	6.05	-
SS (mg/L)	5.7	5.8	6.2	6.2	6.3	6.1	6.05	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	9:39-9:40						Northing	Easting
Water Depth (m)	7.8						22.20.651	113.53.650
Monitoring Depth (m)	1.0		3.9		6.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.5	27.5	27.4	27.4	27.57	-
Salinity (ppt)	28.0	27.9	30.6	30.5	31.4	31.5	30.00	-
pH	7.2	7.2	7.3	7.3	7.3	7.3	7.25	
D.O. Saturation (%)	91.6	91.6	92.4	92.8	93.7	92.6	92.45	-
D.O. (mg/L)	6.2	6.2	6.2	6.2	6.2	6.16	6.18	6.20
Turbidity (NTU)	4.7	4.7	5.1	5.5	5.8	5.9	5.28	-
SS (mg/L)	4.0	6.0	6.0	7.0	6.0	7.0	6.00	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	10:15-10:16							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	-	-	27.4	27.4	27.51	-
Salinity (ppt)	27.5	27.7	-	-	30.4	30.4	29.01	-
pH	7.1	7.1	-	-	7.1	7.2	7.12	
D.O. Saturation (%)	88.2	88.6	-	-	89.8	88.5	88.78	-
D.O. (mg/L)	6.0	6.0	-	-	6.0	5.9	5.98	5.97
Turbidity (NTU)	7.4	7.5	-	-	7.8	7.6	7.58	-
SS (mg/L)	5.0	5.0	-	-	7.0	6.0	5.75	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.7	5.7	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.8	5.8	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	6.2	6.2	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	7.2	7.2	N	N	N	N	N	N	N	N	N	N

Sampling Date	03/10/2008
Weather & Ambient Temperature	Sunny, 28C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	14:06-14:07							
Water Depth (m)	19.0							
Monitoring Depth (m)	1.0		9.5		18.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.5	27.5	27.4	27.4	27.54	-
Salinity (ppt)	29.1	29.2	31.1	30.8	31.9	31.7	30.62	-
pH	7.2	7.2	7.3	7.2	7.2	7.3	7.23	
D.O. Saturation (%)	85.9	87.1	84.6	82.4	84.9	86.4	85.22	-
D.O. (mg/L)	5.8	5.9	5.6	5.5	5.6	5.8	5.69	5.70
Turbidity (NTU)	5.9	6.2	6.8	6.8	7.7	7.9	6.88	-
SS (mg/L)	6.0	6.0	6.0	6.0	6.0	7.0	6.17	-
Remarks	No dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	10:29-10:30							
Water Depth (m)	16.2							
Monitoring Depth (m)	1.0		8.1		15.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.6	27.4	27.3	27.3	27.3	27.41	-
Salinity (ppt)	29.0	28.3	30.4	30.5	32.7	32.6	30.58	-
pH	7.0	7.0	7.1	7.1	7.1	7.1	7.08	
D.O. Saturation (%)	92.7	93.5	94.3	93.2	95.2	94.0	93.82	-
D.O. (mg/L)	6.2	6.3	6.3	6.2	6.3	6.2	6.27	6.27
Turbidity (NTU)	7.1	7.3	7.3	7.2	7.5	7.8	7.37	-
SS (mg/L)	4.0	5.0	7.0	8.0	6.0	5.0	5.83	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	14:41-14:42						Northing	Easting
Water Depth (m)	6.8						22.19.454	113.54.836
Monitoring Depth (m)	1.0		3.4		5.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.4	27.4	27.4	27.4	27.48	-
Salinity (ppt)	27.9	28.0	30.6	30.6	30.8	31.0	29.82	-
pH	7.1	7.2	7.2	7.2	7.2	7.2	7.17	
D.O. Saturation (%)	89.1	88.4	87.1	87.8	88.3	87.5	88.03	-
D.O. (mg/L)	6.0	6.0	5.8	5.9	5.9	5.9	5.90	5.87
Turbidity (NTU)	7.3	7.2	7.5	7.8	8.4	8.3	7.75	-
SS (mg/L)	4.0	6.0	5.0	6.0	6.0	5.0	5.33	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	15:06-15:08						Northing	Easting
Water Depth (m)	8.1						22.20.649	113.53.649
Monitoring Depth (m)	1.0		4.0		7.1			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.5	27.6	27.5	27.5	27.64	-
Salinity (ppt)	27.8	27.7	30.4	30.4	31.3	31.3	29.88	-
pH	7.1	7.1	7.3	7.3	7.3	7.3	7.24	
D.O. Saturation (%)	92.3	91.2	92.0	91.3	91.3	92.4	91.75	-
D.O. (mg/L)	6.2	6.2	6.2	6.1	6.1	6.2	6.15	6.13
Turbidity (NTU)	6.9	6.8	7.5	7.9	7.8	8.1	7.50	-
SS (mg/L)	6.0	6.0	5.0	6.0	5.0	6.0	5.67	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	14:32-14:33							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.5	27.5	27.4	27.4	27.47	-
Salinity (ppt)	27.6	27.6	28.2	28.2	30.6	30.0	28.70	-
pH	7.1	7.1	7.1	7.1	7.1	7.1	7.09	
D.O. Saturation (%)	89.0	89.3	88.1	89.8	91.8	88.8	89.47	-
D.O. (mg/L)	6.0	6.1	6.0	6.1	6.1	6.0	6.04	6.05
Turbidity (NTU)	8.1	7.9	7.9	7.7	8.2	8.4	8.03	-
SS (mg/L)	6.0	5.0	4.0	5.0	6.0	6.0	5.33	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	14:53-14:54							
Water Depth (m)	8.6							
Monitoring Depth (m)	1.0		4.3		7.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.6	27.5	27.4	27.4	27.4	27.49	-
Salinity (ppt)	26.8	26.7	28.0	28.7	30.5	30.4	28.52	-
pH	7.0	7.0	7.0	7.0	7.1	7.1	7.03	
D.O. Saturation (%)	87.2	86.1	89.5	88.4	89.5	89.7	88.40	-
D.O. (mg/L)	5.9	5.9	6.1	6.0	6.0	6.0	5.97	6.01
Turbidity (NTU)	7.1	7.1	7.2	7.2	7.5	7.3	7.23	-
SS (mg/L)	5.0	7.0	4.0	5.0	8.0	6.0	5.83	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	14:23-14:24							
Water Depth (m)	5.7							
Monitoring Depth (m)	1.0		2.9		4.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.6	-	-	27.4	27.5	27.55	-
Salinity (ppt)	28.0	28.5	-	-	30.4	30.3	29.29	-
pH	7.1	7.1	-	-	7.1	7.1	7.09	
D.O. Saturation (%)	88.6	92.2	-	-	95.2	92.6	92.15	-
D.O. (mg/L)	6.0	6.2	-	-	6.4	6.2	6.20	6.29
Turbidity (NTU)	7.4	7.7	-	-	8.2	8.4	7.93	-
SS (mg/L)	6.0	5.0	-	-	5.0	4.0	5.00	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	6.0	6.0	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	6.0	6.0	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	9.3	9.3	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	7.8	7.8	N	N	N	N	N	N	N	N	N	N

Sampling Date	04/10/2008
Weather & Ambient Temperature	Cloudy, 30C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	14:47-14:51							
Water Depth (m)	18.4							
Monitoring Depth (m)	1.0		9.2		17.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.7	30.0	28.4	28.4	26.9	26.9	28.38	-
Salinity (ppt)	24.3	23.8	27.6	27.6	31.1	31.1	27.57	-
pH	8.0	8.0	8.0	8.0	8.0	8.0	8.02	
D.O. Saturation (%)	103.5	102.9	83.7	83.1	79.0	79.1	88.55	-
D.O. (mg/L)	6.9	6.9	5.6	5.5	5.3	5.3	5.89	5.26
Turbidity (NTU)	5.0	5.1	5.1	5.3	7.8	7.8	6.02	-
SS (mg/L)	7.0	7.0	8.0	10.0	7.0	8.0	7.83	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	14:17-14:19							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	30.9	31.1	28.9	29.0	28.7	28.8	29.55	-
Salinity (ppt)	16.5	16.3	25.8	25.5	26.6	26.0	22.78	-
pH	8.1	8.1	7.9	7.9	8.0	7.9	7.98	
D.O. Saturation (%)	105.8	111.2	83.8	84.1	87.6	89.5	93.67	-
D.O. (mg/L)	7.2	7.5	5.6	5.6	5.8	6.0	6.28	5.90
Turbidity (NTU)	5.1	5.0	5.8	5.8	6.1	6.1	5.65	-
SS (mg/L)	6.0	6.0	6.0	6.0	6.0	7.0	6.17	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	13:46-13:49						Northing	Easting
Water Depth (m)	17.0						22.19.457	113.54.850
Monitoring Depth (m)	1.0		8.5		16.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.9	30.1	28.6	28.6	27.3	27.2	28.60	-
Salinity (ppt)	23.3	23.0	26.8	27.0	30.3	30.5	26.81	-
pH	8.0	8.0	8.0	8.0	8.0	8.0	8.00	
D.O. Saturation (%)	99.7	102.2	79.0	80.4	73.3	76.1	85.12	-
D.O. (mg/L)	6.7	6.8	5.2	5.3	4.9	5.05	5.66	4.96
Turbidity (NTU)	6.0	5.9	7.0	7.1	8.3	8.3	7.10	-
SS (mg/L)	6.0	7.0	8.0	6.0	7.0	6.0	6.67	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	14:08-14:09							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	31.2	31.1	30.3	30.5	29.5	29.1	30.27	-
Salinity (ppt)	16.2	16.5	19.0	18.1	20.8	25.5	19.33	-
pH	8.1	8.1	8.0	8.0	8.0	7.9	8.01	
D.O. Saturation (%)	123.9	123.3	98.4	94.2	86.8	91.6	103.03	-
D.O. (mg/L)	8.4	8.4	6.6	6.4	5.9	6.1	6.96	5.98
Turbidity (NTU)	5.7	5.8	8.3	8.1	9.5	9.3	7.78	-
SS (mg/L)	5.0	7.0	7.0	8.0	8.0	8.0	7.17	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	13:36-13:39						Northing	Easting
Water Depth (m)	12.2						22.20.650	113.53.659
Monitoring Depth (m)	1.0		6.1		11.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	30.3	30.3	29.1	29.2	27.6	27.5	29.00	-
Salinity (ppt)	22.7	22.7	26.1	25.7	30.2	30.2	26.26	-
pH	8.1	8.0	8.0	8.0	8.0	8.0	8.01	
D.O. Saturation (%)	108.5	106.6	89.2	89.0	80.4	80.4	92.35	-
D.O. (mg/L)	7.2	7.1	5.9	5.9	5.3	5.33	6.14	5.33
Turbidity (NTU)	5.7	5.6	6.5	6.4	7.1	7.4	6.45	-
SS (mg/L)	8.0	8.0	8.0	7.0	8.0	7.0	7.67	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	14:26-14:28							
Water Depth (m)	5.5							
Monitoring Depth (m)	1.0		2.8		4.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	30.0	30.2	-	-	28.9	28.9	29.49	-
Salinity (ppt)	21.4	20.7	-	-	25.8	25.9	23.45	-
pH	7.9	8.0	-	-	7.8	7.9	7.90	
D.O. Saturation (%)	100.1	102.6	-	-	80.2	88.3	92.80	-
D.O. (mg/L)	6.7	6.9	-	-	5.3	5.9	6.21	5.60
Turbidity (NTU)	6.4	6.3	-	-	8.7	8.6	7.50	-
SS (mg/L)	8.0	6.0	-	-	6.0	7.0	6.75	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.3	5.3	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.9	5.9	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	7.8	7.8	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	10.2	10.2	N	N	N	N	N	N	N	N	N	N

Sampling Date	04/10/2008
Weather & Ambient Temperature	Cloudy, 30C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	11:01-11:04							
Water Depth (m)	16.4							
Monitoring Depth (m)	1.0		8.2		15.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.9	29.9	28.7	28.1	26.9	26.9	28.42	-
Salinity (ppt)	23.8	23.8	27.1	28.4	31.1	31.1	27.54	-
pH	8.0	8.0	8.0	8.0	8.0	7.9	7.99	
D.O. Saturation (%)	103.3	102.6	83.8	82.0	78.6	80.2	88.42	-
D.O. (mg/L)	6.9	6.8	5.6	5.4	5.2	5.3	5.88	5.29
Turbidity (NTU)	5.1	5.2	5.7	5.6	7.3	7.5	6.07	-
SS (mg/L)	7.0	8.0	7.0	7.0	9.0	10.0	8.00	-
Remarks	No dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	9:44-9:45							
Water Depth (m)	7.0							
Monitoring Depth (m)	1.0		3.5		6.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	31.0	31.1	30.5	30.3	28.8	29.9	30.27	-
Salinity (ppt)	17.5	17.7	19.7	20.0	27.1	23.7	20.96	-
pH	8.1	8.1	8.0	8.0	7.9	8.0	8.01	
D.O. Saturation (%)	126.7	127.8	106.0	106.1	95.0	100.8	110.40	-
D.O. (mg/L)	8.6	8.7	7.1	7.1	6.3	6.7	7.42	6.52
Turbidity (NTU)	5.0	5.1	5.7	5.8	7.2	7.1	5.98	-
SS (mg/L)	9.0	8.0	8.0	7.0	8.0	8.0	8.00	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	10:10-10:13							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	30.7	30.8	28.8	28.9	28.5	28.5	29.38	-
Salinity (ppt)	17.0	16.7	26.0	26.1	27.2	27.1	23.35	-
pH	8.0	8.0	7.9	8.0	7.9	7.9	7.97	
D.O. Saturation (%)	109.0	106.2	83.4	81.5	85.6	87.8	92.25	-
D.O. (mg/L)	7.4	7.2	5.6	5.4	5.7	5.8	6.18	5.77
Turbidity (NTU)	5.2	5.3	6.3	6.1	7.0	6.9	6.13	-
SS (mg/L)	6.0	6.0	6.0	6.0	6.0	7.0	6.17	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	10:37-10:41						Northing	Easting
Water Depth (m)	16.6						22.19.452	113.54.838
Monitoring Depth (m)	1.0		8.3		15.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	30.0	29.9	28.7	28.8	27.2	27.2	28.64	-
Salinity (ppt)	23.0	23.2	27.1	26.7	30.4	30.4	26.79	-
pH	8.0	8.0	8.0	8.0	8.0	7.9	7.96	
D.O. Saturation (%)	102.1	101.7	81.4	81.8	77.0	79.5	87.25	-
D.O. (mg/L)	6.8	6.8	5.4	5.4	5.1	5.3	5.80	5.20
Turbidity (NTU)	5.8	5.8	6.8	6.9	9.4	9.5	7.37	-
SS (mg/L)	7.0	7.0	6.0	6.0	7.0	6.0	6.50	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	10:01-10:03							
Water Depth (m)	9.8							
Monitoring Depth (m)	1.0		4.9		8.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	31.0	31.2	30.5	30.2	29.0	28.9	30.15	-
Salinity (ppt)	16.4	16.2	18.0	20.0	25.7	26.1	20.40	-
pH	8.1	8.1	8.1	8.0	8.0	8.0	8.02	
D.O. Saturation (%)	117.0	118.6	100.6	99.4	89.8	89.1	102.42	-
D.O. (mg/L)	8.0	8.1	6.8	6.7	6.0	5.9	6.90	5.96
Turbidity (NTU)	5.6	5.6	8.2	8.0	10.0	10.0	7.90	-
SS (mg/L)	5.0	7.0	7.0	8.0	8.0	8.0	7.17	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	10:48-10:51						Northing	Easting
Water Depth (m)	11.4						22.20.650	113.53.656
Monitoring Depth (m)	1.0		5.7		10.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	30.4	30.4	28.9	29.1	27.5	27.6	28.99	-
Salinity (ppt)	22.7	22.7	26.3	8.0	30.2	30.2	26.28	-
pH	8.0	8.0	8.0	8.0	8.0	8.0	8.01	
D.O. Saturation (%)	107.1	108.8	85.4	86.3	78.8	77.4	90.63	-
D.O. (mg/L)	7.1	7.3	5.7	5.7	5.2	5.1	6.02	5.18
Turbidity (NTU)	5.7	5.7	6.5	6.3	7.5	7.3	6.50	-
SS (mg/L)	6.0	6.0	7.0	8.0	10.0	11.0	8.00	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	10:20-10:21							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	30.1	29.9	-	-	28.8	28.9	29.43	-
Salinity (ppt)	20.9	21.5	-	-	26.1	26.0	23.63	-
pH	8.0	8.0	-	-	7.9	7.9	7.93	
D.O. Saturation (%)	98.1	97.5	-	-	82.0	85.4	90.75	-
D.O. (mg/L)	6.6	6.5	-	-	5.4	5.7	6.06	5.56
Turbidity (NTU)	6.6	6.7	-	-	9.4	9.3	8.00	-
SS (mg/L)	5.0	6.0	-	-	7.0	7.0	6.25	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.9	5.9	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	6.7	6.7	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	7.8	7.8	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	10.4	10.4	N	N	N	N	N	N	N	N	N	N

Sampling Date	05/10/2008
Weather & Ambient Temperature	Rainy, 28C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	12:17-12;19							
Water Depth (m)	18.2							
Monitoring Depth (m)	1.0		9.1		17.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.7	27.7	27.7	27.6	27.7	27.68	-
Salinity (ppt)	25.5	26.4	28.3	28.7	29.5	29.5	27.96	-
pH	6.9	6.9	6.9	6.8	7.0	6.8	6.87	
D.O. Saturation (%)	83.0	82.0	82.4	81.6	83.9	81.5	82.40	-
D.O. (mg/L)	5.7	5.6	5.5	5.5	5.6	5.4	5.55	5.53
Turbidity (NTU)	7.7	7.4	9.1	9.2	10.7	10.3	9.07	-
SS (mg/L)	9.0	6.0	9.0	8.0	12.0	9.0	8.83	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	11:49-11:51							
Water Depth (m)	7.8							
Monitoring Depth (m)	1.0		3.9		6.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.8	27.7	27.7	27.7	27.76	-
Salinity (ppt)	21.6	18.4	26.1	26.4	27.0	27.3	24.45	-
pH	7.0	6.9	7.0	7.0	7.0	7.0	6.99	
D.O. Saturation (%)	80.5	81.8	79.9	80.8	81.7	81.4	81.02	-
D.O. (mg/L)	5.6	5.8	5.4	5.5	5.5	5.5	5.56	5.52
Turbidity (NTU)	11.2	11.1	8.2	8.2	9.4	9.1	9.53	-
SS (mg/L)	12.0	12.0	13.0	13.0	9.0	10.0	11.50	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	11:41-11:43						Northing	Easting
Water Depth (m)	18.8						22.21.808	113.54.619
Monitoring Depth (m)	1.0		9.4		17.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.7	27.7	27.7	27.7	27.75	-
Salinity (ppt)	18.1	19.3	26.6	26.6	27.9	28.9	24.57	-
pH	6.9	6.9	7.0	6.9	6.9	7.0	6.93	
D.O. Saturation (%)	81.3	81.5	79.4	79.1	79.2	78.4	79.82	-
D.O. (mg/L)	5.8	5.8	5.4	5.4	5.3	5.25	5.48	5.29
Turbidity (NTU)	11.4	11.3	8.7	8.5	9.1	9.3	9.72	-
SS (mg/L)	12.0	14.0	14.0	12.0	11.0	13.0	12.67	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	11:30-11:31							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.7	27.7	27.7	27.7	27.73	-
Salinity (ppt)	20.5	21.9	25.5	25.5	25.7	25.8	24.14	-
pH	6.9	6.9	6.9	6.9	6.9	6.9	6.87	
D.O. Saturation (%)	82.2	81.7	82.2	81.2	81.3	83.9	82.08	-
D.O. (mg/L)	5.8	5.7	5.6	5.5	5.5	5.7	5.64	5.63
Turbidity (NTU)	10.4	10.1	8.4	8.1	8.7	8.8	9.08	-
SS (mg/L)	9.0	8.0	10.0	11.0	11.0	12.0	10.17	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	11:21-11:23						Northing	Easting
Water Depth (m)	15.2						22.21.304	113.55.025
Monitoring Depth (m)	1.0		7.6		14.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.7	27.7	27.7	27.7	27.72	-
Salinity (ppt)	20.1	21.7	25.7	25.6	30.1	26.7	24.97	-
pH	6.9	6.9	6.8	6.9	6.9	6.8	6.84	
D.O. Saturation (%)	80.7	80.8	80.4	79.7	81.2	80.4	80.53	-
D.O. (mg/L)	5.7	5.6	5.5	5.4	5.4	5.45	5.51	5.43
Turbidity (NTU)	9.9	9.6	8.7	9.0	11.0	10.5	9.78	-
SS (mg/L)	11.0	11.0	8.0	9.0	11.0	13.0	10.50	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	11:58-11:59							
Water Depth (m)	5.2							
Monitoring Depth (m)	1.0		2.6		4.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	-	-	27.7	27.7	27.77	-
Salinity (ppt)	20.7	21.3	-	-	26.1	26.2	23.57	-
pH	7.0	7.0	-	-	7.0	7.0	6.95	
D.O. Saturation (%)	81.3	81.5	-	-	80.8	81.0	81.15	-
D.O. (mg/L)	5.7	5.7	-	-	5.5	5.5	5.59	5.50
Turbidity (NTU)	11.0	10.6	-	-	9.3	9.1	10.00	-
SS (mg/L)	9.0	9.0	-	-	12.0	11.0	10.25	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.5	5.5	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.6	5.6	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	11.8	NA	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	11.5	11.5	N	N	N	N	N	N	N	N	N	N

Sampling Date	05/10/2008
Weather & Ambient Temperature	Rainy, 28C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	16:19-16:21							
Water Depth (m)	15.6							
Monitoring Depth (m)	1.0		7.8		14.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.6	27.7	27.7	27.7	27.6	27.62	-
Salinity (ppt)	23.3	24.3	28.5	28.2	29.3	29.6	27.19	-
pH	6.9	6.9	6.9	7.0	6.9	6.9	6.93	
D.O. Saturation (%)	85.5	85.8	83.6	82.7	84.2	84.6	84.40	-
D.O. (mg/L)	5.9	5.9	5.6	5.6	5.6	5.7	5.72	5.65
Turbidity (NTU)	7.2	7.3	7.9	8.1	9.9	9.5	8.32	-
SS (mg/L)	8.0	8.0	8.0	8.0	10.0	8.0	8.33	-
Remarks	No dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	16:01-16:02							
Water Depth (m)	6.6							
Monitoring Depth (m)	1.0		3.3		5.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.7	27.7	27.7	27.7	27.64	-
Salinity (ppt)	22.8	23.8	27.4	26.5	28.0	28.0	26.07	-
pH	6.9	6.9	6.9	6.9	6.9	6.9	6.90	
D.O. Saturation (%)	84.1	85.3	83.2	83.4	84.4	83.5	83.98	-
D.O. (mg/L)	5.8	5.9	5.6	5.7	5.7	5.6	5.72	5.65
Turbidity (NTU)	7.3	7.2	7.3	6.9	6.8	6.9	7.07	-
SS (mg/L)	7.0	7.0	6.0	6.0	7.0	8.0	6.83	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	15:20-15:22							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.7	27.7	27.7	27.7	27.77	-
Salinity (ppt)	18.9	18.8	25.3	25.6	26.5	26.4	23.58	-
pH	7.0	7.0	7.0	7.0	7.0	7.0	7.00	
D.O. Saturation (%)	81.9	82.2	81.0	80.5	82.0	81.2	81.47	-
D.O. (mg/L)	5.8	5.8	5.5	5.5	5.6	5.5	5.62	5.54
Turbidity (NTU)	10.8	10.9	8.6	8.6	7.9	8.1	9.15	-
SS (mg/L)	14.0	14.0	13.0	12.0	9.0	7.0	11.50	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	15:30-15:32						Northing	Easting
Water Depth (m)	18.4						22.21.802	113.54.617
Monitoring Depth (m)	1.0		9.2		17.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.7	27.7	27.7	27.7	27.75	-
Salinity (ppt)	20.8	19.6	26.3	26.3	28.0	28.0	24.82	-
pH	7.0	7.0	7.0	7.0	7.1	7.0	7.03	
D.O. Saturation (%)	80.9	81.2	80.8	80.5	79.3	80.8	80.58	-
D.O. (mg/L)	5.7	5.7	5.5	5.5	5.3	5.4	5.52	5.39
Turbidity (NTU)	10.2	10.2	8.5	8.5	9.9	9.5	9.47	-
SS (mg/L)	13.0	12.0	13.0	11.0	12.0	12.0	12.17	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	15:49-15:50							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.8	27.7	27.7	27.7	27.7	27.72	-
Salinity (ppt)	17.7	25.1	25.3	25.5	25.6	19.5	23.11	-
pH	7.0	6.9	7.0	6.9	6.9	7.0	6.95	
D.O. Saturation (%)	82.8	82.8	82.1	82.8	84.1	81.7	82.72	-
D.O. (mg/L)	5.9	5.7	5.6	5.7	5.7	5.8	5.72	5.75
Turbidity (NTU)	9.1	8.1	8.0	8.6	8.3	9.1	8.53	-
SS (mg/L)	10.0	8.0	10.0	9.0	10.0	10.0	9.50	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	15:40-15:42						Northing	Easting
Water Depth (m)	14.9						22.21.321	113.53.023
Monitoring Depth (m)	1.0		7.4		13.9			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.7	27.7	27.7	27.7	27.72	-
Salinity (ppt)	20.2	23.3	25.7	25.6	30.2	30.1	25.85	-
pH	7.0	6.9	7.0	7.0	7.0	7.0	6.98	
D.O. Saturation (%)	81.6	81.6	78.3	78.8	79.0	77.9	79.53	-
D.O. (mg/L)	5.7	5.6	5.3	5.4	5.3	5.2	5.42	5.22
Turbidity (NTU)	9.5	9.6	10.3	10.2	13.4	13.8	11.13	-
SS (mg/L)	10.0	9.0	11.0	10.0	10.0	12.0	10.33	-
	No dredging works was observed.							

Station	MP							
Time (hh:mm)	15:11-15:12							
Water Depth (m)	5.4							
Monitoring Depth (m)	1.0		2.7		4.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	-	-	27.7	27.7	27.77	-
Salinity (ppt)	19.4	19.4	-	-	26.3	26.4	22.89	-
pH	7.0	7.0	-	-	7.0	7.0	6.98	
D.O. Saturation (%)	81.8	80.9	-	-	80.4	81.4	81.13	-
D.O. (mg/L)	5.8	5.7	-	-	5.5	5.5	5.61	5.49
Turbidity (NTU)	10.8	10.4	-	-	8.8	8.4	9.60	-
SS (mg/L)	11.0	13.0	-	-	14.0	12.0	12.50	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.6	5.6	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.7	5.7	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	10.0	10.0	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	9.9	9.9	N	N	N	N	N	N	N	N	N	N

Sampling Date	06/10/2008
Weather & Ambient Temperature	Rainy, 26C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	5:51-5:53							
Water Depth (m)	19.2							
Monitoring Depth (m)	1.0		9.6		18.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.1	27.1	27.1	27.1	27.1	27.2	27.12	-
Salinity (ppt)	27.5	27.6	27.6	29.7	29.9	27.4	28.29	-
pH	6.9	6.9	6.8	6.6	6.9	6.9	6.85	
D.O. Saturation (%)	82.6	72.7	76.1	65.8	69.0	80.8	74.50	-
D.O. (mg/L)	5.5	4.8	5.1	4.4	4.6	5.4	4.96	4.99
Turbidity (NTU)	8.2	8.5	8.4	8.7	8.8	8.0	8.43	-
SS (mg/L)	5.0	5.0	8.0	8.0	7.0	8.0	6.83	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	5:24-5:26							
Water Depth (m)	8.6							
Monitoring Depth (m)	1.0		4.3		7.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.1	27.0	27.2	27.2	27.18	-
Salinity (ppt)	20.0	20.2	26.5	26.9	27.7	27.6	24.82	-
pH	7.3	7.3	7.3	7.3	7.3	7.3	7.30	
D.O. Saturation (%)	84.9	84.5	83.6	83.2	84.7	83.9	84.13	-
D.O. (mg/L)	6.0	5.9	5.7	5.7	5.7	5.7	5.78	5.71
Turbidity (NTU)	12.5	12.9	13.5	13.2	14.2	14.2	13.42	-
SS (mg/L)	9.0	9.0	8.0	9.0	10.0	10.0	9.17	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	4:57-4:59						Northing	Easting
Water Depth (m)	7.8						22.21.483	113.53.539
Monitoring Depth (m)	1.0		3.9		6.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.2	27.1	27.5	27.5	27.30	-
Salinity (ppt)	22.0	20.8	27.6	27.5	29.3	29.2	26.05	-
pH	7.1	7.1	7.1	7.2	7.1	7.0	7.11	
D.O. Saturation (%)	83.5	83.9	83.5	83.2	82.0	83.5	83.27	-
D.O. (mg/L)	5.8	5.9	5.7	5.6	5.5	5.61	5.69	5.56
Turbidity (NTU)	12.5	12.3	11.6	11.8	12.3	11.9	12.07	-
SS (mg/L)	9.0	9.0	10.0	10.0	12.0	8.0	9.67	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	5:13-5:15							
Water Depth (m)	9.2							
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.3	27.2	27.7	27.7	27.4	27.50	-
Salinity (ppt)	20.7	18.9	26.4	26.5	26.8	26.8	24.34	-
pH	7.0	7.2	7.2	7.0	6.9	7.1	7.06	
D.O. Saturation (%)	84.4	85.4	85.4	84.8	85.5	86.8	85.38	-
D.O. (mg/L)	5.9	6.1	5.8	5.8	5.8	5.9	5.88	5.86
Turbidity (NTU)	12.1	12.2	11.2	10.8	10.6	10.5	11.23	-
SS (mg/L)	10.0	9.0	10.0	10.0	9.0	8.0	9.33	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	4:46-4:49						Northing	Easting
Water Depth (m)	8.0						22.20.838	113.53.708
Monitoring Depth (m)	1.0		4.0		7.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.2	27.2	27.2	27.2	27.23	-
Salinity (ppt)	24.5	21.4	27.0	26.9	31.4	31.4	27.08	-
pH	7.3	7.3	7.3	7.3	7.3	7.3	7.29	
D.O. Saturation (%)	84.2	84.2	80.9	81.5	81.7	80.6	82.18	-
D.O. (mg/L)	5.8	5.9	5.5	5.5	5.4	5.35	5.58	5.39
Turbidity (NTU)	12.3	12.1	11.6	11.8	13.9	14.0	12.62	-
SS (mg/L)	8.0	9.0	8.0	8.0	12.0	8.0	8.83	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	5:34-5:35							
Water Depth (m)	5.8							
Monitoring Depth (m)	1.0		2.9		4.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.2			27.2	27.2	18.16	-
Salinity (ppt)	20.7	20.6			27.7	27.5	16.08	-
pH	7.0	6.9			6.9	7.0	4.62	
D.O. Saturation (%)	83.6	84.5			84.1	83.1	55.88	-
D.O. (mg/L)	5.9	5.9			5.7	5.6	5.78	5.66
Turbidity (NTU)	13.0	12.6			10.2	10.5	7.72	-
SS (mg/L)	11.0	9.0			9.0	10.0	9.75	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.0	5.0	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.0	5.0	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	11.0	NA	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	8.9	8.9	N	N	N	N	N	N	N	N	N	N

Sampling Date	06/10/2008
Weather & Ambient Temperature	Rainy, 26C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	17:16-17:18							
Water Depth (m)	16.0							
Monitoring Depth (m)	1.0		8.0		15.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.2	27.2	27.1	27.2	27.5	27.2	27.21	-
Salinity (ppt)	25.5	24.5	29.4	29.8	30.8	30.5	28.42	-
pH	7.1	7.1	7.1	7.1	7.0	7.0	7.06	
D.O. Saturation (%)	88.4	88.2	85.4	86.3	87.3	86.9	87.08	-
D.O. (mg/L)	6.1	6.1	5.7	5.8	5.8	5.8	5.88	5.82
Turbidity (NTU)	8.1	7.7	9.6	9.5	15.4	15.9	11.03	-
SS (mg/L)							#DIV/0!	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	16:08-16:10							
Water Depth (m)	7.0							
Monitoring Depth (m)	1.0		3.5		6.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.2	27.2	27.1	27.1	27.1	27.1	27.13	-
Salinity (ppt)	24.0	25.0	27.7	28.6	29.2	29.3	27.30	-
pH	7.0	7.0	7.0	7.0	7.0	7.0	6.99	
D.O. Saturation (%)	86.8	88.0	86.0	85.9	86.2	87.1	86.67	-
D.O. (mg/L)	6.0	6.1	5.8	5.8	5.8	5.9	5.89	5.82
Turbidity (NTU)	8.2	7.8	7.9	8.1	8.4	8.3	8.12	-
SS (mg/L)	5.0	5.0	7.0	6.0	7.0	7.0	6.17	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	16:33-16:35						Northing	Easting
Water Depth (m)	7.4						22.21.481	113.53.537
Monitoring Depth (m)	1.0		3.7		6.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.2	27.3	27.5	27.5	27.32	-
Salinity (ppt)	20.5	19.4	27.8	27.8	29.2	30.1	25.81	-
pH	7.2	7.2	7.2	7.2	7.2	7.1	7.20	
D.O. Saturation (%)	84.2	83.9	81.7	82.1	81.9	81.1	82.48	-
D.O. (mg/L)	5.9	5.9	5.5	5.6	5.5	5.4	5.64	5.46
Turbidity (NTU)	12.5	12.3	12.2	12.7	14.2	13.8	12.95	-
SS (mg/L)	12.0	12.0	11.0	12.0	11.0	8.0	11.00	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	16:22-16:24						Northing	Easting
Water Depth (m)	7.6						22.20.827	113.53.704
Monitoring Depth (m)	1.0		3.8		6.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.2	27.2	27.4	27.4	27.30	-
Salinity (ppt)	21.3	22.9	26.9	26.9	27.9	31.3	26.21	-
pH	7.2	7.3	7.2	7.2	7.1	7.2	7.20	
D.O. Saturation (%)	83.4	83.5	83.1	82.4	83.1	83.8	83.22	-
D.O. (mg/L)	5.9	5.8	5.7	5.6	5.6	5.6	5.68	5.59
Turbidity (NTU)	12.0	11.8	11.8	11.1	14.2	14.3	12.53	-
SS (mg/L)	10.0	11.0	13.0	14.0	10.0	11.0	11.50	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	16:52-16:54							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.2	27.2	27.3	27.3	27.27	-
Salinity (ppt)	19.7	22.8	27.6	27.4	28.2	28.5	25.68	-
pH	7.3	7.3	7.2	7.3	7.2	7.3	7.27	
D.O. Saturation (%)	84.5	83.2	83.5	82.6	84.4	84.0	83.70	-
D.O. (mg/L)	6.0	5.8	5.7	5.6	5.7	5.7	5.73	5.68
Turbidity (NTU)	12.2	12.1	11.6	12.1	12.7	12.8	12.25	-
SS (mg/L)	11.0	12.0	11.0	11.0	12.0	10.0	11.17	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	17:02-17:03							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.2	27.2	27.4	27.4	27.31	-
Salinity (ppt)	23.1	21.8	26.7	26.7	26.9	27.0	25.38	-
pH	7.3	7.3	7.2	7.2	7.2	7.2	7.22	
D.O. Saturation (%)	84.4	84.9	83.8	84.9	84.0	86.6	84.77	-
D.O. (mg/L)	5.9	5.9	5.7	5.8	5.7	5.9	5.81	5.80
Turbidity (NTU)	12.6	12.6	12.9	12.7	14.4	14.9	13.35	-
SS (mg/L)	11.0	9.0	13.0	12.0	13.0	11.0	11.50	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	16:43-16:45							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.2	27.2			27.2	27.2	18.16	-
Salinity (ppt)	22.5	22.0			27.4	27.3	16.53	-
pH	6.7	6.9			6.7	6.8	4.52	
D.O. Saturation (%)	84.1	84.0			83.7	83.5	55.88	-
D.O. (mg/L)	5.8	5.9			5.7	5.7	5.76	5.67
Turbidity (NTU)	12.9	12.6			11.4	11.9	8.13	-
SS (mg/L)	12.0	11.0			12.0	11.0	11.50	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.8	5.8	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.9	5.9	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	12.4	NA	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	#DIV/0!	#DIV/0!	N	N	N	N	N	N	N	N	N	N

Sampling Date	07/10/2008
Weather & Ambient Temperature	Cloudy, 28C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	6:18-6:21							
Water Depth (m)	20.0							
Monitoring Depth (m)	1.0		10.0		19.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	25.9	25.8	25.0	25.0	26.11	-
Salinity (ppt)	16.7	16.7	26.7	26.8	29.7	29.7	24.38	-
pH	7.2	7.2	7.2	7.2	7.1	7.1	7.17	
D.O. Saturation (%)	93.9	93.5	76.1	74.7	72.8	72.3	80.55	-
D.O. (mg/L)	6.6	6.6	5.2	5.1	4.9	4.9	5.55	4.93
Turbidity (NTU)	2.9	2.6	3.6	3.5	4.7	4.8	3.68	-
SS (mg/L)	7.0	7.0	6.0	7.0	8.0	7.0	7.00	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	6:51-6:53							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.2	27.2	26.3	26.3	25.9	26.0	26.49	-
Salinity (ppt)	17.7	17.6	23.8	23.7	26.2	26.3	22.54	-
pH	7.1	7.2	7.2	7.2	7.2	7.2	7.17	
D.O. Saturation (%)	88.7	87.9	85.0	84.7	80.7	80.6	84.60	-
D.O. (mg/L)	6.2	6.2	5.9	5.8	5.5	5.5	5.86	5.52
Turbidity (NTU)	3.7	3.4	3.6	3.6	4.0	4.0	3.72	-
SS (mg/L)	4.0	3.0	5.0	4.0	4.0	4.0	4.00	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	5:54-5:58						Northing	Easting
Water Depth (m)	6.4						22.21.800	113.54.391
Monitoring Depth (m)	1.0		3.2		5.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.0	27.1	25.2	25.2	24.7	24.6	25.64	-
Salinity (ppt)	19.2	19.2	29.7	29.7	31.0	31.0	26.62	-
pH	7.3	7.4	7.4	7.4	7.4	7.4	7.37	
D.O. Saturation (%)	87.5	86.9	72.3	72.1	65.5	66.4	75.12	-
D.O. (mg/L)	6.0	6.0	4.8	4.9	4.4	4.50	5.10	4.47
Turbidity (NTU)	4.2	4.2	6.3	6.3	7.2	6.8	5.83	-
SS (mg/L)	4.0	3.0	3.0	3.0	3.0	3.0	3.17	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	7:01-7:04							
Water Depth (m)	9.0							
Monitoring Depth (m)	1.0		4.5		8.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.2	27.2	26.9	26.9	25.8	25.8	26.62	-
Salinity (ppt)	18.3	18.3	20.2	20.2	26.9	27.0	21.82	-
pH	7.2	7.3	7.3	7.3	7.2	7.2	7.25	
D.O. Saturation (%)	90.4	90.7	84.2	85.2	78.8	80.1	84.90	-
D.O. (mg/L)	6.3	6.4	5.9	5.9	5.4	5.5	5.89	5.43
Turbidity (NTU)	2.4	2.5	2.8	2.9	3.4	3.5	2.92	-
SS (mg/L)	3.0	3.0	4.0	4.0	5.0	4.0	3.83	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	5:42-5:45						Northing	Easting
Water Depth (m)	7.2						22.21.422	113.55.368
Monitoring Depth (m)	1.0		3.6		6.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.9	26.9	25.2	25.2	24.7	24.7	25.61	-
Salinity (ppt)	20.1	20.0	29.7	29.7	30.8	30.8	26.87	-
pH	7.4	7.4	7.3	7.3	7.3	7.2	7.31	
D.O. Saturation (%)	89.3	89.0	74.6	74.5	69.8	70.2	77.90	-
D.O. (mg/L)	6.1	6.1	5.1	5.1	4.8	4.76	5.31	4.77
Turbidity (NTU)	4.9	4.7	5.7	6.0	7.9	7.9	6.18	-
SS (mg/L)	2.0	3.0	4.0	6.0	6.0	4.0	4.17	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	6:42-6:44							
Water Depth (m)	5.4							
Monitoring Depth (m)	1.0		2.7		4.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.1	27.1	-	-	26.2	26.2	26.64	-
Salinity (ppt)	17.4	17.5	-	-	24.9	25.0	21.20	-
pH	7.3	7.3	-	-	7.2	7.2	7.22	
D.O. Saturation (%)	95.7	94.9	-	-	90.8	90.8	93.05	-
D.O. (mg/L)	6.7	6.6	-	-	6.2	6.2	6.42	6.22
Turbidity (NTU)	4.4	4.7	-	-	5.5	5.8	5.10	-
SS (mg/L)	2.0	3.0	-	-	3.0	3.0	2.75	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	4.9	4.9	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.6	5.6	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	4.8	4.8	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	9.1	9.1	N	N	N	N	N	N	N	N	N	N

Sampling Date	07/10/2008
Weather & Ambient Temperature	Cloudy, 27C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	18:30-18:33							
Water Depth (m)	16.4							
Monitoring Depth (m)	1.0		8.2		15.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.4	26.4	25.2	25.2	24.3	24.3	25.33	-
Salinity (ppt)	22.4	22.4	29.6	29.7	31.6	31.6	27.86	-
pH	7.3	7.3	7.2	7.2	7.2	7.2	7.25	
D.O. Saturation (%)	94.8	93.3	79.5	81.1	74.6	73.6	82.82	-
D.O. (mg/L)	6.4	6.3	5.4	5.5	5.1	5.0	5.62	5.04
Turbidity (NTU)	3.5	3.4	4.1	4.1	4.8	4.9	4.13	-
SS (mg/L)	4.0	4.0	6.0	4.0	4.0	5.0	4.50	-
Remarks	No dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	16:55-16:57							
Water Depth (m)	6.6							
Monitoring Depth (m)	1.0		3.3		5.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.2	26.8	26.8	26.7	26.7	26.92	-
Salinity (ppt)	18.9	18.9	20.7	20.7	21.5	21.4	20.34	-
pH	7.2	7.2	7.3	7.3	7.3	7.3	7.26	
D.O. Saturation (%)	89.3	88.9	82.7	82.4	86.5	86.5	86.05	-
D.O. (mg/L)	6.2	6.2	5.8	5.8	6.0	6.0	6.00	6.01
Turbidity (NTU)	2.8	3.0	4.2	4.0	5.1	5.3	4.07	-
SS (mg/L)	4.0	4.0	4.0	4.0	3.0	3.0	3.67	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	17:29-17:31							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.1	27.1	26.5	26.5	26.1	26.1	26.56	-
Salinity (ppt)	17.5	17.5	22.4	22.5	25.0	25.0	21.65	-
pH	7.2	7.2	7.2	7.3	7.2	7.3	7.23	
D.O. Saturation (%)	89.8	88.9	87.1	87.1	83.2	83.2	86.55	-
D.O. (mg/L)	6.3	6.3	6.0	6.0	5.7	5.7	6.00	5.71
Turbidity (NTU)	3.1	3.3	3.4	3.6	3.8	4.0	3.53	-
SS (mg/L)	3.0	4.0	4.0	4.0	5.0	5.0	4.17	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	18:03-18:05						Northing	Easting
Water Depth (m)	6.6						22.21.807	113.54.396
Monitoring Depth (m)	1.0		3.3		5.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.8	26.8	25.5	25.5	24.8	24.8	25.67	-
Salinity (ppt)	20.8	20.8	29.2	29.2	30.7	30.8	26.90	-
pH	7.4	7.4	7.3	7.3	7.3	7.3	7.31	
D.O. Saturation (%)	90.4	90.7	69.9	69.3	74.0	74.8	78.18	-
D.O. (mg/L)	6.2	6.2	4.7	4.7	5.0	5.1	5.30	5.05
Turbidity (NTU)	5.2	5.4	6.3	6.1	6.9	7.2	6.18	-
SS (mg/L)	5.0	6.0	6.0	5.0	4.0	6.0	5.33	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	17:20-17:22							
Water Depth (m)	9.6							
Monitoring Depth (m)	1.0		4.8		8.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	26.8	26.9	25.8	25.8	26.76	-
Salinity (ppt)	15.6	15.5	19.5	19.5	25.9	26.1	20.34	-
pH	7.1	7.1	7.1	7.1	7.1	7.0	7.09	
D.O. Saturation (%)	91.0	90.5	86.7	87.4	79.5	79.1	85.70	-
D.O. (mg/L)	6.4	6.4	6.0	6.1	5.5	5.4	5.96	5.43
Turbidity (NTU)	3.5	3.4	3.9	4.1	4.9	4.6	4.07	-
SS (mg/L)	5.0	5.0	4.0	5.0	6.0	7.0	5.33	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	18:14-18:16						Northing	Easting
Water Depth (m)	7.0						22.21.427	113.55.371
Monitoring Depth (m)	1.0		3.5		6.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.2	26.2	25.5	25.4	25.0	25.1	25.55	-
Salinity (ppt)	22.8	22.9	28.3	28.4	29.8	29.8	27.01	-
pH	7.4	7.4	7.3	7.3	7.2	7.2	7.31	
D.O. Saturation (%)	92.7	92.5	74.3	73.7	78.0	79.4	81.77	-
D.O. (mg/L)	6.3	6.3	5.1	5.0	5.3	5.4	5.55	5.34
Turbidity (NTU)	4.2	4.3	4.8	4.7	5.5	5.4	4.82	-
SS (mg/L)	4.0	5.0	4.0	5.0	5.0	5.0	4.67	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	17:39-17:40							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	-	-	25.9	26.0	26.63	-
Salinity (ppt)	19.3	19.2	-	-	26.0	25.8	22.59	-
pH	7.3	7.3	-	-	7.2	7.2	7.25	
D.O. Saturation (%)	95.0	95.2	-	-	89.2	88.9	92.08	-
D.O. (mg/L)	6.6	6.6	-	-	6.1	6.1	6.34	6.09
Turbidity (NTU)	4.4	4.5	-	-	4.9	5.0	4.70	-
SS (mg/L)	6.0	5.0	-	-	3.0	3.0	4.25	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.5	5.5	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.8	5.8	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	5.3	5.3	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	5.3	5.3	N	N	N	N	N	N	N	N	N	N

Sampling Date	08/10/2008
Weather & Ambient Temperature	Cloudy, 27C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	8:00-8:02							
Water Depth (m)	19.0							
Monitoring Depth (m)	1.0		9.5		18.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.5	27.3	27.3	27.3	27.3	27.36	-
Salinity (ppt)	29.4	29.4	31.2	31.1	31.9	31.9	30.83	-
pH	7.4	7.4	7.4	7.5	7.4	7.5	7.44	
D.O. Saturation (%)	82.1	82.1	80.1	80.0	79.3	80.6	80.70	-
D.O. (mg/L)	5.5	5.5	5.3	5.3	5.3	5.3	5.38	5.30
Turbidity (NTU)	4.8	4.8	7.9	7.3	12.1	11.7	8.10	-
SS (mg/L)	4.0	5.0	5.0	5.0	7.0	5.0	5.17	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	7:31-7:33							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.8	26.9	27.0	27.1	27.3	27.2	27.04	-
Salinity (ppt)	21.1	21.2	26.1	26.7	29.2	28.2	25.41	-
pH	7.3	7.3	7.3	7.3	7.4	7.3	7.32	
D.O. Saturation (%)	78.7	78.8	76.0	76.3	77.3	76.2	77.22	-
D.O. (mg/L)	5.6	5.6	5.2	5.2	5.2	5.2	5.34	5.19
Turbidity (NTU)	4.3	4.6	4.5	4.5	4.6	4.7	4.53	-
SS (mg/L)	26.0	26.0	3.0	4.0	4.0	4.0	11.17	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	6:58-7:01						Northing	Easting
Water Depth (m)	11.0						22.21.542	113.54.290
Monitoring Depth (m)	1.0		5.5		10.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.0	27.1	27.4	27.4	27.4	27.4	27.25	-
Salinity (ppt)	22.3	22.2	30.4	30.3	30.7	30.8	27.78	-
pH	7.4	7.4	7.4	7.5	7.5	7.5	7.43	
D.O. Saturation (%)	78.1	78.4	75.9	74.9	75.5	77.5	76.72	-
D.O. (mg/L)	5.5	5.5	5.1	5.0	5.0	5.17	5.21	5.10
Turbidity (NTU)	5.6	5.7	8.2	8.4	13.2	13.5	9.10	-
SS (mg/L)	4.0	5.0	7.0	5.0	4.0	4.0	4.83	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	7:20-7:24							
Water Depth (m)	9.0							
Monitoring Depth (m)	1.0		4.5		8.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.9	26.9	27.0	27.2	27.3	27.3	27.10	-
Salinity (ppt)	17.9	21.5	25.7	29.3	30.1	30.2	25.77	-
pH	7.5	7.4	7.5	7.5	7.6	7.5	7.48	
D.O. Saturation (%)	77.3	77.9	77.7	78.1	78.4	78.3	77.95	-
D.O. (mg/L)	5.6	5.5	5.4	5.3	5.3	5.2	5.37	5.25
Turbidity (NTU)	5.4	5.6	5.5	5.6	6.2	6.6	5.82	-
SS (mg/L)	7.0	6.0	6.0	7.0	5.0	5.0	6.00	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	6:48-6:50						Northing	Easting
Water Depth (m)	15.2						22.21.309	118.55.137
Monitoring Depth (m)	1.0		7.6		14.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.4	27.4	27.3	27.3	27.34	-
Salinity (ppt)	24.5	24.4	30.5	30.5	31.2	31.5	28.77	-
pH	7.4	7.4	7.5	7.5	7.5	7.5	7.45	
D.O. Saturation (%)	81.7	80.0	77.0	77.5	77.9	80.1	79.03	-
D.O. (mg/L)	5.7	5.5	5.1	5.2	5.2	5.32	5.33	5.26
Turbidity (NTU)	5.4	5.6	6.3	6.7	8.2	8.4	6.77	-
SS (mg/L)	5.0	5.0	5.0	4.0	5.0	5.0	4.83	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	7:42-7:43							
Water Depth (m)	5.7							
Monitoring Depth (m)	1.0		2.9		4.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.9	26.9	-	-	27.1	27.0	17.95	-
Salinity (ppt)	19.5	20.3	-	-	26.4	24.5	15.13	-
pH	7.4	7.4	-	-	7.4	7.3	4.91	
D.O. Saturation (%)	78.5	77.5	-	-	77.6	78.6	52.03	-
D.O. (mg/L)	5.6	5.5	-	-	5.3	5.5	5.48	5.39
Turbidity (NTU)	10.4	10.5	-	-	10.2	10.2	6.88	-
SS (mg/L)	4.0	5.0	-	-	4.0	3.0	4.00	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.3	5.3	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.4	5.4	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	10.5	10.5	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	6.7	6.7	N	N	N	N	N	N	N	N	N	N

Sampling Date	08/10/2008
Weather & Ambient Temperature	Cloudy, 26C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	20:01-20:03							
Water Depth (m)	16.8							
Monitoring Depth (m)	1.0		8.4		15.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.4	27.2	27.2	27.3	27.3	27.28	-
Salinity (ppt)	29.4	29.4	30.8	31.0	31.7	31.9	30.67	-
pH	7.4	7.4	7.5	7.5	7.5	7.5	7.47	
D.O. Saturation (%)	82.1	82.6	79.8	81.1	80.1	82.0	81.28	-
D.O. (mg/L)	5.5	5.5	5.3	5.4	5.3	5.4	5.42	5.38
Turbidity (NTU)	4.3	4.5	7.4	7.5	8.3	8.9	6.82	-
SS (mg/L)	5.0	5.0	6.0	4.0	6.0	5.0	5.17	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	18:50-18:51							
Water Depth (m)	6.8							
Monitoring Depth (m)	1.0		3.4		5.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.8	26.7	27.0	26.9	27.2	27.1	26.95	-
Salinity (ppt)	17.6	18.3	25.4	25.3	29.7	29.8	24.37	-
pH	7.5	7.4	7.5	7.5	7.6	7.6	7.49	
D.O. Saturation (%)	77.4	78.0	78.6	77.6	77.7	79.9	78.20	-
D.O. (mg/L)	5.6	5.6	5.4	5.4	5.2	5.4	5.43	5.29
Turbidity (NTU)	5.6	5.6	5.4	5.4	5.7	6.0	5.62	-
SS (mg/L)	7.0	7.0	7.0	7.0	6.0	6.0	6.67	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	19:36-19:38							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.7	26.7	27.0	27.0	27.2	27.2	26.99	-
Salinity (ppt)	19.5	18.4	26.4	26.3	30.8	30.5	25.31	-
pH	7.4	7.4	7.4	7.4	7.5	7.5	7.43	
D.O. Saturation (%)	77.3	76.9	77.9	77.7	78.4	78.1	77.72	-
D.O. (mg/L)	5.5	5.6	5.3	5.3	5.2	5.2	5.37	5.23
Turbidity (NTU)	5.6	5.5	6.4	6.3	6.6	6.2	6.10	-
SS (mg/L)	3.0	3.0	14.0	12.0	4.0	4.0	6.67	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	19:14-19:16						Northing	Easting
Water Depth (m)	11.2						22.21.546	113.54.292
Monitoring Depth (m)	1.0		5.6		10.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.0	27.0	27.3	27.3	27.3	27.3	27.19	-
Salinity (ppt)	24.2	24.0	30.4	30.3	30.5	30.7	28.35	-
pH	7.4	7.4	7.5	7.5	7.5	7.5	7.46	
D.O. Saturation (%)	77.7	75.8	74.8	75.0	75.2	75.8	75.72	-
D.O. (mg/L)	5.4	5.3	5.0	5.0	5.0	5.1	5.13	5.04
Turbidity (NTU)	5.0	5.3	7.0	6.9	9.3	9.1	7.10	-
SS (mg/L)	4.0	5.0	4.0	6.0	6.0	4.0	4.83	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	19:48-19:50							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.7	26.8	27.0	27.1	27.2	27.2	27.00	-
Salinity (ppt)	16.7	16.6	26.4	28.0	30.3	30.4	24.74	-
pH	7.4	7.4	7.4	7.5	7.5	7.5	7.45	
D.O. Saturation (%)	77.8	77.7	77.8	78.3	79.2	78.6	78.23	-
D.O. (mg/L)	5.7	5.7	5.3	5.3	5.3	5.3	5.42	5.28
Turbidity (NTU)	5.7	5.8	5.9	5.9	6.2	6.3	5.97	-
SS (mg/L)	7.0	8.0	6.0	5.0	4.0	6.0	6.00	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	19:04-19:06						Northing	Easting
Water Depth (m)	15.6						22.21.311	113.55.139
Monitoring Depth (m)	1.0		7.8		14.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.2	27.2	27.3	27.3	27.3	27.3	27.27	-
Salinity (ppt)	23.4	24.1	30.5	30.7	31.2	31.5	28.55	-
pH	7.3	7.4	7.5	7.4	7.4	7.5	7.40	
D.O. Saturation (%)	82.4	82.0	76.8	77.4	78.3	78.3	79.20	-
D.O. (mg/L)	5.7	5.7	5.1	5.2	5.2	5.2	5.35	5.21
Turbidity (NTU)	5.7	5.5	7.2	7.0	8.8	9.2	7.23	-
SS (mg/L)	6.0	6.0	7.0	6.0	5.0	6.0	6.00	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	19:26-19:27							
Water Depth (m)	5.5							
Monitoring Depth (m)	1.0		2.8		4.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.7	26.7	-	-	27.0	27.0	17.91	-
Salinity (ppt)	20.9	20.3	-	-	26.4	26.9	15.74	-
pH	7.4	7.4	-	-	7.4	7.4	4.92	
D.O. Saturation (%)	77.5	77.2	-	-	76.1	76.5	51.22	-
D.O. (mg/L)	5.5	5.5	-	-	5.2	5.2	5.37	5.24
Turbidity (NTU)	5.0	5.1	-	-	4.7	4.5	3.22	-
SS (mg/L)	14.0	13.0	-	-	4.0	4.0	8.75	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.3	5.3	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.4	5.4	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	8.1	8.1	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	7.7	7.7	N	N	N	N	N	N	N	N	N	N

Sampling Date	09/10/2008
Weather & Ambient Temperature	Sunny, 30C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	21:30-21:33							
Water Depth (m)	15.8							
Monitoring Depth (m)	1.0		7.9		14.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.7	28.9	28.1	28.2	27.4	27.4	28.12	-
Salinity (ppt)	25.9	26.1	29.2	29.0	31.3	31.3	28.78	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.50	
D.O. Saturation (%)	85.8	85.0	75.2	75.3	74.0	72.8	78.02	-
D.O. (mg/L)	5.7	5.6	4.9	4.9	4.8	4.8	5.13	4.80
Turbidity (NTU)	6.2	6.4	7.1	8.2	13.0	13.1	9.00	-
SS (mg/L)	6.0	5.0	5.0	5.0	4.0	5.0	5.00	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	21:00-21:01							
Water Depth (m)	8.6							
Monitoring Depth (m)	1.0		4.3		7.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.5	29.4	28.4	28.4	28.3	28.4	28.74	-
Salinity (ppt)	20.0	18.5	26.9	27.0	27.8	27.6	24.63	-
pH	7.6	7.6	7.5	7.5	7.5	7.5	7.52	
D.O. Saturation (%)	88.4	86.3	75.0	74.4	77.2	78.0	79.88	-
D.O. (mg/L)	6.0	5.9	5.0	4.9	5.1	5.2	5.33	5.12
Turbidity (NTU)	7.5	8.0	7.3	7.3	7.7	8.1	7.65	-
SS (mg/L)	5.0	6.0	5.0	5.0	6.0	5.0	5.33	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	20:28-20:32						Northing	Easting
Water Depth (m)	14.3						22.21.899	113.55.220
Monitoring Depth (m)	1.0		7.2		13.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.0	28.9	28.2	28.3	27.6	27.6	28.26	-
Salinity (ppt)	21.6	22.3	27.8	27.7	30.1	30.7	26.70	-
pH	7.5	7.5	7.5	7.5	7.5	7.6	7.51	
D.O. Saturation (%)	84.3	83.1	72.4	71.6	68.8	69.8	75.00	-
D.O. (mg/L)	5.7	5.6	4.8	4.7	4.5	4.56	4.98	4.54
Turbidity (NTU)	9.0	9.0	8.8	8.6	10.2	10.8	9.40	-
SS (mg/L)	6.0	6.0	5.0	6.0	6.0	5.0	5.67	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	20:50-20:52							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.5	29.6	29.1	29.2	28.7	28.5	29.09	-
Salinity (ppt)	19.5	20.0	23.3	22.8	24.3	26.6	22.75	-
pH	7.6	7.5	7.5	7.5	7.4	7.4	7.50	
D.O. Saturation (%)	95.3	95.3	82.8	80.2	77.9	79.0	85.08	-
D.O. (mg/L)	6.5	6.5	5.5	5.4	5.2	5.2	5.71	5.21
Turbidity (NTU)	8.4	8.2	9.9	9.5	10.9	11.0	9.65	-
SS (mg/L)	4.0	6.0	5.0	6.0	5.0	7.0	5.50	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	20:18-20:21						Northing	Easting
Water Depth (m)	12.6						22.21.657	113.55.903
Monitoring Depth (m)	1.0		6.3		11.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.1	29.1	28.5	28.5	27.7	27.7	28.45	-
Salinity (ppt)	23.2	22.4	26.7	26.9	31.2	29.4	26.63	-
pH	7.5	7.5	7.5	7.5	7.5	7.4	7.49	
D.O. Saturation (%)	86.2	87.1	76.9	77.3	73.3	72.9	78.95	-
D.O. (mg/L)	5.8	5.9	5.1	5.1	4.8	4.80	5.24	4.79
Turbidity (NTU)	7.8	8.0	8.3	8.2	10.3	9.7	8.72	-
SS (mg/L)	5.0	7.0	7.0	7.0	5.0	5.0	6.00	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	21:09-21:10							
Water Depth (m)	5.4							
Monitoring Depth (m)	1.0		2.7		4.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.0	29.1	-	-	28.4	28.4	28.72	-
Salinity (ppt)	22.1	22.0	-	-	27.0	27.0	24.52	-
pH	7.5	7.5	-	-	7.4	7.4	7.43	
D.O. Saturation (%)	83.2	84.6	-	-	77.1	73.1	79.50	-
D.O. (mg/L)	5.6	5.7	-	-	5.1	4.8	5.31	4.96
Turbidity (NTU)	9.3	9.0	-	-	10.7	10.1	9.78	-
SS (mg/L)	5.0	5.0	-	-	5.0	5.0	5.00	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	4.8	4.8	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.1	5.1	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	11.7	NA	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	6.5	6.5	N	N	N	N	N	N	N	N	N	N

Sampling Date	09/10/2008
Weather & Ambient Temperature	Sunny, 30C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	17:08-17:11							
Water Depth (m)	16.0							
Monitoring Depth (m)	1.0		8.0		15.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.8	28.8	28.0	28.3	27.4	27.4	28.11	-
Salinity (ppt)	25.1	24.5	29.5	28.7	31.2	31.3	28.38	-
pH	7.5	7.5	7.5	7.5	7.4	7.6	7.50	
D.O. Saturation (%)	87.1	86.6	75.3	75.8	74.7	74.1	78.93	-
D.O. (mg/L)	5.8	5.8	4.9	5.0	4.9	4.9	5.21	4.88
Turbidity (NTU)	6.2	6.2	7.0	7.1	9.8	10.5	7.80	-
SS (mg/L)	4.0	5.0	4.0	6.0	8.0	6.0	5.50	-
Remarks	No dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	15:51-15:52							
Water Depth (m)	6.8							
Monitoring Depth (m)	1.0		3.4		5.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.4	29.4	29.1	29.2	28.9	28.3	29.04	-
Salinity (ppt)	21.2	21.8	24.7	24.1	26.8	28.6	24.53	-
pH	7.6	7.6	7.5	7.5	7.4	7.4	7.50	
D.O. Saturation (%)	97.9	99.1	87.2	87.2	84.7	82.2	89.72	-
D.O. (mg/L)	6.6	6.7	5.8	5.8	5.6	5.4	5.98	5.50
Turbidity (NTU)	6.0	6.1	6.8	6.5	7.9	8.0	6.88	-
SS (mg/L)	6.0	5.0	5.0	5.0	6.0	6.0	5.50	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	16:44-16:48						Northing	Easting
Water Depth (m)	13.6						22.21.897	113.55.219
Monitoring Depth (m)	1.0		6.8		12.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.0	29.0	28.4	28.3	27.6	27.6	28.29	-
Salinity (ppt)	22.9	22.4	27.5	27.7	30.2	30.2	26.82	-
pH	7.5	7.6	7.5	7.5	7.5	7.6	7.53	
D.O. Saturation (%)	84.0	84.0	73.8	73.5	72.7	70.7	76.45	-
D.O. (mg/L)	5.7	5.7	4.9	4.8	4.8	4.6	5.07	4.71
Turbidity (NTU)	8.3	8.3	8.6	8.5	11.7	11.8	9.53	-
SS (mg/L)	7.0	5.0	7.0	6.0	9.0	7.0	6.83	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	16:55-16:58						Northing	Easting
Water Depth (m)	11.6						22.21.652	113.55.899
Monitoring Depth (m)	1.0		5.8		10.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.2	29.2	28.4	28.5	27.7	27.7	28.45	-
Salinity (ppt)	24.0	22.4	27.0	26.7	31.2	31.2	27.08	-
pH	7.5	7.5	7.6	7.5	7.6	7.6	7.55	
D.O. Saturation (%)	86.9	87.7	74.6	74.8	70.2	71.4	77.60	-
D.O. (mg/L)	5.8	5.9	4.9	5.0	4.6	4.7	5.13	4.61
Turbidity (NTU)	7.9	8.3	9.0	9.4	12.1	11.6	9.72	-
SS (mg/L)	5.0	6.0	5.0	6.0	6.0	5.0	5.50	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	16:17-16:19							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.4	29.4	28.4	28.4	28.2	28.2	28.66	-
Salinity (ppt)	18.8	18.9	26.7	26.8	27.8	27.9	24.48	-
pH	7.6	7.6	7.5	7.5	7.5	7.5	7.52	
D.O. Saturation (%)	86.6	88.1	73.8	74.5	77.0	76.3	79.38	-
D.O. (mg/L)	5.9	6.0	4.9	4.9	5.1	5.0	5.31	5.07
Turbidity (NTU)	8.1	8.1	7.8	8.0	8.4	8.3	8.12	-
SS (mg/L)	5.0	4.0	5.0	5.0	4.0	3.0	4.33	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	16:08-16:09							
Water Depth (m)	8.6							
Monitoring Depth (m)	1.0		4.3		7.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.5	29.5	29.2	29.1	28.4	28.4	29.02	-
Salinity (ppt)	18.1	18.8	22.6	23.7	26.6	26.9	22.77	-
pH	7.6	7.6	7.6	7.5	7.5	7.5	7.54	
D.O. Saturation (%)	92.4	92.7	84.2	83.3	78.8	79.1	85.08	-
D.O. (mg/L)	6.3	6.3	5.6	5.6	5.2	5.2	5.72	5.24
Turbidity (NTU)	7.5	7.6	9.7	9.4	11.7	11.5	9.57	-
SS (mg/L)	6.0	5.0	6.0	7.0	6.0	6.0	6.00	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	16:26-16:28							
Water Depth (m)	5.8							
Monitoring Depth (m)	1.0		2.9		4.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.9	29.0	-	-	28.4	28.4	28.68	-
Salinity (ppt)	21.5	21.2	-	-	27.2	27.3	24.27	-
pH	7.5	7.5	-	-	7.4	7.4	7.46	
D.O. Saturation (%)	82.2	82.0	-	-	75.4	74.2	78.45	-
D.O. (mg/L)	5.6	5.6	-	-	5.0	4.9	5.25	4.94
Turbidity (NTU)	9.5	9.2	-	-	11.1	10.9	10.18	-
SS (mg/L)	5.0	7.0	-	-	5.0	5.0	5.50	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.2	5.2	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.6	5.6	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	9.5	NA	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	7.2	7.2	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/10/2008
Weather & Ambient Temperature	Sunny, 29C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	9:26-9:29							
Water Depth (m)	20.4							
Monitoring Depth (m)	1.0		10.2		19.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.5	27.4	27.4	27.4	27.4	27.45	-
Salinity (ppt)	23.3	23.7	31.0	30.9	31.2	31.1	28.52	-
pH	7.5	7.4	7.3	7.4	7.3	7.3	7.36	
D.O. Saturation (%)	96.0	97.1	68.2	69.2	69.7	68.7	78.15	-
D.O. (mg/L)	6.6	6.7	4.5	4.6	4.6	4.6	5.28	4.61
Turbidity (NTU)	3.1	3.3	6.8	6.8	9.2	9.3	6.42	-
SS (mg/L)	4.0	6.0	5.0	5.0	10.0	10.0	6.67	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	9:46-9:47							
Water Depth (m)	7.5							
Monitoring Depth (m)	1.0		3.8		6.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	27.8	27.3	27.3	27.3	27.3	27.49	-
Salinity (ppt)	21.8	19.9	26.7	26.6	28.0	27.6	25.09	-
pH	7.4	7.4	7.4	7.4	7.4	7.3	7.37	
D.O. Saturation (%)	93.1	93.2	88.4	90.1	89.1	89.1	90.50	-
D.O. (mg/L)	6.5	6.6	6.0	6.2	6.0	6.1	6.22	6.05
Turbidity (NTU)	4.4	4.6	5.2	5.3	6.7	6.5	5.45	-
SS (mg/L)	4.0	5.0	6.0	6.0	6.0	7.0	5.67	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	10:08-10:10						Northing	Easting
Water Depth (m)	9.0						22.21.348	113.54.163
Monitoring Depth (m)	1.0		4.5		8.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.2	27.6	27.5	27.5	27.5	27.5	27.45	-
Salinity (ppt)	23.9	23.6	29.3	29.5	30.2	30.2	27.79	-
pH	7.5	7.5	7.4	7.4	7.4	7.4	7.40	
D.O. Saturation (%)	89.8	88.4	77.5	77.9	80.4	80.3	82.38	-
D.O. (mg/L)	6.2	6.1	5.2	5.2	5.4	5.36	5.58	5.37
Turbidity (NTU)	3.0	3.1	3.5	3.4	4.2	4.3	3.58	-
SS (mg/L)	5.0	6.0	4.0	4.0	3.0	3.0	4.17	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	9:51-9:53							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.7	27.4	27.4	27.2	27.2	27.40	-
Salinity (ppt)	23.6	22.9	26.4	26.4	29.6	29.7	26.43	-
pH	7.5	7.5	7.4	7.4	7.4	7.4	7.42	
D.O. Saturation (%)	96.8	94.5	86.7	86.1	84.7	85.4	89.03	-
D.O. (mg/L)	6.7	6.6	5.9	5.9	5.7	5.7	6.08	5.72
Turbidity (NTU)	4.6	4.3	6.3	6.5	9.7	9.5	6.82	-
SS (mg/L)	4.0	4.0	5.0	6.0	6.0	5.0	5.00	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	10:24-10:26						Northing	Easting
Water Depth (m)	10.2						22.20.950	113.55.090
Monitoring Depth (m)	1.0		5.1		9.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.8	27.4	27.5	27.4	27.4	27.52	-
Salinity (ppt)	24.8	23.8	30.1	30.1	30.1	30.1	28.17	-
pH	7.5	7.5	7.4	7.4	7.4	7.4	7.42	
D.O. Saturation (%)	91.1	90.5	77.6	77.6	78.8	79.0	82.43	-
D.O. (mg/L)	6.2	6.2	5.2	5.2	5.3	5.28	5.56	5.28
Turbidity (NTU)	4.0	3.9	7.0	6.9	8.5	8.8	6.52	-
SS (mg/L)	9.0	7.0	4.0	5.0	6.0	6.0	6.17	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	9:39-9:40							
Water Depth (m)	5.3							
Monitoring Depth (m)	1.0		2.7		4.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.4	-	-	27.3	27.3	27.36	-
Salinity (ppt)	24.6	25.5	-	-	27.8	27.6	26.38	-
pH	7.4	7.4	-	-	7.3	7.4	7.35	
D.O. Saturation (%)	89.0	90.3	-	-	84.3	86.1	87.43	-
D.O. (mg/L)	6.1	6.2	-	-	5.7	5.8	5.97	5.78
Turbidity (NTU)	7.5	7.5	-	-	8.8	8.9	8.18	-
SS (mg/L)	9.0	9.0	-	-	7.0	8.0	8.25	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	4.6	4.6	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.3	5.3	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	8.3	8.3	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	8.7	8.7	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/10/2008
Weather & Ambient Temperature	Sunny, 29C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	16:21-16:23							
Water Depth (m)	15.4							
Monitoring Depth (m)	1.0		7.7		14.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.2	28.1	27.3	27.3	27.3	27.3	27.58	-
Salinity (ppt)	29.4	29.8	31.5	31.5	31.7	31.6	30.92	-
pH	7.4	7.4	7.4	7.4	7.4	7.3	7.38	
D.O. Saturation (%)	85.7	83.3	74.7	74.2	77.1	76.8	78.63	-
D.O. (mg/L)	5.7	5.5	5.0	4.9	5.1	5.1	5.22	5.11
Turbidity (NTU)	4.9	5.1	10.7	10.6	16.1	16.5	10.65	-
SS (mg/L)	4.0	5.0	5.0	6.0	10.0	12.0	7.00	-
Remarks	No dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	15:06-15:08							
Water Depth (m)	6.3							
Monitoring Depth (m)	1.0		3.2		5.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.5	27.3	27.3	27.3	27.2	27.35	-
Salinity (ppt)	26.2	26.1	27.4	27.5	27.8	28.0	27.16	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.50	
D.O. Saturation (%)	100.0	100.5	99.1	99.3	99.7	99.5	99.68	-
D.O. (mg/L)	6.8	6.9	6.7	6.8	6.8	6.8	6.78	6.76
Turbidity (NTU)	2.8	2.7	3.8	3.6	4.6	4.9	3.73	-
SS (mg/L)	5.0	4.0	5.0	6.0	4.0	5.0	4.83	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	15:41-15:42							
Water Depth (m)	7.2							
Monitoring Depth (m)	1.0		3.6		6.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.6	27.3	27.3	27.4	27.4	27.50	-
Salinity (ppt)	20.1	21.9	26.7	27.6	28.8	28.8	25.63	-
pH	7.4	7.4	7.4	7.4	7.3	7.3	7.35	
D.O. Saturation (%)	90.2	90.1	83.2	82.8	85.7	84.7	86.12	-
D.O. (mg/L)	6.3	6.3	5.7	5.6	5.8	5.7	5.90	5.74
Turbidity (NTU)	3.9	3.9	3.2	3.1	3.1	3.0	3.37	-
SS (mg/L)	5.0	5.0	3.0	4.0	5.0	7.0	4.83	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	15:58-16:00						Northing	Easting
Water Depth (m)	9.3						22.21.366	113.54.159
Monitoring Depth (m)	1.0		4.7		8.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	27.5	27.5	27.5	27.5	27.49	-
Salinity (ppt)	22.9	22.8	29.6	29.4	30.2	30.2	27.54	-
pH	7.5	7.5	7.4	7.3	7.3	7.4	7.37	
D.O. Saturation (%)	95.5	93.6	78.5	80.3	82.3	83.2	85.57	-
D.O. (mg/L)	6.6	6.5	5.3	5.4	5.5	5.6	5.80	5.53
Turbidity (NTU)	3.0	3.1	3.2	3.1	4.2	4.2	3.47	-
SS (mg/L)	6.0	6.0	4.0	4.0	4.0	6.0	5.00	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	15:32-15:34							
Water Depth (m)	8.1							
Monitoring Depth (m)	1.0		4.1		7.1			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.8	27.4	27.4	27.1	27.1	27.37	-
Salinity (ppt)	23.5	21.0	26.0	25.8	30.8	30.9	26.31	-
pH	7.4	7.3	7.4	7.4	7.3	7.3	7.33	
D.O. Saturation (%)	98.1	96.3	90.1	88.6	83.9	84.1	90.18	-
D.O. (mg/L)	6.8	6.7	6.2	6.1	5.6	5.6	6.17	5.62
Turbidity (NTU)	4.8	5.1	6.8	6.9	11.9	12.0	7.92	-
SS (mg/L)	5.0	4.0	5.0	7.0	4.0	3.0	4.67	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	16:05-16:07						Northing	Easting
Water Depth (m)	10.1						22.20.965	113.55.084
Monitoring Depth (m)	1.0		5.1		9.1			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	27.8	27.4	27.4	27.4	27.3	27.56	-
Salinity (ppt)	21.4	22.8	30.0	30.1	30.1	30.2	27.41	-
pH	7.5	7.5	7.4	7.4	7.4	7.4	7.43	
D.O. Saturation (%)	93.3	90.7	78.1	77.6	78.7	79.3	82.95	-
D.O. (mg/L)	6.5	6.3	5.2	5.2	5.3	5.3	5.62	5.29
Turbidity (NTU)	4.0	3.8	6.4	6.3	7.7	8.0	6.03	-
SS (mg/L)	7.0	8.0	7.0	7.0	6.0	6.0	6.83	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	15:48-15:49							
Water Depth (m)	4.8							
Monitoring Depth (m)	1.0		2.4		3.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	27.6	-	-	27.4	27.4	27.59	-
Salinity (ppt)	18.9	19.4	-	-	27.1	28.5	23.47	-
pH	7.4	7.4	-	-	7.3	7.4	7.37	
D.O. Saturation (%)	90.2	88.9	-	-	85.1	84.9	87.28	-
D.O. (mg/L)	6.4	6.3	-	-	5.8	5.7	6.04	5.76
Turbidity (NTU)	5.0	4.8	-	-	6.2	6.4	5.60	-
SS (mg/L)	6.0	6.0	-	-	7.0	6.0	6.25	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.9	5.9	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	6.0	6.0	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	9.3	9.3	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	7.7	7.7	N	N	N	N	N	N	N	N	N	N

Sampling Date	11/10/2008
Weather & Ambient Temperature	Sunny, 28C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	8:15-8:18							
Water Depth (m)	20.4							
Monitoring Depth (m)	1.0		10.2		19.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.9	27.5	27.5	27.4	27.4	27.58	-
Salinity (ppt)	24.4	24.4	30.5	30.4	30.7	30.7	28.50	-
pH	7.2	7.2	7.1	7.1	6.9	7.0	7.09	
D.O. Saturation (%)	92.3	92.3	71.7	72.0	73.8	74.8	79.48	-
D.O. (mg/L)	6.3	6.3	4.8	4.8	4.9	5.0	5.36	4.96
Turbidity (NTU)	2.3	2.5	5.1	4.9	11.9	11.6	6.38	-
SS (mg/L)	5.0	4.0	5.0	4.0	6.0	5.0	4.83	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	8:37-8:40							
Water Depth (m)	7.8							
Monitoring Depth (m)	1.0		3.9		6.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.0	27.6	27.6	27.5	27.4	27.67	-
Salinity (ppt)	22.6	22.7	26.0	26.0	27.4	27.5	25.38	-
pH	7.1	7.2	7.2	7.2	7.1	7.2	7.18	
D.O. Saturation (%)	92.7	92.5	89.3	91.0	86.3	87.2	89.83	-
D.O. (mg/L)	6.4	6.4	6.1	6.2	5.9	5.9	6.15	5.89
Turbidity (NTU)	2.8	3.0	7.4	7.1	8.3	8.6	6.20	-
SS (mg/L)	7.0	6.0	5.0	5.0	9.0	9.0	6.83	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	8:59-9:01						Northing	Easting
Water Depth (m)	9.2						22.21.629	113.55.453
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.0	27.6	27.6	27.5	27.5	27.70	-
Salinity (ppt)	22.9	22.9	25.1	25.0	30.0	30.1	26.01	-
pH	7.5	7.5	7.3	7.3	7.3	7.3	7.35	
D.O. Saturation (%)	96.4	97.0	81.1	78.6	87.8	88.9	88.30	-
D.O. (mg/L)	6.7	6.7	5.5	5.4	5.9	5.94	5.99	5.90
Turbidity (NTU)	2.6	2.5	3.7	3.5	4.8	4.9	3.67	-
SS (mg/L)	6.0	5.0	5.0	4.0	5.0	6.0	5.17	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	8:47-8;49							
Water Depth (m)	9.0							
Monitoring Depth (m)	1.0		4.5		8.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	28.0	27.6	27.6	27.2	27.2	27.58	-
Salinity (ppt)	22.1	22.1	24.9	24.8	30.0	29.9	25.66	-
pH	7.4	7.3	7.3	7.3	7.3	7.2	7.31	
D.O. Saturation (%)	100.6	100.6	92.6	93.4	86.8	87.5	93.58	-
D.O. (mg/L)	6.9	7.0	6.4	6.4	5.8	5.9	6.39	5.85
Turbidity (NTU)	2.7	2.5	3.8	4.0	7.8	7.5	4.72	-
SS (mg/L)	4.0	4.0	5.0	5.0	6.0	6.0	5.00	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	9:10-9:12						Northing	Easting
Water Depth (m)	10.0						22.21.332	113.55.370
Monitoring Depth (m)	1.0		5.0		9.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.2	28.2	27.8	27.8	27.5	27.5	27.82	-
Salinity (ppt)	24.3	24.3	27.2	27.1	29.8	29.6	27.03	-
pH	7.5	7.5	7.3	7.3	7.3	7.2	7.33	
D.O. Saturation (%)	99.3	98.9	78.1	77.5	86.6	85.3	87.62	-
D.O. (mg/L)	6.8	6.7	5.2	5.2	5.8	5.71	5.90	5.74
Turbidity (NTU)	3.7	3.6	4.5	4.7	6.1	5.9	4.75	-
SS (mg/L)	7.0	9.0	7.0	6.0	7.0	7.0	7.17	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	8:29-8:30							
Water Depth (m)	5.5							
Monitoring Depth (m)	1.0		2.8		4.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	28.1	-	-	27.5	27.5	27.77	-
Salinity (ppt)	21.9	22.0	-	-	26.6	26.7	24.29	-
pH	7.1	7.1	-	-	7.1	7.1	7.09	
D.O. Saturation (%)	91.7	90.8	-	-	89.7	90.0	90.55	-
D.O. (mg/L)	6.3	6.3	-	-	6.1	6.1	6.23	6.12
Turbidity (NTU)	3.7	3.5	-	-	8.3	7.9	5.85	-
SS (mg/L)	7.0	6.0	-	-	10.0	9.0	8.00	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.0	5.0	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.4	5.4	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	8.3	8.3	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	6.3	6.3	N	N	N	N	N	N	N	N	N	N

Sampling Date	11/10/2008
Weather & Ambient Temperature	Sunny, 29C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	17:49-17:51							
Water Depth (m)	15.8							
Monitoring Depth (m)	1.0		7.9		14.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.4	28.4	27.8	27.9	27.5	27.4	27.88	-
Salinity (ppt)	29.1	29.1	30.6	30.5	31.0	30.9	30.19	-
pH	7.3	7.3	7.3	7.3	7.3	7.2	7.27	
D.O. Saturation (%)	93.5	92.3	78.8	79.3	86.7	87.7	86.38	-
D.O. (mg/L)	6.2	6.1	5.2	5.3	5.8	5.8	5.75	5.83
Turbidity (NTU)	4.7	4.7	3.6	3.3	7.8	7.5	5.27	-
SS (mg/L)	8.0	8.0	7.0	6.0	5.0	7.0	6.83	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	16:27-16:30							
Water Depth (m)	6.4							
Monitoring Depth (m)	1.0		3.2		5.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.1	27.6	27.6	27.4	27.4	27.68	-
Salinity (ppt)	23.4	23.4	27.7	27.8	28.6	28.6	26.57	-
pH	7.4	7.3	7.3	7.3	7.2	7.3	7.29	
D.O. Saturation (%)	100.1	101.3	98.7	98.4	96.7	97.1	98.72	-
D.O. (mg/L)	6.9	6.9	6.7	6.7	6.5	6.6	6.71	6.55
Turbidity (NTU)	3.8	4.1	3.9	4.2	6.8	6.5	4.88	-
SS (mg/L)	4.0	5.0	6.0	6.0	6.0	7.0	5.67	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	17:16-17:18						Northing	Easting
Water Depth (m)	9.8						22.21.635	113.55.446
Monitoring Depth (m)	1.0		4.9		8.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.3	28.2	27.7	27.7	27.6	27.6	27.87	-
Salinity (ppt)	22.6	22.7	29.2	29.2	30.0	29.9	27.26	-
pH	7.4	7.4	7.2	7.3	7.1	7.2	7.26	
D.O. Saturation (%)	96.3	94.6	77.4	78.2	84.4	84.7	85.93	-
D.O. (mg/L)	6.6	6.5	5.2	5.2	5.6	5.7	5.81	5.65
Turbidity (NTU)	2.7	2.8	4.9	4.8	6.5	6.2	4.65	-
SS (mg/L)	6.0	6.0	5.0	5.0	6.0	5.0	5.50	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	17:29-17:31						Northing	Easting
Water Depth (m)	10.2						22.21.326	113.55.373
Monitoring Depth (m)	1.0		5.1		9.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.3	28.3	27.7	27.7	27.6	27.6	27.87	-
Salinity (ppt)	23.8	24.0	30.0	30.1	30.2	30.2	28.08	-
pH	7.4	7.4	7.2	7.2	7.2	7.2	7.26	
D.O. Saturation (%)	99.8	98.8	77.7	76.0	84.5	84.3	86.85	-
D.O. (mg/L)	6.8	6.8	5.2	5.1	5.6	5.6	5.85	5.63
Turbidity (NTU)	2.7	2.6	5.1	5.2	5.6	5.8	4.50	-
SS (mg/L)	5.0	7.0	6.0	6.0	6.0	8.0	6.33	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	16:56-16:58							
Water Depth (m)	8.0							
Monitoring Depth (m)	1.0		4.0		7.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.6	27.6	27.6	27.5	27.67	-
Salinity (ppt)	22.3	22.2	26.1	26.0	29.5	29.3	25.89	-
pH	7.3	7.2	7.3	7.2	7.2	7.2	7.22	
D.O. Saturation (%)	81.4	82.4	80.5	79.9	78.7	78.9	80.30	-
D.O. (mg/L)	5.7	5.8	5.5	5.5	5.3	5.3	5.49	5.31
Turbidity (NTU)	4.2	3.9	13.5	12.8	8.2	8.5	8.52	-
SS (mg/L)	5.0	5.0	14.0	12.0	9.0	9.0	9.00	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	16:45-16:48							
Water Depth (m)	9.4							
Monitoring Depth (m)	1.0		4.7		8.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.0	27.8	27.7	27.3	27.3	27.69	-
Salinity (ppt)	22.6	22.8	24.4	24.5	30.7	30.9	25.97	-
pH	7.2	7.2	7.2	7.2	7.2	7.1	7.19	
D.O. Saturation (%)	92.5	93.9	90.1	89.5	83.1	84.3	88.90	-
D.O. (mg/L)	6.4	6.5	6.2	6.1	5.6	5.6	6.06	5.59
Turbidity (NTU)	3.9	4.0	4.3	4.4	7.5	7.2	5.22	-
SS (mg/L)	4.0	6.0	6.0	7.0	6.0	5.0	5.67	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	17:03-17:05							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	-	-	27.6	27.6	27.60	-
Salinity (ppt)	27.2	27.1	-	-	28.4	28.4	27.74	-
pH	7.2	7.2	-	-	7.2	7.2	7.19	
D.O. Saturation (%)	79.5	79.1	-	-	81.5	82.1	80.55	-
D.O. (mg/L)	5.4	5.4	-	-	5.5	5.5	5.46	5.53
Turbidity (NTU)	4.9	4.7	-	-	5.3	5.0	4.98	-
SS (mg/L)	6.0	5.0	-	-	6.0	5.0	5.50	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	6.2	6.2	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	6.2	6.2	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	6.6	6.6	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	8.1	8.1	N	N	N	N	N	N	N	N	N	N

Sampling Date	12/10/2008
Weather & Ambient Temperature	Cloudy, 29C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	11:54-11:56							
Water Depth (m)	19.2							
Monitoring Depth (m)	1.0		9.6		18.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	28.1	27.5	27.9	27.3	27.4	27.71	-
Salinity (ppt)	28.9	29.1	29.2	30.0	31.0	31.1	29.88	-
pH	7.6	7.7	7.6	7.6	7.6	7.6	7.61	
D.O. Saturation (%)	92.3	91.3	84.1	83.6	81.9	84.2	86.23	-
D.O. (mg/L)	6.1	6.1	5.6	5.6	5.5	5.6	5.74	5.53
Turbidity (NTU)	5.5	5.3	5.8	5.8	17.5	17.3	9.53	-
SS (mg/L)	11.0	10.0	9.0	8.0	10.0	8.0	9.33	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	11:27-11:29							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.5	27.5	27.4	27.4	27.49	-
Salinity (ppt)	27.7	27.7	28.2	28.2	28.8	28.9	28.23	-
pH	7.7	7.7	7.7	7.6	7.6	7.6	7.65	
D.O. Saturation (%)	101.9	102.1	96.9	94.9	96.9	93.7	97.73	-
D.O. (mg/L)	6.9	6.9	6.5	6.4	6.5	6.3	6.60	6.42
Turbidity (NTU)	2.6	2.7	3.0	3.2	4.4	4.1	3.33	-
SS (mg/L)	8.0	8.0	5.0	4.0	5.0	6.0	6.00	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	11:02-11:04						Northing	Easting
Water Depth (m)	19.8						22.21.830	113.54.722
Monitoring Depth (m)	1.0		9.9		18.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	27.5	27.4	27.4	27.4	27.45	-
Salinity (ppt)	27.7	27.7	28.5	28.6	30.5	30.4	28.90	-
pH	7.6	7.6	7.5	7.5	7.4	7.4	7.49	
D.O. Saturation (%)	100.2	101.9	89.5	91.1	83.5	84.4	91.77	-
D.O. (mg/L)	6.8	6.9	6.0	6.1	5.6	5.64	6.18	5.61
Turbidity (NTU)	3.0	2.7	4.1	4.1	6.9	6.7	4.58	-
SS (mg/L)	5.0	5.0	7.0	5.0	4.0	5.0	5.17	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	11:16-11:17							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.5	27.5	27.4	27.4	27.51	-
Salinity (ppt)	27.6	28.1	28.6	28.7	28.7	28.8	28.42	-
pH	7.6	7.6	7.5	7.5	7.5	7.5	7.54	
D.O. Saturation (%)	100.5	97.1	96.6	94.0	96.6	96.4	96.87	-
D.O. (mg/L)	6.8	6.5	6.5	6.3	6.5	6.5	6.53	6.50
Turbidity (NTU)	3.6	3.4	3.9	4.0	4.3	4.1	3.88	-
SS (mg/L)	5.0	5.0	7.0	7.0	7.0	5.0	6.00	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	10:52-10:54						Northing	Easting
Water Depth (m)	18.6						21.22.264	113.53.690
Monitoring Depth (m)	1.0		9.3		17.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.4	27.4	27.4	27.4	27.46	-
Salinity (ppt)	27.1	27.9	28.8	28.8	30.2	30.1	28.80	-
pH	7.6	7.6	7.5	7.5	7.4	7.4	7.50	
D.O. Saturation (%)	100.4	97.2	88.1	88.3	84.7	85.7	90.73	-
D.O. (mg/L)	6.8	6.6	5.9	6.0	5.7	5.73	6.11	5.70
Turbidity (NTU)	2.9	3.1	4.5	4.2	4.6	4.8	4.02	-
SS (mg/L)	5.0	6.0	6.0	5.0	7.0	9.0	6.33	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	11:37-11:38							
Water Depth (m)	5.3							
Monitoring Depth (m)	1.0		2.7		4.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.6	-	-	27.5	27.5	27.51	-
Salinity (ppt)	27.8	27.7	-	-	28.2	28.3	28.00	-
pH	7.7	7.7	-	-	7.7	7.7	7.71	
D.O. Saturation (%)	101.5	107.4	-	-	104.7	102.2	103.95	-
D.O. (mg/L)	6.9	7.3	-	-	7.1	6.9	7.02	6.99
Turbidity (NTU)	2.7	2.9	-	-	2.7	2.9	2.80	-
SS (mg/L)	9.0	9.0	-	-	6.0	6.0		-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.5	5.5	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.7	5.7	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	12.4	12.4	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	12.1	12.1	N	N	N	N	N	N	N	N	N	N

Sampling Date	12/10/2008
Weather & Ambient Temperature	Cloudy, 28C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	18:01-18:03							
Water Depth (m)	16.4							
Monitoring Depth (m)	1.0		8.2		15.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	28.1	27.6	28.0	27.4	27.4	27.74	-
Salinity (ppt)	27.1	29.2	29.3	30.1	30.7	30.5	29.46	-
pH	7.6	7.5	7.5	7.5	7.5	7.5	7.52	
D.O. Saturation (%)	92.6	94.5	84.7	85.4	87.4	84.6	88.20	-
D.O. (mg/L)	6.2	6.3	5.7	5.7	5.8	5.7	5.89	5.74
Turbidity (NTU)	5.8	6.2	5.9	6.1	12.6	12.4	8.17	-
SS (mg/L)	8.0	10.0	9.0	8.0	8.0	7.0	8.33	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	16:46-16:47							
Water Depth (m)	6.6							
Monitoring Depth (m)	1.0		3.3		5.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.2	28.1	28.3	28.2	28.0	28.0	28.12	-
Salinity (ppt)	27.6	28.9	29.9	28.6	30.0	29.4	29.07	-
pH	7.6	7.6	7.6	7.6	7.6	7.6	7.57	
D.O. Saturation (%)	91.7	92.0	89.7	91.4	90.3	92.8	91.32	-
D.O. (mg/L)	6.1	6.1	5.9	6.1	6.0	6.2	6.07	6.08
Turbidity (NTU)	5.1	4.9	5.2	5.1	5.7	5.9	5.32	-
SS (mg/L)	8.0	8.0	8.0	9.0	9.0	8.0	8.33	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	17:36-17:38							
Water Depth (m)	7.8							
Monitoring Depth (m)	1.0		3.9		6.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.5	27.5	27.4	27.4	27.50	-
Salinity (ppt)	27.3	26.7	28.2	27.5	27.7	28.5	27.65	-
pH	7.8	7.8	7.7	7.7	7.7	7.7	7.73	
D.O. Saturation (%)	103.6	106.3	99.6	100.6	101.2	105.7	102.83	-
D.O. (mg/L)	7.0	7.2	6.7	6.8	6.9	7.1	6.96	7.00
Turbidity (NTU)	2.8	2.6	2.7	2.7	2.8	2.8	2.73	-
SS (mg/L)	4.0	5.0	5.0	6.0	5.0	6.0	5.17	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	17:11-17:13						Northing	Easting
Water Depth (m)	19.4						22.21.833	113.54.726
Monitoring Depth (m)	1.0		9.7		18.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.4	27.4	27.4	27.4	27.45	-
Salinity (ppt)	27.7	27.7	28.9	28.8	30.7	29.7	28.90	-
pH	7.7	7.7	7.7	7.7	7.6	7.6	7.65	
D.O. Saturation (%)	102.0	98.9	87.8	87.6	83.7	84.3	90.72	-
D.O. (mg/L)	6.9	6.7	5.9	5.9	5.6	5.7	6.10	5.62
Turbidity (NTU)	2.9	3.0	5.3	5.7	6.4	6.8	5.02	-
SS (mg/L)	6.0	6.0	5.0	4.0	6.0	5.0	5.33	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	17:25-17:27							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.5	27.5	27.4	27.4	27.52	-
Salinity (ppt)	27.5	27.5	28.6	28.6	28.8	28.7	28.29	-
pH	7.6	7.6	7.6	7.5	7.5	7.5	7.54	
D.O. Saturation (%)	100.5	100.0	96.1	94.3	95.9	96.5	97.22	-
D.O. (mg/L)	6.8	6.8	6.5	6.4	6.5	6.5	6.55	6.48
Turbidity (NTU)	2.9	2.8	3.8	4.0	4.5	4.9	3.82	-
SS (mg/L)	6.0	8.0	6.0	7.0	6.0	6.0	6.50	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	17:00-17:02						Northing	Easting
Water Depth (m)	18.8						22.21.266	113.56.692
Monitoring Depth (m)	1.0		9.4		17.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.4	27.4	27.4	27.4	27.46	-
Salinity (ppt)	27.1	25.5	29.0	28.8	29.7	30.0	28.34	-
pH	7.6	7.6	7.5	7.5	7.4	7.4	7.50	
D.O. Saturation (%)	102.8	105.1	83.5	85.0	85.7	82.6	90.78	-
D.O. (mg/L)	7.0	7.2	5.6	5.7	5.8	5.5	6.13	5.64
Turbidity (NTU)	3.2	3.5	4.7	4.7	5.3	5.1	4.42	-
SS (mg/L)	7.0	6.0	7.0	7.0	5.0	5.0	6.17	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	17:46-17:47							
Water Depth (m)	5.0							
Monitoring Depth (m)	1.0		2.5		4.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	-	-	27.5	27.4	27.53	-
Salinity (ppt)	27.7	27.7	-	-	27.5	26.3	27.29	-
pH	7.8	7.8	-	-	7.7	7.7	7.75	
D.O. Saturation (%)	107.0	105.2	-	-	103.7	102.4	104.58	-
D.O. (mg/L)	7.2	7.1	-	-	7.0	7.0	7.09	7.01
Turbidity (NTU)	2.7	2.7	-	-	3.4	3.1	2.98	-
SS (mg/L)	6.0	4.0	-	-	5.0	5.0	5.00	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.9	5.9	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	6.0	6.0	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	8.8	8.8	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	10.8	10.8	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/13/08
Weather & Ambient Temperature	Sunny, 29C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	12:05-12:07							
Water Depth (m)	20.8							
Monitoring Depth (m)	1.0		10.4		19.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.0	25.3	25.8	25.7	25.6	25.6	25.66	-
Salinity (ppt)	27.9	28.4	28.7	28.7	29.1	29.1	28.65	-
pH	7.9	7.9	8.0	8.0	8.0	8.0	7.97	
D.O. Saturation (%)	88.3	90.9	90.9	89.3	90.8	88.4	89.77	-
D.O. (mg/L)	7.4	7.7	7.6	7.5	7.6	7.4	7.52	7.50
Turbidity (NTU)	4.5	4.4	2.7	3.2	7.6	7.7	5.02	-
SS (mg/L)	6.0	7.0	7.0	7.0	5.0	6.0	6.33	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	11:39-11:40							
Water Depth (m)	8.5							
Monitoring Depth (m)	1.0		4.3		7.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.8	25.8	25.8	25.8	25.8	25.8	25.82	-
Salinity (ppt)	28.2	28.3	28.8	28.3	28.3	28.2	28.36	-
pH	8.0	8.0	8.0	8.0	8.0	8.0	7.97	
D.O. Saturation (%)	89.4	89.0	89.8	88.7	88.6	89.2	89.12	-
D.O. (mg/L)	7.5	7.5	7.7	7.4	7.4	7.5	7.49	7.44
Turbidity (NTU)	5.0	5.2	5.2	5.1	5.4	5.7	5.27	-
SS (mg/L)	7.0	7.0	7.0	6.0	6.0	6.0	6.50	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	12:22-12;24						Northing	Easting
Water Depth (m)	10.4						22.20.852	113.53.687
Monitoring Depth (m)	1.0		5.2		9.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.5	25.6	25.5	25.5	25.5	25.5	25.54	-
Salinity (ppt)	29.5	29.3	29.5	29.5	24.9	29.5	28.69	-
pH	8.0	8.0	8.0	8.0	8.0	8.0	7.99	
D.O. Saturation (%)	89.1	89.3	87.0	90.1	92.2	90.4	89.68	-
D.O. (mg/L)	7.4	7.5	7.3	7.5	7.9	7.55	7.53	7.74
Turbidity (NTU)	6.1	6.8	10.5	10.8	10.7	10.7	9.27	-
SS (mg/L)	8.0	7.0	7.0	6.0	4.0	4.0	6.00	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	11:30-11:31							
Water Depth (m)	8.1							
Monitoring Depth (m)	1.0		4.1		7.1			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.7	25.7	25.7	25.7	25.7	25.7	25.69	-
Salinity (ppt)	28.1	28.5	28.4	28.5	28.5	28.3	28.37	-
pH	8.0	8.0	8.0	8.0	8.0	8.0	7.98	
D.O. Saturation (%)	90.4	89.6	89.6	89.3	89.7	90.2	89.80	-
D.O. (mg/L)	7.6	7.5	7.5	7.5	7.5	7.6	7.53	7.54
Turbidity (NTU)	6.2	6.4	5.9	6.5	6.4	6.4	6.30	-
SS (mg/L)	6.0	7.0	5.0	6.0	6.0	8.0	6.33	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	12:36-12:37						Northing	Easting
Water Depth (m)	11.2						22.21.561	113.54.456
Monitoring Depth (m)	1.0		5.6		10.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.6	25.7	25.5	25.5	25.5	25.5	25.56	-
Salinity (ppt)	29.3	29.3	29.5	29.5	29.7	29.6	29.49	-
pH	8.0	8.0	8.0	8.0	8.0	8.0	7.99	
D.O. Saturation (%)	88.0	88.2	89.9	88.3	90.5	89.6	89.08	-
D.O. (mg/L)	7.4	7.4	7.5	7.4	7.6	7.48	7.44	7.52
Turbidity (NTU)	5.2	4.9	9.1	8.9	9.9	9.6	7.93	-
SS (mg/L)	5.0	6.0	8.0	6.0	8.0	6.0	6.50	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	11:48-11:49							
Water Depth (m)	5.7							
Monitoring Depth (m)	1.0		2.9		4.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.9	25.9	-	-	25.9	25.9	25.89	-
Salinity (ppt)	27.8	27.8	-	-	27.8	27.9	27.83	-
pH	7.9	7.9	-	-	7.9	7.9	7.93	
D.O. Saturation (%)	88.9	89.1	-	-	88.2	88.5	88.68	-
D.O. (mg/L)	7.5	7.5	-	-	7.4	7.4	7.43	7.41
Turbidity (NTU)	3.7	3.8	-	-	4.7	4.7	4.23	-
SS (mg/L)	6.0	7.0	-	-	9.0	8.0	7.50	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	7.5	7.5	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	7.5	7.5	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	6.5	6.5	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	8.2	8.2	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/13/08
Weather & Ambient Temperature	Cloudy, 28C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	16:48-16:50							
Water Depth (m)	16.1							
Monitoring Depth (m)	1.0		8.1		15.1			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.0	26.0	25.8	25.8	25.7	25.7	25.83	-
Salinity (ppt)	27.8	27.9	28.6	28.6	28.9	28.9	28.44	-
pH	7.9	7.9	8.0	8.0	8.0	8.0	7.96	
D.O. Saturation (%)	88.4	88.9	88.1	87.7	88.2	88.3	88.27	-
D.O. (mg/L)	7.4	7.4	7.4	7.3	7.4	7.4	7.38	7.38
Turbidity (NTU)	4.6	5.2	6.8	6.8	6.4	6.1	5.98	-
SS (mg/L)	7.0	6.0	6.0	7.0	5.0	6.0	6.17	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	18:10-18:12							
Water Depth (m)	6.8							
Monitoring Depth (m)	1.0		3.4		5.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.6	25.6	25.6	25.6	25.6	25.6	25.61	-
Salinity (ppt)	28.7	28.6	28.6	28.7	28.8	28.6	28.66	-
pH	8.0	8.0	8.0	8.0	8.0	8.0	7.99	
D.O. Saturation (%)	93.6	94.7	95.6	93.6	97.3	93.6	94.73	-
D.O. (mg/L)	7.8	7.9	8.0	7.8	8.1	7.8	7.93	7.99
Turbidity (NTU)	6.3	6.2	6.6	6.6	7.2	7.1	6.67	-
SS (mg/L)	4.0	5.0	6.0	5.0	5.0	4.0	4.83	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	17:11-17:14						Northing	Easting
Water Depth (m)	11.4						22.21.559	113.54.468
Monitoring Depth (m)	1.0		5.7		10.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.7	25.7	25.5	25.5	25.5	25.5	25.56	-
Salinity (ppt)	29.3	29.2	29.5	29.5	27.7	29.6	29.11	-
pH	8.0	8.0	8.0	8.0	8.0	8.0	7.99	
D.O. Saturation (%)	89.3	88.8	89.2	86.7	89.2	88.7	88.65	-
D.O. (mg/L)	7.5	7.4	7.5	7.3	7.5	7.4	7.42	7.48
Turbidity (NTU)	6.3	6.3	11.2	11.8	11.7	11.3	9.77	-
SS (mg/L)	9.0	9.0	7.0	8.0	6.0	7.0	7.67	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	17:00-17:02						Northing	Easting
Water Depth (m)	11.6						22.21.223	113.54.829
Monitoring Depth (m)	1.0		5.8		10.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.7	25.6	25.5	25.5	25.5	25.5	25.55	-
Salinity (ppt)	29.3	29.3	28.5	29.5	29.6	29.6	29.29	-
pH	8.0	8.0	8.0	8.0	8.0	8.0	7.99	
D.O. Saturation (%)	89.9	89.0	88.1	88.6	89.1	89.3	89.00	-
D.O. (mg/L)	7.5	7.4	7.4	7.4	7.4	7.5	7.44	7.45
Turbidity (NTU)	4.5	4.8	8.5	8.3	7.2	7.0	6.72	-
SS (mg/L)	5.0	5.0	7.0	5.0	6.0	6.0	5.67	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	17:38-17:41							
Water Depth (m)	8.3							
Monitoring Depth (m)	1.0		4.2		7.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.8	25.8	25.8	25.8	25.8	25.8	25.82	-
Salinity (ppt)	28.3	25.5	28.4	28.3	28.7	28.3	27.91	-
pH	8.0	8.0	8.0	8.0	7.9	8.0	7.96	
D.O. Saturation (%)	90.9	89.4	91.5	89.8	93.6	90.7	90.98	-
D.O. (mg/L)	7.6	7.6	7.7	7.5	7.8	7.6	7.63	7.70
Turbidity (NTU)	11.0	11.1	11.8	11.3	11.1	11.7	11.33	-
SS (mg/L)	5.0	5.0	5.0	5.0	5.0	6.0	5.17	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	17:49-17:51							
Water Depth (m)	8.7							
Monitoring Depth (m)	1.0		4.4		7.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.7	25.7	25.7	25.7	25.7	25.7	25.69	-
Salinity (ppt)	28.5	28.5	28.4	28.5	28.5	28.4	28.44	-
pH	8.0	8.0	8.0	8.0	8.0	8.0	7.98	
D.O. Saturation (%)	90.0	90.5	91.0	89.8	90.4	91.8	90.58	-
D.O. (mg/L)	7.5	7.6	7.6	7.5	7.6	7.7	7.59	7.63
Turbidity (NTU)	10.2	10.1	10.5	10.8	10.5	10.6	10.45	-
SS (mg/L)	7.0	5.0	5.0	4.0	8.0	7.0	6.00	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	17:29-17:30							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.9	25.9	-	-	25.9	25.9	25.93	-
Salinity (ppt)	27.8	27.8	-	-	28.2	27.8	27.91	-
pH	7.9	7.9	-	-	7.9	7.9	7.91	
D.O. Saturation (%)	92.1	90.0	-	-	93.9	89.1	91.28	-
D.O. (mg/L)	7.7	7.5	-	-	7.8	7.5	7.64	7.65
Turbidity (NTU)	6.6	6.6	-	-	7.5	7.7	7.10	-
SS (mg/L)	6.0	4.0	-	-	5.0	4.0	4.75	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	7.7	7.7	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	7.7	7.7	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	8.2	8.2	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	7.2	7.2	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/14/2008
Weather & Ambient Temperature	Sunny, 28C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	13:06-13:08							
Water Depth (m)	19.2							
Monitoring Depth (m)	1.0		9.6		18.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.5	28.6	28.4	28.3	27.9	27.8	28.24	-
Salinity (ppt)	28.6	28.5	29.5	29.5	30.9	31.0	29.66	-
pH	7.7	7.7	7.7	7.7	7.6	7.7	7.66	
D.O. Saturation (%)	83.8	82.9	79.6	77.8	74.0	76.3	79.07	-
D.O. (mg/L)	5.6	5.5	5.3	5.2	4.9	5.1	5.27	5.01
Turbidity (NTU)	5.6	5.6	7.6	7.2	11.2	11.1	8.05	-
SS (mg/L)	8.0	8.0	7.0	8.0	9.0	8.0	8.00	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	12:38-12:40							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.4	28.6	28.3	28.3	28.2	28.1	28.32	-
Salinity (ppt)	20.6	20.3	25.1	24.8	27.8	27.3	24.31	-
pH	7.4	7.4	7.6	7.5	7.5	7.5	7.49	
D.O. Saturation (%)	76.9	78.1	73.9	73.7	74.0	72.8	74.90	-
D.O. (mg/L)	5.4	5.5	5.0	5.0	5.0	4.9	5.13	4.96
Turbidity (NTU)	6.3	6.6	7.1	7.0	7.5	7.6	7.02	-
SS (mg/L)	8.0	9.0	8.0	8.0	8.0	10.0	8.50	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	12:05-12:07						Northing	Easting
Water Depth (m)	13.6						22.21.555	113.54.280
Monitoring Depth (m)	1.0		6.8		12.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.3	28.3	28.3	28.2	28.2	28.1	28.23	-
Salinity (ppt)	24.6	24.6	29.3	29.4	29.7	29.9	27.92	-
pH	7.6	7.6	7.6	7.6	7.7	7.6	7.62	
D.O. Saturation (%)	80.1	80.7	77.1	76.5	76.3	75.8	77.75	-
D.O. (mg/L)	5.5	5.5	5.2	5.1	5.1	5.06	5.24	5.08
Turbidity (NTU)	6.2	6.2	7.8	7.7	10.5	10.7	8.18	-
SS (mg/L)	6.0	6.0	7.0	9.0	8.0	10.0	7.67	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	12:27-12:31							
Water Depth (m)	9.2							
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.6	28.5	28.3	28.3	28.3	28.3	28.36	-
Salinity (ppt)	18.5	20.5	27.1	24.8	28.0	27.7	24.44	-
pH	7.5	7.5	7.6	7.6	7.6	7.6	7.57	
D.O. Saturation (%)	77.1	77.6	75.0	74.9	75.4	75.9	75.98	-
D.O. (mg/L)	5.4	5.4	5.1	5.1	5.1	5.1	5.20	5.08
Turbidity (NTU)	6.8	6.8	6.7	6.6	7.1	6.9	6.82	-
SS (mg/L)	9.0	10.0	10.0	8.0	8.0	8.0	8.83	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	11:54-11:56						Northing	Easting
Water Depth (m)	14.8						22.21.192	113.55.055
Monitoring Depth (m)	1.0		7.4		13.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	28.1	27.9	28.1	27.8	27.8	27.98	-
Salinity (ppt)	26.7	26.7	30.2	29.9	30.9	30.7	29.17	-
pH	7.6	7.6	7.7	7.7	7.7	7.7	7.66	
D.O. Saturation (%)	76.7	78.0	71.9	74.3	73.2	71.8	74.32	-
D.O. (mg/L)	5.2	5.3	4.8	5.0	4.9	4.80	5.00	4.84
Turbidity (NTU)	7.3	7.2	8.6	8.7	11.1	11.0	8.98	-
SS (mg/L)	8.0	8.0	9.0	8.0	9.0	8.0	8.33	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	12:49-12:50							
Water Depth (m)	5.7							
Monitoring Depth (m)	1.0		2.9		4.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.5	28.5	-	-	28.2	28.2	28.33	-
Salinity (ppt)	20.1	19.8	-	-	25.5	24.7	22.56	-
pH	7.4	7.5	-	-	7.5	7.4	7.45	
D.O. Saturation (%)	77.9	77.2	-	-	75.7	78.4	77.30	-
D.O. (mg/L)	5.5	5.4	-	-	5.2	5.4	5.35	5.27
Turbidity (NTU)	9.3	9.3	-	-	9.5	9.6	9.43	-
SS (mg/L)	7.0	9.0	-	-	8.0	6.0	7.50	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.0	5.0	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.3	5.3	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	10.5	10.5	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	10.4	10.4	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/14/2008
Weather & Ambient Temperature	Sunny, 28C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	17:48-17:49							
Water Depth (m)	16.4							
Monitoring Depth (m)	1.0		8.2		15.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.6	28.6	28.4	28.4	28.0	27.9	28.33	-
Salinity (ppt)	28.5	28.5	29.3	29.3	30.6	30.9	29.51	-
pH	7.6	7.7	7.7	7.7	7.7	7.7	7.66	
D.O. Saturation (%)	82.7	83.8	77.4	78.0	75.8	75.7	78.90	-
D.O. (mg/L)	5.5	5.6	5.2	5.2	5.1	5.1	5.27	5.06
Turbidity (NTU)	5.4	5.5	7.2	7.3	8.8	9.1	7.22	-
SS (mg/L)	8.0	10.0	9.0	9.0	9.0	8.0	8.83	-
Remarks	No dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	16;25-16:26							
Water Depth (m)	6.8							
Monitoring Depth (m)	1.0		3.4		5.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.7	28.6	28.3	28.3	28.4	28.4	28.43	-
Salinity (ppt)	18.3	18.7	24.8	24.8	27.3	27.3	23.52	-
pH	7.5	7.5	7.6	7.6	7.6	7.6	7.56	
D.O. Saturation (%)	77.2	77.4	75.3	74.6	76.1	74.7	75.88	-
D.O. (mg/L)	5.4	5.5	5.2	5.1	5.1	5.0	5.22	5.08
Turbidity (NTU)	6.7	6.6	6.5	6.6	7.0	6.7	6.68	-
SS (mg/L)	9.0	8.0	8.0	7.0	6.0	8.0	7.67	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	17:19-17:21							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.7	28.6	28.4	28.5	28.2	28.3	28.43	-
Salinity (ppt)	19.0	19.9	25.3	24.6	29.1	28.4	24.39	-
pH	7.5	7.5	7.5	7.5	7.6	7.6	7.53	
D.O. Saturation (%)	76.9	76.9	74.5	74.6	74.3	74.1	75.22	-
D.O. (mg/L)	5.4	5.4	5.1	5.1	5.0	5.0	5.15	4.98
Turbidity (NTU)	6.8	6.8	8.0	8.0	8.4	8.2	7.70	-
SS (mg/L)	9.0	8.0	8.0	9.0	9.0	8.0	8.50	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	16:53-16:55						Northing	Easting
Water Depth (m)	14.0						22.21.556	113.54.272
Monitoring Depth (m)	1.0		7.0		13.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.4	29.8	28.4	28.4	28.3	28.2	28.57	-
Salinity (ppt)	25.4	27.0	29.2	29.2	29.6	29.8	28.35	-
pH	7.6	7.8	7.7	7.7	7.7	7.7	7.68	
D.O. Saturation (%)	80.3	82.5	76.9	76.6	75.9	75.8	78.00	-
D.O. (mg/L)	5.5	5.5	5.1	5.1	5.1	5.1	5.23	5.07
Turbidity (NTU)	5.9	6.8	6.9	7.0	8.5	8.4	7.25	-
SS (mg/L)	8.0	7.0	8.0	7.0	10.0	8.0	8.00	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	17:33-17:35							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.7	28.7	28.3	28.4	28.4	28.4	28.47	-
Salinity (ppt)	17.7	17.6	25.2	26.1	27.9	27.7	23.72	-
pH	7.5	7.5	7.6	7.6	7.6	7.6	7.55	
D.O. Saturation (%)	77.9	77.2	74.9	74.9	75.8	75.6	76.05	-
D.O. (mg/L)	5.5	5.5	5.1	5.1	5.1	5.1	5.22	5.09
Turbidity (NTU)	7.0	7.0	6.8	6.9	6.8	6.8	6.88	-
SS (mg/L)	7.0	6.0	8.0	8.0	7.0	8.0	7.33	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	16:41-16:43						Northing	Easting
Water Depth (m)	15.0						22.21.200	113.55.057
Monitoring Depth (m)	1.0		7.5		14.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	28.2	28.0	28.1	27.8	27.9	28.01	-
Salinity (ppt)	26.3	26.5	30.3	7.7	30.7	30.9	29.11	-
pH	7.6	7.6	7.6	7.7	7.6	7.6	7.62	
D.O. Saturation (%)	77.8	77.8	72.0	73.2	73.1	71.2	74.18	-
D.O. (mg/L)	5.3	5.3	4.8	4.9	4.9	4.8	4.99	4.82
Turbidity (NTU)	7.4	7.3	8.7	8.7	11.2	11.5	9.13	-
SS (mg/L)	8.0	6.0	8.0	9.0	8.0	8.0	7.83	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	17:06-17:08							
Water Depth (m)	5.5							
Monitoring Depth (m)	1.0		2.8		4.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.6	28.5	-	-	28.3	28.3	28.40	-
Salinity (ppt)	20.3	20.4	-	-	25.6	25.9	23.04	-
pH	7.5	7.5	-	-	7.5	7.5	7.49	
D.O. Saturation (%)	77.0	76.5	-	-	75.2	75.0	75.93	-
D.O. (mg/L)	5.4	5.3	-	-	5.1	5.1	5.24	5.12
Turbidity (NTU)	6.7	6.6	-	-	7.0	7.0	6.83	-
SS (mg/L)	8.0	8.0	-	-	8.0	7.0	7.75	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.1	5.1	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.2	5.2	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	9.0	9.0	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	10.7	10.7	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/15/08
Weather & Ambient Temperature	Sunny, 26C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	13:15-13:17							
Water Depth (m)	20.2							
Monitoring Depth (m)	1.0		10.1		19.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.0	25.4	25.8	25.8	25.6	25.6	25.71	-
Salinity (ppt)	27.3	27.8	28.1	28.1	28.4	28.4	28.00	-
pH	8.2	8.2	8.2	8.2	8.2	8.3	8.22	
D.O. Saturation (%)	104.8	107.4	107.4	105.8	107.3	104.9	106.27	-
D.O. (mg/L)	8.2	8.5	8.4	8.3	8.4	8.2	8.31	8.29
Turbidity (NTU)	1.2	1.1	7.8	8.3	12.7	12.8	7.32	-
SS (mg/L)	8.0	8.0	8.0	10.0	8.0	9.0	8.50	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	12:48-12:49							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.9	25.9	25.9	25.9	25.9	25.9	25.87	-
Salinity (ppt)	27.7	27.6	28.2	27.6	27.6	27.6	27.71	-
pH	8.2	8.2	8.2	8.2	8.2	8.2	8.22	
D.O. Saturation (%)	105.5	105.9	106.3	105.2	105.1	105.7	105.62	-
D.O. (mg/L)	8.2	8.3	8.5	8.2	8.2	8.3	8.28	8.23
Turbidity (NTU)	6.1	5.9	6.1	6.0	6.3	6.6	6.17	-
SS (mg/L)	8.0	8.0	8.0	9.0	8.0	8.0	8.17	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	13:32-13:33						Northing	Easting
Water Depth (m)	11.0						22.20.791	113.53.647
Monitoring Depth (m)	1.0		5.5		10.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.6	25.7	25.6	25.6	25.6	25.6	25.59	-
Salinity (ppt)	28.8	28.6	28.9	28.8	24.2	28.9	28.04	-
pH	8.2	8.2	8.2	8.2	8.2	8.2	8.24	
D.O. Saturation (%)	105.6	105.8	103.5	106.6	108.7	106.9	106.18	-
D.O. (mg/L)	8.2	8.2	8.1	8.3	8.7	8.34	8.32	8.53
Turbidity (NTU)	2.8	3.5	7.2	7.5	7.4	7.4	5.97	-
SS (mg/L)	8.0	10.0	8.0	10.0	8.0	8.0	8.67	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	12:40-12:41							
Water Depth (m)	8.5							
Monitoring Depth (m)	1.0		4.3		7.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.8	25.7	25.7	25.7	25.7	25.7	25.74	-
Salinity (ppt)	27.4	27.8	27.8	27.9	27.6	27.8	27.72	-
pH	8.2	8.2	8.2	8.2	8.2	8.2	8.23	
D.O. Saturation (%)	106.9	106.1	106.1	105.8	106.7	106.2	106.30	-
D.O. (mg/L)	8.4	8.3	8.3	8.3	8.4	8.3	8.32	8.33
Turbidity (NTU)	7.1	7.3	6.8	7.4	7.3	7.3	7.20	-
SS (mg/L)	8.0	10.0	9.0	9.0	8.0	9.0	8.83	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	13:46-13:47						Northing	Easting
Water Depth (m)	11.8						22.21.511	113.54.436
Monitoring Depth (m)	1.0		5.9		10.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.7	25.7	25.6	25.6	25.6	25.5	25.61	-
Salinity (ppt)	28.6	28.7	28.9	28.9	28.9	29.1	28.84	-
pH	8.2	8.2	8.2	8.3	8.2	8.2	8.24	
D.O. Saturation (%)	104.5	104.7	106.4	104.8	106.1	107.0	105.58	-
D.O. (mg/L)	8.1	8.2	8.3	8.2	8.3	8.35	8.23	8.31
Turbidity (NTU)	1.9	1.6	5.8	5.6	6.3	6.6	4.63	-
SS (mg/L)	9.0	9.0	8.0	9.0	9.0	10.0	9.00	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	12:58-12:58							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.0	25.9	-	-	26.0	25.9	25.94	-
Salinity (ppt)	27.1	27.2	-	-	27.2	27.3	27.18	-
pH	8.2	8.2	-	-	8.2	8.2	8.18	
D.O. Saturation (%)	105.4	105.6	-	-	104.7	105.0	105.18	-
D.O. (mg/L)	8.2	8.3	-	-	8.2	8.2	8.22	8.20
Turbidity (NTU)	4.6	4.7	-	-	5.6	5.6	5.13	-
SS (mg/L)	9.0	10.0	-	-	10.0	9.0	9.50	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	8.3	8.3	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	8.3	8.3	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	9.5	9.5	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	11.1	11.1	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/15/08
Weather & Ambient Temperature	Cloudy, 27C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	17:42-17:44							
Water Depth (m)	16.3							
Monitoring Depth (m)	1.0		8.2		15.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.0	26.1	25.8	25.8	25.8	25.8	25.88	-
Salinity (ppt)	27.2	27.2	27.9	28.0	28.2	28.2	27.79	-
pH	8.2	8.2	8.2	8.2	8.2	8.2	8.21	
D.O. Saturation (%)	105.4	104.9	104.2	104.6	104.8	104.7	104.77	-
D.O. (mg/L)	8.2	8.2	8.1	8.2	8.2	8.2	8.17	8.17
Turbidity (NTU)	1.9	1.3	3.5	3.5	2.8	3.1	2.68	-
SS (mg/L)	9.0	11.0	10.0	10.0	11.0	12.0	10.50	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	19:04-19:06							
Water Depth (m)	6.9							
Monitoring Depth (m)	1.0		3.5		5.9			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.7	25.7	25.7	25.7	25.7	25.6	25.66	-
Salinity (ppt)	28.1	27.9	27.9	28.1	27.9	28.1	28.01	-
pH	8.3	8.2	8.2	8.2	8.2	8.2	8.24	
D.O. Saturation (%)	110.1	111.2	112.1	110.1	110.1	113.8	111.23	-
D.O. (mg/L)	8.6	8.7	8.8	8.6	8.6	8.9	8.72	8.78
Turbidity (NTU)	3.0	2.9	3.3	3.3	3.8	3.9	3.37	-
SS (mg/L)	8.0	8.0	8.0	9.0	10.0	9.0	8.67	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	18:32-18:34							
Water Depth (m)	8.3							
Monitoring Depth (m)	1.0		4.2		7.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.9	25.9	25.9	25.9	25.9	25.9	25.87	-
Salinity (ppt)	27.6	24.8	27.7	27.6	28.1	27.7	27.26	-
pH	8.2	8.2	8.2	8.2	8.2	8.2	8.21	
D.O. Saturation (%)	107.4	105.9	108.0	106.3	110.1	107.2	107.48	-
D.O. (mg/L)	8.4	8.4	8.4	8.3	8.6	8.4	8.42	8.49
Turbidity (NTU)	7.7	7.8	8.5	8.0	7.8	8.4	8.03	-
SS (mg/L)	8.0	8.0	8.0	8.0	10.0	11.0	8.83	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	18:05-18:08						Northing	Easting
Water Depth (m)	12.3						22.21.561	113.54.423
Monitoring Depth (m)	1.0		6.2		11.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.7	25.7	25.6	25.6	25.6	25.6	25.61	-
Salinity (ppt)	28.6	28.6	28.9	28.8	28.9	27.0	28.46	-
pH	8.2	8.2	8.2	8.3	8.3	8.2	8.24	
D.O. Saturation (%)	105.3	105.8	105.7	103.2	105.2	105.7	105.15	-
D.O. (mg/L)	8.2	8.2	8.2	8.0	8.2	8.3	8.21	8.27
Turbidity (NTU)	3.0	3.0	7.9	8.5	8.0	8.4	6.47	-
SS (mg/L)	12.0	11.0	10.0	10.0	9.0	9.0	10.17	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	18:42-18:45							
Water Depth (m)	8.7							
Monitoring Depth (m)	1.0		4.4		7.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.7	25.7	25.7	25.7	25.7	25.7	25.74	-
Salinity (ppt)	27.8	27.8	27.7	27.8	27.8	27.8	27.79	-
pH	8.2	8.2	8.2	8.2	8.2	8.2	8.23	
D.O. Saturation (%)	106.5	107.0	107.5	106.3	106.9	108.3	107.08	-
D.O. (mg/L)	8.3	8.4	8.4	8.3	8.4	8.5	8.38	8.42
Turbidity (NTU)	6.9	6.8	7.2	7.5	7.2	7.3	7.15	-
SS (mg/L)	11.0	11.0	8.0	8.0	10.0	8.0	9.33	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	17:54-17:56						Northing	Easting
Water Depth (m)	12.4						22.21.323	113.54.841
Monitoring Depth (m)	1.0		6.2		11.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.7	25.7	25.6	25.6	25.6	25.6	25.60	-
Salinity (ppt)	28.6	28.7	27.8	28.9	28.9	28.9	28.64	-
pH	8.3	8.3	8.2	8.3	8.3	8.2	8.25	
D.O. Saturation (%)	106.4	105.5	104.6	105.1	105.8	105.6	105.50	-
D.O. (mg/L)	8.3	8.2	8.2	8.2	8.3	8.2	8.23	8.24
Turbidity (NTU)	1.2	1.5	5.2	5.0	3.7	3.9	3.42	-
SS (mg/L)	9.0	10.0	9.0	11.0	11.0	13.0	10.50	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	18:23-18:24							
Water Depth (m)	5.8							
Monitoring Depth (m)	1.0		2.9		4.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.0	26.0	-	-	26.0	26.0	25.98	-
Salinity (ppt)	27.2	27.1	-	-	27.2	27.5	27.26	-
pH	8.2	8.2	-	-	8.2	8.1	8.16	
D.O. Saturation (%)	108.6	106.5	-	-	105.6	110.4	107.78	-
D.O. (mg/L)	8.5	8.3	-	-	8.3	8.6	8.43	8.44
Turbidity (NTU)	3.3	3.3	-	-	4.4	4.2	3.80	-
SS (mg/L)	10.0	8.0	-	-	11.0	9.0	9.50	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	8.5	8.5	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	8.4	8.4	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	3.9	3.9	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	12.5	12.5	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/16/08
Weather & Ambient Temperature	Sunny, 29C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	13:28-13:31							
Water Depth (m)	20.2							
Monitoring Depth (m)	1.0		10.1		19.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.4	26.8	26.7	26.5	26.6	26.90	-
Salinity (ppt)	22.4	22.4	27.2	27.3	28.3	28.3	25.97	-
pH	7.0	7.0	7.1	7.1	7.1	7.1	7.06	
D.O. Saturation (%)	82.9	82.1	79.7	78.7	82.4	82.2	81.33	-
D.O. (mg/L)	5.7	5.6	5.4	5.3	5.6	5.5	5.52	5.55
Turbidity (NTU)	8.7	8.4	9.5	9.3	12.0	11.6	9.92	-
SS (mg/L)	11.0	11.0	8.0	8.0	10.0	12.0	10.00	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	13:54-13:56							
Water Depth (m)	7.6							
Monitoring Depth (m)	1.0		3.8		6.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.3	27.2	27.0	27.0	27.28	-
Salinity (ppt)	22.3	22.2	24.5	24.4	26.1	26.1	24.25	-
pH	7.0	7.0	7.0	7.1	7.1	7.1	7.04	
D.O. Saturation (%)	84.5	83.3	83.5	82.8	85.5	86.6	84.37	-
D.O. (mg/L)	5.8	5.8	5.7	5.7	5.8	5.9	5.76	5.84
Turbidity (NTU)	9.3	9.0	10.0	10.1	10.7	10.5	9.93	-
SS (mg/L)	8.0	10.0	9.0	9.0	9.0	8.0	8.83	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	14:20-14:23						Northing	Easting
Water Depth (m)	9.2						22.21.579	113.54.275
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.6	26.3	26.3	26.2	26.2	26.71	-
Salinity (ppt)	28.2	28.1	29.2	29.2	29.6	29.6	28.98	-
pH	7.1	7.1	7.1	7.1	7.2	7.2	7.13	
D.O. Saturation (%)	82.2	81.6	76.6	75.2	78.0	78.3	78.65	-
D.O. (mg/L)	5.5	5.5	5.0	5.1	5.3	5.27	5.26	5.26
Turbidity (NTU)	11.1	10.8	12.6	13.0	14.7	14.3	12.75	-
SS (mg/L)	9.0	8.0	8.0	10.0	9.0	9.0	8.83	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	14:05-14:07							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.3	27.3	27.2	27.2	27.35	-
Salinity (ppt)	22.6	22.6	24.7	24.6	25.0	25.1	24.09	-
pH	7.0	7.0	7.1	7.1	7.1	7.1	7.06	
D.O. Saturation (%)	84.5	84.3	85.4	85.1	86.2	87.2	85.45	-
D.O. (mg/L)	5.8	5.8	5.8	5.8	5.9	5.9	5.83	5.90
Turbidity (NTU)	8.2	8.3	8.6	8.7	9.4	9.1	8.72	-
SS (mg/L)	6.0	7.0	9.0	8.0	9.0	8.0	7.83	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	14:31-14:33						Northing	Easting
Water Depth (m)	10.4						22.21.234	113.54.894
Monitoring Depth (m)	1.0		5.2		9.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.0	27.1	26.3	26.3	26.1	26.1	26.47	-
Salinity (ppt)	28.7	28.7	29.6	29.5	29.8	29.8	29.35	-
pH	7.1	7.1	7.1	7.1	7.1	7.0	7.07	
D.O. Saturation (%)	82.7	83.5	81.4	80.4	81.1	82.4	81.92	-
D.O. (mg/L)	5.5	5.6	5.5	5.4	5.5	5.56	5.51	5.55
Turbidity (NTU)	10.0	10.3	10.8	11.2	12.5	12.3	11.18	-
SS (mg/L)	10.0	10.0	9.0	8.0	8.0	8.0	8.83	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	13:45-13:47							
Water Depth (m)	5.4							
Monitoring Depth (m)	1.0		2.7		4.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.6	-	-	27.2	27.2	27.37	-
Salinity (ppt)	23.7	23.6	-	-	24.7	24.7	24.17	-
pH	7.1	7.0	-	-	7.1	7.1	7.06	
D.O. Saturation (%)	90.2	91.2	-	-	92.5	93.0	91.73	-
D.O. (mg/L)	6.2	6.2	-	-	6.3	6.3	6.26	6.31
Turbidity (NTU)	7.3	7.1	-	-	9.2	9.1	8.18	-
SS (mg/L)	9.0	9.0	-	-	10.0	12.0	10.00	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.6	5.6	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.5	5.5	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	12.9	12.9	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	13.0	13.0	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/16/08
Weather & Ambient Temperature	Fine, 28C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	19:29-19:32							
Water Depth (m)	16.0							
Monitoring Depth (m)	1.0		8.0		15.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.7	26.8	26.0	26.0	25.9	25.9	26.22	-
Salinity (ppt)	29.2	29.1	30.0	30.0	30.2	30.2	29.81	-
pH	6.9	6.9	6.9	6.9	6.9	6.9	6.90	
D.O. Saturation (%)	83.7	83.3	79.8	78.2	85.0	84.2	82.37	-
D.O. (mg/L)	5.6	5.6	5.4	5.3	5.7	5.7	5.53	5.71
Turbidity (NTU)	10.5	10.4	11.7	11.9	12.3	12.5	11.55	-
SS (mg/L)	5.0	4.0	10.0	9.0	9.0	10.0	7.83	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	18:13-18:15							
Water Depth (m)	6.2							
Monitoring Depth (m)	1.0		3.1		5.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	26.8	26.8	26.7	26.7	26.93	-
Salinity (ppt)	25.4	25.4	26.8	26.8	27.2	27.1	26.44	-
pH	7.1	7.1	7.1	7.1	7.1	7.1	7.09	
D.O. Saturation (%)	83.3	82.3	81.9	82.0	84.6	84.1	83.03	-
D.O. (mg/L)	5.6	5.6	5.6	5.6	5.7	5.7	5.62	5.71
Turbidity (NTU)	6.5	6.7	8.0	8.2	9.3	9.7	8.07	-
SS (mg/L)	8.0	9.0	10.0	10.0	8.0	9.0	9.00	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	18:38-18:40							
Water Depth (m)	7.6							
Monitoring Depth (m)	1.0		3.8		6.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.4	27.1	27.1	26.9	26.9	27.15	-
Salinity (ppt)	22.4	22.5	24.5	24.4	25.8	25.9	24.26	-
pH	7.0	7.0	7.1	7.0	7.1	7.1	7.05	
D.O. Saturation (%)	83.9	83.5	82.9	82.7	84.7	85.8	83.92	-
D.O. (mg/L)	5.8	5.7	5.7	5.6	5.8	5.8	5.73	5.79
Turbidity (NTU)	8.8	8.6	9.6	9.4	10.1	9.9	9.40	-
SS (mg/L)	9.0	10.0	9.0	9.0	8.0	9.0	9.00	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	19:02-19:04						Northing	Easting
Water Depth (m)	9.4						22.21.587	113.54.266
Monitoring Depth (m)	1.0		4.7		8.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.1	27.0	26.6	26.6	26.1	26.1	26.58	-
Salinity (ppt)	27.9	27.8	29.2	29.2	29.7	29.7	28.89	-
pH	7.1	7.1	7.1	7.1	7.1	7.1	7.12	
D.O. Saturation (%)	80.6	79.1	73.5	74.0	78.1	78.3	77.27	-
D.O. (mg/L)	5.4	5.3	4.9	4.9	5.2	5.3	5.16	5.26
Turbidity (NTU)	11.4	11.8	12.2	12.8	14.5	14.4	12.85	-
SS (mg/L)	6.0	8.0	7.0	7.0	6.0	6.0	6.67	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	18:27-18:29							
Water Depth (m)	9.2							
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.4	27.3	27.3	27.3	27.3	27.31	-
Salinity (ppt)	22.8	22.7	23.4	23.3	23.3	23.5	23.18	-
pH	7.0	7.0	7.0	7.0	7.1	7.1	7.05	
D.O. Saturation (%)	85.2	84.9	85.9	86.0	86.2	86.4	85.77	-
D.O. (mg/L)	5.8	5.8	5.9	5.9	5.9	5.9	5.86	5.89
Turbidity (NTU)	9.0	8.9	9.6	9.4	10.7	10.5	9.68	-
SS (mg/L)	8.0	8.0	8.0	7.0	8.0	8.0	7.83	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	19:14-19:16						Northing	Easting
Water Depth (m)	10.6						22.21.242	113.54.890
Monitoring Depth (m)	1.0		5.3		9.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.9	26.9	26.2	26.1	26.0	25.9	26.33	-
Salinity (ppt)	27.5	27.5	29.1	15.0	29.7	29.7	28.76	-
pH	7.1	7.1	7.1	7.1	7.1	7.1	7.07	
D.O. Saturation (%)	80.2	79.2	77.7	77.8	78.9	79.7	78.92	-
D.O. (mg/L)	5.4	5.3	5.3	5.2	5.3	5.4	5.31	5.34
Turbidity (NTU)	13.0	12.7	13.5	13.4	14.3	14.0	13.48	-
SS (mg/L)	8.0	7.0	8.0	7.0	6.0	7.0	7.17	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	18:48-18:49							
Water Depth (m)	5.5							
Monitoring Depth (m)	1.0		2.8		4.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.4	-	-	27.0	27.0	27.17	-
Salinity (ppt)	24.0	24.0	-	-	25.3	25.4	24.68	-
pH	7.1	7.1	-	-	7.1	7.1	7.07	
D.O. Saturation (%)	92.5	93.4	-	-	94.1	93.8	93.45	-
D.O. (mg/L)	6.3	6.4	-	-	6.4	6.4	6.36	6.38
Turbidity (NTU)	10.8	10.5	-	-	12.0	11.7	11.25	-
SS (mg/L)	11.0	11.0	-	-	9.0	8.0	9.75	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.7	5.7	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.6	5.6	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	12.8	NA	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	10.9	10.9	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/17/2008
Weather & Ambient Temperature	Sunny, 28C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	8:52-8:54							
Water Depth (m)	19.4							
Monitoring Depth (m)	1.0		9.7		18.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.5	27.5	27.0	27.0	27.34	-
Salinity (ppt)	27.2	27.7	28.7	28.9	30.4	30.5	28.89	-
pH	7.5	7.5	7.5	7.5	7.5	7.4	7.50	
D.O. Saturation (%)	85.5	84.1	81.9	79.8	77.5	77.9	81.12	-
D.O. (mg/L)	5.8	5.7	5.5	5.4	5.2	5.2	5.46	5.22
Turbidity (NTU)	6.0	5.9	8.1	7.2	12.2	9.6	8.17	-
SS (mg/L)	10.0	9.0	9.0	9.0	11.0	9.0	9.50	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	8:25-8:26							
Water Depth (m)	6.4							
Monitoring Depth (m)	1.0		3.2		5.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	27.9	27.6	27.6	27.4	27.4	27.62	-
Salinity (ppt)	19.5	21.5	25.6	25.5	27.3	27.5	24.50	-
pH	7.4	7.4	7.5	7.5	7.5	7.5	7.44	
D.O. Saturation (%)	80.8	79.0	77.3	76.9	77.4	76.6	78.00	-
D.O. (mg/L)	5.7	5.5	5.3	5.2	5.3	5.2	5.34	5.22
Turbidity (NTU)	9.1	8.5	8.3	8.3	8.7	9.1	8.67	-
SS (mg/L)	10.0	9.0	8.0	8.0	10.0	8.0	8.83	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	8:16-8:19						Northing	Easting
Water Depth (m)	8.4						22.21.505	113.54.128
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.6	27.4	27.3	27.3	27.2	27.43	-
Salinity (ppt)	23.8	23.2	28.1	28.2	29.4	29.1	26.98	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.49	
D.O. Saturation (%)	83.0	83.3	80.5	79.3	79.0	77.8	80.48	-
D.O. (mg/L)	5.7	5.8	5.4	5.4	5.3	5.24	5.47	5.27
Turbidity (NTU)	8.0	8.0	7.0	6.8	8.1	7.6	7.58	-
SS (mg/L)	9.0	9.0	10.0	8.0	9.0	8.0	8.83	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	8:05-8:07							
Water Depth (m)	7.8							
Monitoring Depth (m)	1.0		3.9		6.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.9	27.5	27.6	27.5	27.4	27.62	-
Salinity (ppt)	21.4	20.5	25.9	25.3	26.2	26.5	24.29	-
pH	7.4	7.4	7.4	7.4	7.4	7.4	7.39	
D.O. Saturation (%)	80.7	80.8	78.3	77.8	78.6	79.4	79.27	-
D.O. (mg/L)	5.6	5.6	5.3	5.3	5.3	5.4	5.43	5.37
Turbidity (NTU)	8.2	8.4	7.2	7.0	7.2	6.9	7.48	-
SS (mg/L)	9.0	10.0	9.0	9.0	9.0	10.0	9.33	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	7:57-7:58						Northing	Easting
Water Depth (m)	7.6						22.21.261	113.54.823
Monitoring Depth (m)	1.0		3.8		6.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.0	27.2	26.9	26.9	27.11	-
Salinity (ppt)	26.0	25.2	28.5	28.1	30.8	29.1	27.93	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.48	
D.O. Saturation (%)	78.3	78.7	74.8	76.6	74.9	74.3	76.27	-
D.O. (mg/L)	5.4	5.4	5.1	5.2	5.0	5.02	5.18	5.02
Turbidity (NTU)	8.6	8.7	8.6	8.6	10.0	9.7	9.03	-
SS (mg/L)	12.0	10.0	11.0	9.0	8.0	8.0	9.67	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	8:33-8:34							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.9	-	-	27.5	27.5	27.70	-
Salinity (ppt)	21.7	20.7	-	-	26.0	26.3	23.66	-
pH	7.4	7.4	-	-	7.4	7.4	7.38	
D.O. Saturation (%)	80.6	80.3	-	-	78.5	80.8	80.05	-
D.O. (mg/L)	5.6	5.6	-	-	5.3	5.5	5.50	5.41
Turbidity (NTU)	8.5	8.7	-	-	8.3	7.8	8.33	-
SS (mg/L)	9.0	8.0	-	-	10.0	10.0	9.25	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.2	5.2	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.5	5.5	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	10.6	10.6	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	12.4	12.4	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/17/2008
Weather & Ambient Temperature	Sunny, 29C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	13:52-13:54							
Water Depth (m)	16.0							
Monitoring Depth (m)	1.0		8.0		15.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.6	27.6	27.1	27.1	27.45	-
Salinity (ppt)	26.6	26.1	28.8	28.6	30.2	30.3	28.43	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.52	
D.O. Saturation (%)	86.6	85.6	80.5	80.0	79.3	78.0	81.67	-
D.O. (mg/L)	5.9	5.8	5.4	5.4	5.3	5.2	5.51	5.28
Turbidity (NTU)	5.7	5.7	6.5	6.5	9.8	9.0	7.20	-
SS (mg/L)	10.0	11.0	11.0	12.0	10.0	10.0	10.67	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	13:34-13:35							
Water Depth (m)	6.6							
Monitoring Depth (m)	1.0		3.3		5.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.0	27.6	27.6	27.6	27.6	27.72	-
Salinity (ppt)	21.6	22.0	26.5	26.0	27.0	27.1	25.03	-
pH	7.4	7.4	7.4	7.4	7.4	7.4	7.39	
D.O. Saturation (%)	81.6	82.4	78.8	78.7	79.1	79.2	79.97	-
D.O. (mg/L)	5.7	5.7	5.3	5.4	5.4	5.4	5.46	5.36
Turbidity (NTU)	6.6	6.6	6.6	6.4	6.5	6.4	6.52	-
SS (mg/L)	9.0	8.0	10.0	10.0	9.0	9.0	9.17	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	12:53-12:55							
Water Depth (m)	8.0							
Monitoring Depth (m)	1.0		4.0		7.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.2	28.1	27.7	27.8	27.5	27.4	27.76	-
Salinity (ppt)	19.9	20.2	25.5	25.0	27.0	27.6	24.20	-
pH	7.4	7.4	7.4	7.4	7.5	7.5	7.44	
D.O. Saturation (%)	80.6	80.5	77.3	77.2	76.9	77.3	78.30	-
D.O. (mg/L)	5.6	5.6	5.3	5.3	5.2	5.2	5.37	5.23
Turbidity (NTU)	8.5	8.5	8.5	8.6	8.5	8.4	8.50	-
SS (mg/L)	9.0	11.0	9.0	9.0	9.0	9.0	9.33	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	13:04-13:06						Northing	Easting
Water Depth (m)	8.4						22.21.499	113.54.133
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.5	27.5	27.4	27.4	27.56	-
Salinity (ppt)	24.4	23.9	27.8	27.9	28.9	29.1	27.00	-
pH	7.6	7.6	7.6	7.6	7.6	7.6	7.56	
D.O. Saturation (%)	83.1	83.0	81.1	80.5	79.9	78.7	81.05	-
D.O. (mg/L)	5.7	5.7	5.5	5.4	5.4	5.3	5.50	5.34
Turbidity (NTU)	7.4	7.4	6.6	6.7	7.7	7.8	7.27	-
SS (mg/L)	10.0	11.0	8.0	10.0	9.0	10.0	9.67	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	13:22-13:23							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	28.1	27.7	27.6	27.6	27.6	27.77	-
Salinity (ppt)	18.9	19.7	25.2	25.5	26.0	26.1	23.58	-
pH	7.4	7.4	7.4	7.5	7.4	7.4	7.43	
D.O. Saturation (%)	81.6	80.4	78.6	78.0	78.6	79.8	79.50	-
D.O. (mg/L)	5.7	5.6	5.4	5.3	5.4	5.4	5.47	5.39
Turbidity (NTU)	7.8	7.8	6.9	7.0	7.1	6.8	7.23	-
SS (mg/L)	10.0	10.0	10.0	10.0	9.0	9.0	9.67	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	13:13-13:15						Northing	Easting
Water Depth (m)	8.8						22.21.266	113.54.834
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.4	27.1	27.2	27.0	27.0	27.18	-
Salinity (ppt)	25.3	26.8	28.5	28.2	30.9	30.9	28.43	-
pH	7.6	7.5	7.6	7.6	7.5	7.5	7.53	
D.O. Saturation (%)	78.6	78.8	73.6	75.4	74.1	72.8	75.55	-
D.O. (mg/L)	5.4	5.4	5.0	5.1	5.0	4.9	5.12	4.92
Turbidity (NTU)	9.1	8.7	10.0	9.3	11.8	11.2	10.02	-
SS (mg/L)	9.0	8.0	10.0	9.0	10.0	8.0	9.00	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	12:44-12:45							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.0	-	-	27.6	27.6	27.79	-
Salinity (ppt)	20.2	20.6	-	-	26.3	26.3	23.35	-
pH	7.4	7.4	-	-	7.5	7.4	7.41	
D.O. Saturation (%)	80.3	79.5	-	-	78.5	78.6	79.23	-
D.O. (mg/L)	5.6	5.5	-	-	5.3	5.3	5.45	5.34
Turbidity (NTU)	8.7	8.4	-	-	8.4	8.2	8.43	-
SS (mg/L)	8.0	7.0	-	-	10.0	9.0	8.50	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.3	5.3	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.5	5.5	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	8.9	8.9	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	12.9	12.9	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/18/08
Weather & Ambient Temperature	Cloudy, 28C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	14:14-14:16							
Water Depth (m)	19.2							
Monitoring Depth (m)	1.0		9.6		18.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.2	27.2	27.2	27.2	27.25	-
Salinity (ppt)	24.7	29.6	30.4	30.5	30.6	30.6	29.36	-
pH	7.3	7.3	7.3	7.3	7.2	7.3	7.27	
D.O. Saturation (%)	82.2	81.0	80.5	79.6	80.6	82.9	81.13	-
D.O. (mg/L)	5.7	5.4	5.4	5.3	5.4	5.5	5.46	5.47
Turbidity (NTU)	8.2	8.4	13.3	12.9	15.4	15.9	12.35	-
SS (mg/L)	8.0	8.0	12.0	10.0	15.0	14.0	11.17	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	14:41-14:42							
Water Depth (m)	8.0							
Monitoring Depth (m)	1.0		4.0		7.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	27.3	27.3	27.3	27.3	27.39	-
Salinity (ppt)	26.1	26.1	26.7	26.8	27.3	27.3	26.73	-
pH	7.3	7.3	7.3	7.3	7.3	7.3	7.27	
D.O. Saturation (%)	71.9	71.4	71.6	72.5	74.7	72.2	72.38	-
D.O. (mg/L)	4.9	4.9	4.9	4.9	5.1	4.9	4.93	5.00
Turbidity (NTU)	7.9	8.1	9.3	9.2	9.6	9.3	8.90	-
SS (mg/L)	8.0	6.0	8.0	8.0	8.0	9.0	7.83	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	15:14-15:15						Northing	Easting
Water Depth (m)	9.2						22.21.309	113.53.841
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.3	27.3	27.3	27.3	27.41	-
Salinity (ppt)	26.0	26.0	26.8	26.9	27.7	28.0	26.88	-
pH	7.3	7.3	7.3	7.3	7.3	7.3	7.30	
D.O. Saturation (%)	72.6	72.7	72.4	71.5	73.5	72.6	72.55	-
D.O. (mg/L)	5.0	5.0	4.9	4.9	5.0	4.92	4.94	4.96
Turbidity (NTU)	8.3	8.1	11.3	11.0	13.7	13.2	10.93	-
SS (mg/L)	7.0	9.0	8.0	8.0	7.0	7.0	7.67	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	14:51-14:53							
Water Depth (m)	8.6							
Monitoring Depth (m)	1.0		4.3		7.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	27.4	27.3	27.3	27.3	27.41	-
Salinity (ppt)	26.0	26.1	26.5	26.7	27.4	27.7	26.73	-
pH	7.3	7.3	7.3	7.3	7.3	7.3	7.27	
D.O. Saturation (%)	73.4	73.4	71.4	72.0	74.3	72.1	72.77	-
D.O. (mg/L)	5.0	5.0	4.9	4.9	5.1	4.9	4.96	4.97
Turbidity (NTU)	7.1	7.3	8.6	8.9	9.5	9.7	8.52	-
SS (mg/L)	8.0	8.0	8.0	7.0	7.0	9.0	7.83	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	15:03-15:04						Northing	Easting
Water Depth (m)	13.2						22.21.091	113.56.894
Monitoring Depth (m)	1.0		6.6		12.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.3	27.1	27.2	27.2	27.1	27.21	-
Salinity (ppt)	28.6	28.7	29.2	29.1	30.4	30.5	29.41	-
pH	7.4	7.4	7.4	7.4	7.4	7.4	7.39	
D.O. Saturation (%)	78.4	79.8	80.8	79.5	78.6	81.8	79.82	-
D.O. (mg/L)	5.3	5.4	5.5	5.4	5.3	5.49	5.38	5.38
Turbidity (NTU)	17.5	17.7	24.7	24.3	27.6	27.9	23.28	-
SS (mg/L)	18.0	18.0	15.0	15.0	15.0	18.0	16.50	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	14:30-14:31							
Water Depth (m)	5.7							
Monitoring Depth (m)	1.0		2.9		4.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	-	-	27.5	27.4	27.51	-
Salinity (ppt)	26.2	26.3	-	-	26.3	26.3	26.29	-
pH	7.3	7.3	-	-	7.3	7.3	7.28	
D.O. Saturation (%)	73.2	74.1	-	-	74.9	74.0	74.05	-
D.O. (mg/L)	5.0	5.1	-	-	5.1	5.1	5.05	5.08
Turbidity (NTU)	6.9	7.0	-	-	6.9	7.0	6.95	-
SS (mg/L)	9.0	10.0	-	-	9.0	9.0	9.25	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.5	5.5	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.5	5.5	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	16.1	16.1	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	14.5	14.5	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/18/08
Weather & Ambient Temperature	Cloudy, 28C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	10:48-10:49							
Water Depth (m)	16.4							
Monitoring Depth (m)	1.0		8.2		15.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.2	27.2	27.2	27.2	27.25	-
Salinity (ppt)	30.0	30.1	29.8	30.0	29.6	30.5	29.99	-
pH	7.3	7.3	7.3	7.2	7.3	7.1	7.26	
D.O. Saturation (%)	81.4	82.1	79.9	81.2	80.7	83.1	81.40	-
D.O. (mg/L)	5.5	5.5	5.4	5.5	5.4	5.6	5.46	5.50
Turbidity (NTU)	8.6	8.7	15.9	15.8	19.3	19.1	14.57	-
SS (mg/L)	8.0	10.0	8.0	10.0	8.0	9.0	8.83	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	9:31-9:32							
Water Depth (m)	6.6							
Monitoring Depth (m)	1.0		3.3		5.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.3	27.3	27.3	27.3	27.32	-
Salinity (ppt)	28.7	28.1	28.7	28.7	28.7	28.8	28.62	-
pH	7.4	7.4	7.4	7.4	7.4	7.4	7.36	
D.O. Saturation (%)	77.9	78.8	79.9	78.2	84.9	78.3	79.67	-
D.O. (mg/L)	5.3	5.3	5.4	5.3	5.7	5.3	5.38	5.51
Turbidity (NTU)	16.9	17.2	17.5	17.8	18.3	18.7	17.73	-
SS (mg/L)	21.0	20.0	22.0	21.0	22.0	21.0	21.17	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	9:54-9:55						Northing	Easting
Water Depth (m)	9.6						22.21.311	113.53.843
Monitoring Depth (m)	1.0		4.8		8.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	27.3	27.3	27.4	27.4	27.39	-
Salinity (ppt)	26.2	26.4	27.2	27.2	27.8	27.7	27.10	-
pH	7.2	7.2	7.2	7.2	7.2	7.2	7.22	
D.O. Saturation (%)	72.8	73.0	73.7	72.5	73.0	75.4	73.40	-
D.O. (mg/L)	5.0	5.0	5.0	4.9	5.0	5.1	4.99	5.03
Turbidity (NTU)	9.4	9.7	13.3	13.1	15.9	15.7	12.85	-
SS (mg/L)	10.0	11.0	9.0	9.0	8.0	7.0	9.00	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	9:45-9:47						Northing	Easting
Water Depth (m)	13.8						22.21.093	113.56.896
Monitoring Depth (m)	1.0		6.9		12.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.4	27.3	27.3	27.1	27.2	27.25	-
Salinity (ppt)	28.7	28.8	28.9	28.8	30.3	30.4	29.29	-
pH	7.4	7.4	7.3	7.4	7.4	7.4	7.35	
D.O. Saturation (%)	78.5	79.6	79.4	78.9	81.4	79.2	79.50	-
D.O. (mg/L)	5.3	5.4	5.4	5.3	5.5	5.3	5.35	5.39
Turbidity (NTU)	12.8	12.6	16.5	16.8	21.8	21.7	17.03	-
SS (mg/L)	18.0	20.0	22.0	19.0	17.0	18.0	19.00	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	10:16-10:18							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	27.3	27.3	27.3	27.3	27.38	-
Salinity (ppt)	26.3	26.4	26.9	26.9	27.3	27.4	26.87	-
pH	7.3	7.3	7.3	7.3	7.3	7.3	7.27	
D.O. Saturation (%)	72.7	71.7	71.3	72.9	71.8	74.7	72.52	-
D.O. (mg/L)	5.0	4.9	4.9	5.0	4.9	5.1	4.94	4.98
Turbidity (NTU)	8.1	7.9	9.4	9.9	11.9	12.0	9.87	-
SS (mg/L)	8.0	8.0	6.0	8.0	11.0	10.0	8.50	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	10:06-10:08							
Water Depth (m)	9.0							
Monitoring Depth (m)	1.0		4.5		8.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	27.3	27.3	27.3	27.3	27.39	-
Salinity (ppt)	26.3	26.3	27.0	26.8	27.6	27.7	26.96	-
pH	7.3	7.3	7.3	7.3	7.3	7.3	7.26	
D.O. Saturation (%)	72.5	72.8	72.5	73.0	74.4	75.6	73.47	-
D.O. (mg/L)	4.9	5.0	4.9	5.0	5.1	5.1	5.00	5.09
Turbidity (NTU)	8.2	8.2	11.3	11.2	13.7	13.5	11.02	-
SS (mg/L)	9.0	9.0	9.0	8.0	7.0	7.0	8.17	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	10:26-10:27							
Water Depth (m)	5.3							
Monitoring Depth (m)	1.0		2.7		4.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	-	-	27.4	27.3	27.42	-
Salinity (ppt)	26.4	26.4	-	-	26.6	26.8	26.54	-
pH	7.2	7.3	-	-	7.3	7.2	7.24	
D.O. Saturation (%)	75.3	74.8	-	-	77.8	78.9	76.70	-
D.O. (mg/L)	5.1	5.1	-	-	5.3	5.4	5.23	5.34
Turbidity (NTU)	7.7	7.3	-	-	8.2	8.4	7.90	-
SS (mg/L)	9.0	8.0	-	-	7.0	7.0	7.75	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.5	5.5	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.4	5.4	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	21.0	21.0	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	19.5	19.5	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/19/08
Weather & Ambient Temperature	Fine, 28C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	15:31-15:33							
Water Depth (m)	20.0							
Monitoring Depth (m)	1.0		10.0		19.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	27.4	27.4	27.3	27.3	27.40	-
Salinity (ppt)	29.0	28.9	29.9	29.9	30.6	30.6	29.81	-
pH	7.1	7.0	7.2	7.2	7.2	7.1	7.14	
D.O. Saturation (%)	82.9	83.4	81.7	81.5	84.5	83.3	82.88	-
D.O. (mg/L)	5.6	5.6	5.5	5.5	5.7	5.6	5.55	5.61
Turbidity (NTU)	6.8	6.4	11.9	12.1	20.2	19.7	12.85	-
SS (mg/L)	9.0	8.0	14.0	14.0	19.0	20.0	14.00	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	15:06-15:08							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.8	27.5	27.5	27.5	27.5	27.62	-
Salinity (ppt)	24.0	24.0	26.1	26.2	27.6	27.7	25.90	-
pH	7.0	7.0	7.1	7.1	7.1	7.1	7.07	
D.O. Saturation (%)	74.0	73.4	73.4	74.3	74.8	75.8	74.28	-
D.O. (mg/L)	5.1	5.1	5.0	5.1	5.1	5.2	5.09	5.12
Turbidity (NTU)	9.0	8.9	11.1	11.4	12.6	12.9	10.98	-
SS (mg/L)	8.0	7.0	6.0	8.0	18.0	15.0	10.33	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	15:54-15:56						Northing	Easting
Water Depth (m)	10.0						22.21.335	113.53.809
Monitoring Depth (m)	1.0		5.0		9.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.9	27.5	27.5	27.5	27.5	27.62	-
Salinity (ppt)	24.5	24.5	27.9	28.1	28.8	29.0	27.13	-
pH	7.1	7.1	7.2	7.2	7.2	7.2	7.15	
D.O. Saturation (%)	72.9	73.2	74.9	74.7	76.2	76.3	74.70	-
D.O. (mg/L)	5.0	5.0	5.1	5.1	5.2	5.14	5.08	5.15
Turbidity (NTU)	6.5	6.8	8.4	8.2	12.9	13.0	9.30	-
SS (mg/L)	9.0	10.0	8.0	8.0	9.0	11.0	9.17	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	14:56-14:58							
Water Depth (m)	9.0							
Monitoring Depth (m)	1.0		4.5		8.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.8	27.6	27.5	27.5	27.5	27.64	-
Salinity (ppt)	24.2	24.3	26.9	27.0	27.3	27.4	26.19	-
pH	6.9	6.9	7.0	7.0	7.0	7.0	6.95	
D.O. Saturation (%)	73.1	73.1	73.2	73.0	74.6	74.3	73.55	-
D.O. (mg/L)	5.0	5.0	5.0	5.0	5.1	5.1	5.03	5.07
Turbidity (NTU)	8.4	8.2	16.2	16.8	19.6	19.1	14.72	-
SS (mg/L)	8.0	9.0	10.0	8.0	9.0	9.0	8.83	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	16:06-16:08						Northing	Easting
Water Depth (m)	10.6						22.21.271	113.54.694
Monitoring Depth (m)	1.0		5.3		9.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	28.1	27.6	27.6	27.3	27.3	27.67	-
Salinity (ppt)	25.8	25.8	28.7	28.5	30.4	30.4	28.25	-
pH	7.0	7.0	7.1	7.1	7.2	7.2	7.11	
D.O. Saturation (%)	77.1	76.3	78.1	77.2	80.3	80.0	78.17	-
D.O. (mg/L)	5.2	5.2	5.3	5.2	5.4	5.36	5.28	5.37
Turbidity (NTU)	8.5	4.5	4.7	8.3	19.2	18.8	10.67	-
SS (mg/L)	5.0	5.0	5.0	6.0	9.0	8.0	6.33	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	15:17-15:18							
Water Depth (m)	5.5							
Monitoring Depth (m)	1.0		2.8		4.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.9	-	-	27.5	27.5	27.70	-
Salinity (ppt)	23.8	23.8	-	-	26.3	26.2	25.01	-
pH	7.0	7.0	-	-	7.0	7.1	7.03	
D.O. Saturation (%)	72.4	71.4	-	-	74.1	75.1	73.25	-
D.O. (mg/L)	5.0	4.9	-	-	5.1	5.1	5.03	5.10
Turbidity (NTU)	8.8	9.2	-	-	12.5	11.8	10.58	-
SS (mg/L)	7.0	8.0	-	-	12.0	11.0	9.50	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.6	5.6	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.5	5.5	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	16.7	16.7	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	18.2	18.2	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/19/08
Weather & Ambient Temperature	Fine, 29C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	10:35-10:38							
Water Depth (m)	16.2							
Monitoring Depth (m)	1.0		8.1		15.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.3	27.3	27.3	27.3	27.30	-
Salinity (ppt)	29.8	29.8	30.2	30.2	30.5	30.5	30.18	-
pH	7.2	7.2	7.2	7.2	7.2	7.1	7.19	
D.O. Saturation (%)	80.7	81.2	80.4	79.6	80.2	82.3	80.73	-
D.O. (mg/L)	5.4	5.4	5.4	5.3	5.4	5.5	5.40	5.43
Turbidity (NTU)	5.6	5.8	13.7	14.2	19.2	18.8	12.88	-
SS (mg/L)	6.0	7.0	10.0	10.0	15.0	14.0	10.33	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	12:01-12:04							
Water Depth (m)	6.4							
Monitoring Depth (m)	1.0		3.2		5.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.9	27.6	27.7	27.2	27.2	27.58	-
Salinity (ppt)	24.7	24.8	26.4	26.4	29.0	29.0	26.72	-
pH	7.0	7.0	7.0	7.0	7.1	7.1	7.03	
D.O. Saturation (%)	76.8	76.9	78.4	78.1	79.5	79.1	78.13	-
D.O. (mg/L)	5.2	5.3	5.3	5.3	5.4	5.4	5.31	5.36
Turbidity (NTU)	4.7	4.6	5.8	5.9	18.4	17.7	9.52	-
SS (mg/L)	6.0	7.0	8.0	8.0	8.0	8.0	7.50	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	11:31-11:34							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.8	27.4	27.4	27.4	27.4	27.53	-
Salinity (ppt)	23.7	23.6	26.1	26.0	26.9	26.9	25.54	-
pH	7.0	7.0	7.1	7.1	7.1	7.1	7.09	
D.O. Saturation (%)	70.8	70.8	70.5	70.0	72.0	72.4	71.08	-
D.O. (mg/L)	4.9	4.9	4.8	4.8	4.9	4.9	4.87	4.92
Turbidity (NTU)	7.8	7.7	7.8	8.1	10.1	10.2	8.62	-
SS (mg/L)	7.0	5.0	6.0	6.0	13.0	12.0	8.17	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	11:08-11:11						Northing	Easting
Water Depth (m)	10.2						22.21.327	113.53.805
Monitoring Depth (m)	1.0		5.1		9.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.4	27.5	27.4	27.4	27.53	-
Salinity (ppt)	24.1	24.2	26.3	26.3	28.0	28.0	26.14	-
pH	7.0	7.0	7.1	7.1	7.1	7.1	7.09	
D.O. Saturation (%)	69.8	69.6	72.0	71.8	74.6	74.1	71.98	-
D.O. (mg/L)	4.8	4.8	4.9	4.9	5.1	5.0	4.91	5.03
Turbidity (NTU)	7.4	7.4	6.5	6.6	14.1	13.6	9.27	-
SS (mg/L)	7.0	6.0	8.0	10.0	7.0	7.0	7.50	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	11:43-11:46							
Water Depth (m)	9.4							
Monitoring Depth (m)	1.0		4.7		8.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.4	27.5	27.4	27.4	27.53	-
Salinity (ppt)	24.0	24.1	26.5	26.5	26.8	26.8	25.77	-
pH	7.0	7.0	7.1	7.1	7.0	7.1	7.03	
D.O. Saturation (%)	69.4	70.7	69.8	69.1	71.9	70.2	70.18	-
D.O. (mg/L)	4.8	4.9	4.8	4.7	4.9	4.8	4.80	4.84
Turbidity (NTU)	7.4	7.1	11.2	11.5	15.5	16.2	11.48	-
SS (mg/L)	7.0	8.0	13.0	11.0	7.0	6.0	8.67	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	10:56-10:58						Northing	Easting
Water Depth (m)	11.0						22.21.263	113.54.688
Monitoring Depth (m)	1.0		5.5		10.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.2	28.2	27.3	27.3	27.2	27.2	27.59	-
Salinity (ppt)	25.4	25.4	27.7	27.7	30.1	30.1	27.72	-
pH	7.1	7.1	7.2	7.2	7.2	7.2	7.19	
D.O. Saturation (%)	77.2	76.2	77.9	78.0	80.9	79.9	78.35	-
D.O. (mg/L)	5.2	5.2	5.3	5.3	5.4	5.4	5.29	5.40
Turbidity (NTU)	3.7	3.6	7.9	7.5	15.2	16.3	9.03	-
SS (mg/L)	4.0	4.0	6.0	4.0	10.0	11.0	6.50	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	11:22-11:24							
Water Depth (m)	5.7							
Monitoring Depth (m)	1.0		2.9		4.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	-	-	27.4	27.4	27.61	-
Salinity (ppt)	23.6	23.6	-	-	26.1	26.1	24.84	-
pH	7.0	7.0	-	-	7.0	7.0	6.98	
D.O. Saturation (%)	72.6	73.0	-	-	74.9	74.8	73.83	-
D.O. (mg/L)	5.0	5.0	-	-	5.1	5.1	5.07	5.12
Turbidity (NTU)	7.2	7.4	-	-	13.2	13.2	10.25	-
SS (mg/L)	8.0	8.0	-	-	7.0	8.0	7.75	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.4	5.4	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.4	5.4	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	14.6	14.6	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	11.6	11.6	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/20/08
Weather & Ambient Temperature	Fine, 27C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	16:12-16:14							
Water Depth (m)	20.2							
Monitoring Depth (m)	1.0		10.1		19.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.0	24.7	24.0	24.0	23.9	24.0	24.24	-
Salinity (ppt)	25.6	26.1	29.5	29.5	29.8	29.6	28.34	-
pH	7.9	7.9	7.9	7.9	7.9	7.9	7.89	
D.O. Saturation (%)	82.2	81.8	82.1	81.2	81.6	82.4	81.88	-
D.O. (mg/L)	6.2	6.2	6.2	6.1	6.2	6.2	6.19	6.19
Turbidity (NTU)	3.7	3.8	3.8	3.7	4.6	4.7	4.05	-
SS (mg/L)	6.0	6.0	8.0	8.0	7.0	6.0	6.83	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	16:32-16:32							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	24.7	24.7	24.2	24.2	24.4	24.1	24.40	-
Salinity (ppt)	25.9	26.4	26.7	27.2	28.9	29.2	27.38	-
pH	7.9	7.9	7.9	7.9	7.9	7.9	7.89	
D.O. Saturation (%)	82.3	82.1	82.8	82.9	83.5	84.7	83.05	-
D.O. (mg/L)	6.3	6.2	6.3	6.3	6.3	6.4	6.29	6.33
Turbidity (NTU)	10.7	10.7	10.8	10.9	11.4	11.3	10.97	-
SS (mg/L)	5.0	7.0	5.0	7.0	6.0	6.0	6.00	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	15:54-15:55						Northing	Easting
Water Depth (m)	8.8						22.21.211	113.53.761
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.1	26.8	23.9	24.0	24.1	23.7	24.60	-
Salinity (ppt)	27.4	26.6	29.6	29.6	29.4	29.6	28.70	-
pH	7.9	7.9	7.9	7.9	7.9	7.9	7.91	
D.O. Saturation (%)	83.3	81.3	83.0	82.8	83.6	84.4	83.07	-
D.O. (mg/L)	6.2	5.9	6.3	6.2	6.3	6.39	6.23	6.34
Turbidity (NTU)	3.4	3.6	3.5	3.5	3.6	3.5	3.52	-
SS (mg/L)	6.0	6.0	6.0	5.0	5.0	5.0	5.50	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	16:40-16:42							
Water Depth (m)	9.1							
Monitoring Depth (m)	1.0		4.6		8.1			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	24.8	25.0	24.1	24.4	24.2	24.4	24.48	-
Salinity (ppt)	26.2	25.9	28.7	26.8	28.4	28.9	27.46	-
pH	7.9	7.9	7.9	7.9	7.9	7.9	7.90	
D.O. Saturation (%)	80.7	78.7	81.6	78.4	82.7	77.8	79.98	-
D.O. (mg/L)	6.1	6.0	6.2	6.0	6.3	5.8	6.05	6.05
Turbidity (NTU)	6.2	6.3	7.3	7.2	8.5	8.4	7.32	-
SS (mg/L)	6.0	6.0	6.0	6.0	7.0	6.0	6.17	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	15:41-15:43						Northing	Easting
Water Depth (m)	8.6						22.21.267	113.54.581
Monitoring Depth (m)	1.0		4.3		7.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.5	23.9	23.9	23.9	23.8	23.9	24.13	-
Salinity (ppt)	27.6	36.5	29.7	29.7	29.9	29.6	30.51	-
pH	7.9	7.9	7.9	8.0	7.9	8.0	7.96	
D.O. Saturation (%)	83.6	91.5	82.6	82.4	84.4	81.7	84.37	-
D.O. (mg/L)	6.2	7.8	6.2	6.3	6.4	6.22	6.51	6.30
Turbidity (NTU)	2.8	2.9	3.5	3.4	3.9	4.0	3.42	-
SS (mg/L)	6.0	5.0	6.0	6.0	6.0	8.0	6.17	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	16:23-16:23							
Water Depth (m)	5.8							
Monitoring Depth (m)	1.0		2.9		4.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	24.8	24.8	-	-	25.0	24.9	24.88	-
Salinity (ppt)	25.7	24.5	-	-	25.8	26.9	25.73	-
pH	7.9	7.9	-	-	7.9	7.9	7.90	
D.O. Saturation (%)	80.9	81.3	-	-	80.9	80.4	80.88	-
D.O. (mg/L)	6.1	6.2	-	-	6.1	6.1	6.13	6.08
Turbidity (NTU)	7.2	7.2	-	-	7.4	7.4	7.30	-
SS (mg/L)	6.0	6.0	-	-	4.0	5.0	5.25	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	6.2	6.2	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	6.2	6.2	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	5.3	5.3	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	8.9	8.9	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/20/08
Weather & Ambient Temperature	Sunny, 25C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	13:16-13:18							
Water Depth (m)	16.3							
Monitoring Depth (m)	1.0		8.2		15.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	24.8	24.9	24.1	24.0	23.9	23.8	24.23	-
Salinity (ppt)	27.1	27.1	29.3	29.6	29.9	30.0	28.81	-
pH	7.9	7.9	7.9	7.9	7.9	8.0	7.94	
D.O. Saturation (%)	81.4	80.4	79.1	80.5	81.6	78.4	80.23	-
D.O. (mg/L)	6.1	6.1	6.0	6.1	6.2	5.9	6.05	6.04
Turbidity (NTU)	2.3	2.3	3.1	3.2	3.2	3.3	2.90	-
SS (mg/L)	6.0	7.0	6.0	6.0	5.0	6.0	6.00	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	12:00-12:01							
Water Depth (m)	6.9							
Monitoring Depth (m)	1.0		3.5		5.9			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	24.6	24.8	24.6	24.5	24.7	24.5	24.60	-
Salinity (ppt)	27.5	26.7	26.9	28.3	28.5	28.3	27.70	-
pH	7.9	7.9	7.9	7.9	7.9	7.9	7.90	
D.O. Saturation (%)	82.5	81.5	80.6	82.0	81.9	79.6	81.35	-
D.O. (mg/L)	6.2	6.2	6.1	6.2	6.1	6.0	6.13	6.07
Turbidity (NTU)	5.0	5.3	5.3	5.2	5.5	5.5	5.30	-
SS (mg/L)	6.0	5.0	7.0	5.0	5.0	6.0	5.67	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	12:27-12:28							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	24.8	24.7	24.4	24.3	24.6	24.4	24.54	-
Salinity (ppt)	26.0	26.3	27.0	27.1	28.4	28.9	27.28	-
pH	7.9	7.9	7.9	7.9	7.9	7.9	7.87	
D.O. Saturation (%)	81.5	81.5	81.7	82.1	82.4	82.5	81.95	-
D.O. (mg/L)	6.2	6.2	6.2	6.2	6.2	6.2	6.19	6.19
Turbidity (NTU)	8.2	8.6	8.4	8.2	8.3	8.3	8.33	-
SS (mg/L)	6.0	5.0	6.0	5.0	6.0	6.0	5.67	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	12:50-12:52						Northing	Easting
Water Depth (m)	8.4						22.21.214	113.53.773
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.0	27.1	24.0	24.0	24.0	24.0	25.01	-
Salinity (ppt)	26.5	26.6	29.6	28.7	28.8	29.6	28.30	-
pH	7.9	7.9	7.9	7.9	7.9	7.9	7.91	
D.O. Saturation (%)	81.3	80.4	81.8	82.0	82.3	82.4	81.70	-
D.O. (mg/L)	5.9	5.8	6.2	6.2	6.2	6.2	6.09	6.22
Turbidity (NTU)	3.4	3.2	3.4	3.4	3.2	3.3	3.32	-
SS (mg/L)	6.0	6.0	4.0	5.0	6.0	6.0	5.50	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	12:16-12:16							
Water Depth (m)	9.3							
Monitoring Depth (m)	1.0		4.7		8.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	24.7	24.7	24.2	24.3	24.5	24.5	24.49	-
Salinity (ppt)	26.6	26.1	27.8	27.4	28.9	28.8	27.59	-
pH	7.9	7.9	7.9	7.9	7.9	7.9	7.88	
D.O. Saturation (%)	81.7	81.5	82.8	82.1	82.6	82.6	82.22	-
D.O. (mg/L)	6.2	6.2	6.3	6.2	6.2	6.2	6.21	6.20
Turbidity (NTU)	6.8	6.9	7.3	7.2	7.2	7.2	7.10	-
SS (mg/L)	6.0	6.0	5.0	5.0	8.0	9.0	6.50	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	13:01-13:03						Northing	Easting
Water Depth (m)	8.7						22.21.290	113.54.599
Monitoring Depth (m)	1.0		4.4		7.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	25.6	25.7	24.2	24.0	23.9	23.7	24.50	-
Salinity (ppt)	27.6	27.4	29.2	29.3	29.9	29.8	28.85	-
pH	7.9	8.0	8.0	7.9	8.0	7.9	7.95	
D.O. Saturation (%)	83.6	84.3	82.8	82.6	84.4	84.4	83.68	-
D.O. (mg/L)	6.2	6.2	6.2	6.2	6.4	6.4	6.28	6.38
Turbidity (NTU)	2.6	2.6	3.5	3.6	3.4	3.4	3.18	-
SS (mg/L)	5.0	5.0	6.0	7.0	5.0	6.0	5.67	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	12:37-12:38							
Water Depth (m)	5.7							
Monitoring Depth (m)	1.0		2.9		4.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	24.8	24.9	-	-	24.7	24.9	24.81	-
Salinity (ppt)	25.7	25.6	-	-	26.7	26.8	26.21	-
pH	7.9	7.9	-	-	7.9	7.9	7.92	
D.O. Saturation (%)	79.8	77.3	-	-	76.4	79.1	78.15	-
D.O. (mg/L)	6.1	5.9	-	-	5.8	6.0	5.91	5.86
Turbidity (NTU)	6.5	6.5	-	-	6.4	6.4	6.45	-
SS (mg/L)	7.0	6.0	-	-	7.0	5.0	6.25	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	6.1	6.1	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	6.1	6.1	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	5.3	5.3	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	7.6	7.6	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/21/2008
Weather & Ambient Temperature	Sunny, 28C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	6:11-6:14							
Water Depth (m)	21.0							
Monitoring Depth (m)	1.0		10.5		20.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	26.3	26.2	25.3	25.2	26.37	-
Salinity (ppt)	22.4	22.3	26.5	26.6	29.3	29.5	26.09	-
pH	7.5	7.5	7.6	7.6	7.5	7.5	7.54	
D.O. Saturation (%)	79.9	78.2	69.9	67.4	64.7	65.5	70.93	-
D.O. (mg/L)	5.5	5.3	4.8	4.6	4.4	4.5	4.84	4.45
Turbidity (NTU)	5.7	5.7	7.6	7.7	9.2	9.6	7.58	-
SS (mg/L)	5.0	4.0	4.0	4.0	6.0	4.0	4.50	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	5:41-5:44							
Water Depth (m)	8.5							
Monitoring Depth (m)	1.0		4.3		7.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	26.6	26.6	26.2	26.2	26.75	-
Salinity (ppt)	18.8	19.1	23.3	23.2	25.7	25.6	22.61	-
pH	7.4	7.4	7.5	7.5	7.5	7.5	7.47	
D.O. Saturation (%)	74.4	73.5	68.1	68.0	67.5	68.7	70.03	-
D.O. (mg/L)	5.2	5.1	4.7	4.7	4.6	4.7	4.84	4.68
Turbidity (NTU)	6.4	6.3	8.7	8.9	10.3	9.7	8.38	-
SS (mg/L)	4.0	3.0	5.0	4.0	4.0	3.0	3.83	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	5:00-5:03						Northing	Easting
Water Depth (m)	7.8						22.21.225	113.53.667
Monitoring Depth (m)	1.0		3.9		6.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.4	26.4	26.5	26.3	26.1	26.66	-
Salinity (ppt)	21.9	21.9	25.6	25.5	26.3	26.5	24.61	-
pH	7.5	7.5	7.6	7.6	7.6	7.6	7.56	
D.O. Saturation (%)	77.4	78.7	71.1	72.2	72.3	71.1	73.80	-
D.O. (mg/L)	5.3	5.4	4.9	4.9	4.9	4.86	5.05	4.90
Turbidity (NTU)	5.8	5.8	7.2	7.4	9.9	9.1	7.53	-
SS (mg/L)	4.0	4.0	4.0	5.0	4.0	5.0	4.33	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	5:31-5:33							
Water Depth (m)	9.4							
Monitoring Depth (m)	1.0		4.7		8.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	27.8	26.5	26.6	26.3	26.4	26.92	-
Salinity (ppt)	17.2	17.4	24.1	23.5	25.2	24.8	22.02	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.52	
D.O. Saturation (%)	76.3	75.8	69.3	68.8	72.0	72.0	72.37	-
D.O. (mg/L)	5.3	5.3	4.8	4.7	4.9	4.9	5.00	4.94
Turbidity (NTU)	6.5	6.5	9.2	9.4	10.4	11.3	8.88	-
SS (mg/L)	5.0	5.0	4.0	5.0	4.0	5.0	4.67	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	4:49-4:52						Northing	Easting
Water Depth (m)	6.8						22.21.106	113.54.516
Monitoring Depth (m)	1.0		3.4		5.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.9	26.9	26.1	26.3	26.0	26.0	26.35	-
Salinity (ppt)	23.2	23.2	26.1	25.7	26.6	26.6	25.23	-
pH	7.6	7.6	7.6	7.6	7.6	7.6	7.59	
D.O. Saturation (%)	74.7	74.7	67.4	68.9	68.2	68.7	70.43	-
D.O. (mg/L)	5.1	5.1	4.6	4.7	4.7	4.71	4.83	4.70
Turbidity (NTU)	7.0	7.2	9.7	9.6	10.1	9.9	8.92	-
SS (mg/L)	4.0	5.0	5.0	4.0	4.0	4.0	4.33	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	5:58-6:00							
Water Depth (m)	5.9							
Monitoring Depth (m)	1.0		3.0		4.9			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.5	-	-	26.5	26.6	27.05	-
Salinity (ppt)	19.2	18.5	-	-	23.7	23.8	21.31	-
pH	7.4	7.4	-	-	7.4	7.4	7.38	
D.O. Saturation (%)	75.2	74.8	-	-	71.3	73.9	73.80	-
D.O. (mg/L)	5.2	5.2	-	-	4.9	5.1	5.10	5.00
Turbidity (NTU)	6.2	6.2	-	-	12.5	12.8	9.43	-
SS (mg/L)	4.0	4.0	-	-	4.0	3.0	3.75	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	4.4	4.4	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	4.8	4.8	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	9.9	9.9	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	5.9	5.9	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/21/2008
Weather & Ambient Temperature	Sunny, 29C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	17:28-17:31							
Water Depth (m)	16.2							
Monitoring Depth (m)	1.0		8.1		15.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.4	27.4	26.7	26.8	27.26	-
Salinity (ppt)	24.3	24.1	25.0	25.2	27.1	26.9	25.42	-
pH	7.5	7.5	7.5	7.5	7.4	7.4	7.46	
D.O. Saturation (%)	80.1	79.1	73.5	72.4	71.2	71.5	74.63	-
D.O. (mg/L)	5.5	5.4	5.0	5.0	4.9	4.9	5.11	4.89
Turbidity (NTU)	5.7	5.6	7.2	7.3	11.4	11.1	8.05	-
SS (mg/L)	3.0	4.0	3.0	3.0	4.0	4.0	3.50	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	16:04-16:07							
Water Depth (m)	7.2							
Monitoring Depth (m)	1.0		3.6		6.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.5	28.5	27.7	27.8	26.9	26.9	27.71	-
Salinity (ppt)	17.1	17.0	20.2	20.2	25.4	25.4	20.90	-
pH	7.3	7.3	7.4	7.4	7.3	7.3	7.32	
D.O. Saturation (%)	78.4	78.4	74.0	73.1	71.7	70.9	74.42	-
D.O. (mg/L)	5.5	5.5	5.2	5.1	4.9	4.9	5.17	4.90
Turbidity (NTU)	6.3	6.6	9.6	9.5	10.6	9.9	8.75	-
SS (mg/L)	3.0	4.0	3.0	2.0	4.0	3.0	3.17	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	16:34-16:36							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.4	28.3	27.7	27.8	27.1	27.0	27.73	-
Salinity (ppt)	17.6	18.0	22.2	21.5	25.3	25.9	21.75	-
pH	7.3	7.3	7.3	7.3	7.4	7.4	7.32	
D.O. Saturation (%)	75.1	75.2	72.0	72.4	71.2	71.0	72.82	-
D.O. (mg/L)	5.2	5.2	5.0	5.0	4.9	4.9	5.04	4.88
Turbidity (NTU)	7.1	7.0	7.8	7.8	9.5	9.7	8.15	-
SS (mg/L)	5.0	4.0	3.0	4.0	3.0	5.0	4.00	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	17:05-17:08						Northing	Easting
Water Depth (m)	7.5						22.21.234	113.53.653
Monitoring Depth (m)	1.0		3.8		6.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.0	27.4	27.5	27.1	27.2	27.52	-
Salinity (ppt)	21.0	20.8	24.6	24.5	25.8	25.6	23.73	-
pH	7.4	7.4	7.4	7.4	7.4	7.4	7.41	
D.O. Saturation (%)	76.8	77.3	74.2	74.7	74.3	74.8	75.35	-
D.O. (mg/L)	5.3	5.3	5.1	5.1	5.1	5.1	5.17	5.10
Turbidity (NTU)	6.5	6.5	6.4	6.1	8.0	8.3	6.97	-
SS (mg/L)	3.0	3.0	4.0	4.0	5.0	4.0	3.83	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	16:24-16:27							
Water Depth (m)	9.2							
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.5	28.5	27.5	27.5	27.2	27.2	27.72	-
Salinity (ppt)	16.7	16.6	22.9	23.0	24.5	24.5	21.37	-
pH	7.3	7.3	7.4	7.3	7.3	7.4	7.32	
D.O. Saturation (%)	75.2	74.0	70.1	70.2	71.7	71.1	72.05	-
D.O. (mg/L)	5.3	5.2	4.8	4.8	4.9	4.9	4.99	4.91
Turbidity (NTU)	7.1	7.2	11.4	11.7	11.9	12.4	10.28	-
SS (mg/L)	3.0	4.0	3.0	4.0	5.0	4.0	3.83	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	17:15-17:18						Northing	Easting
Water Depth (m)	7.4						22.21.114	113.54.508
Monitoring Depth (m)	1.0		3.7		6.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.7	27.3	27.4	26.8	26.8	27.27	-
Salinity (ppt)	22.2	22.1	23.9	23.7	26.2	26.2	24.05	-
pH	7.4	7.4	7.4	7.4	7.4	7.4	7.41	
D.O. Saturation (%)	72.1	72.2	68.3	70.0	68.0	66.6	69.53	-
D.O. (mg/L)	5.0	5.0	4.7	4.8	4.7	4.6	4.79	4.63
Turbidity (NTU)	7.7	7.7	8.5	8.5	11.5	12.4	9.38	-
SS (mg/L)	5.0	4.0	3.0	5.0	5.0	6.0	4.67	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	16:52-16:53							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.2	28.2	-	-	27.2	27.2	27.70	-
Salinity (ppt)	18.5	18.2	-	-	24.0	23.9	21.13	-
pH	7.3	7.2	-	-	7.4	7.3	7.30	
D.O. Saturation (%)	73.6	74.6	-	-	72.5	72.0	73.18	-
D.O. (mg/L)	5.1	5.2	-	-	5.0	5.0	5.07	4.98
Turbidity (NTU)	6.9	7.1	-	-	11.2	10.9	9.03	-
SS (mg/L)	4.0	5.0	-	-	4.0	6.0	4.75	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	4.9	4.9	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.1	5.1	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	10.9	10.9	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	4.3	4.3	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/22/08
Weather & Ambient Temperature	Cloudy, 29C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	6:44-6:47							
Water Depth (m)	19.9							
Monitoring Depth (m)	1.0		10.0		18.9			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.1	28.5	28.9	28.9	28.7	28.8	28.82	-
Salinity (ppt)	27.0	27.5	27.8	27.9	28.2	28.2	27.78	-
pH	7.4	7.4	7.5	7.5	7.5	7.5	7.45	
D.O. Saturation (%)	94.9	97.5	97.5	95.9	97.4	95.0	96.37	-
D.O. (mg/L)	7.7	8.0	7.9	7.8	7.9	7.7	7.83	7.81
Turbidity (NTU)	2.1	2.1	5.7	6.2	10.6	10.7	6.23	-
SS (mg/L)	4.0	4.0	5.0	6.0	3.0	3.0	4.17	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	6:18-6:19							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.0	29.0	29.0	29.0	29.0	29.0	28.98	-
Salinity (ppt)	27.5	27.4	28.0	27.4	27.4	27.4	27.49	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.45	
D.O. Saturation (%)	95.6	96.0	96.4	95.3	95.2	95.8	95.72	-
D.O. (mg/L)	7.8	7.8	8.0	7.7	7.7	7.8	7.80	7.75
Turbidity (NTU)	4.0	3.8	4.0	3.9	4.2	4.5	4.07	-
SS (mg/L)	4.0	4.0	4.0	5.0	6.0	4.0	4.50	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	7:02-7:03						Northing	Easting
Water Depth (m)	9.1						22.21.471	113.53.726
Monitoring Depth (m)	1.0		4.6		8.1			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.7	28.8	28.7	28.7	28.7	28.7	28.70	-
Salinity (ppt)	28.6	28.4	28.6	28.6	24.0	28.6	27.82	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.47	
D.O. Saturation (%)	95.7	95.9	93.6	96.7	98.8	97.0	96.28	-
D.O. (mg/L)	7.7	7.8	7.6	7.8	8.2	7.86	7.84	8.05
Turbidity (NTU)	1.7	1.7	5.1	5.4	5.3	5.3	4.08	-
SS (mg/L)	4.0	4.0	5.0	6.0	4.0	4.0	4.50	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	6:09-6:10							
Water Depth (m)	8.7							
Monitoring Depth (m)	1.0		4.4		7.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.9	28.9	28.9	28.9	28.9	28.9	28.85	-
Salinity (ppt)	27.2	27.6	27.5	27.7	27.4	27.6	27.50	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.46	
D.O. Saturation (%)	97.0	96.2	96.2	95.9	96.8	96.3	96.40	-
D.O. (mg/L)	7.9	7.8	7.8	7.8	7.9	7.8	7.84	7.85
Turbidity (NTU)	5.0	5.2	4.7	5.3	5.2	5.2	5.10	-
SS (mg/L)	4.0	4.0	6.0	4.0	4.0	5.0	4.50	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	7:15-7:17						Northing	Easting
Water Depth (m)	10.9						22.20.742	113.54.055
Monitoring Depth (m)	1.0		5.5		9.9			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.8	28.8	28.7	28.7	28.7	28.7	28.72	-
Salinity (ppt)	28.4	28.4	28.7	28.6	28.8	28.7	28.62	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.47	
D.O. Saturation (%)	94.6	94.8	96.5	94.9	97.1	96.2	95.68	-
D.O. (mg/L)	7.7	7.7	7.8	7.7	7.9	7.79	7.75	7.83
Turbidity (NTU)	1.5	1.5	3.7	3.5	4.5	4.2	3.15	-
SS (mg/L)	4.0	4.0	4.0	3.0	4.0	3.0	3.67	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	6:27-6:28							
Water Depth (m)	5.4							
Monitoring Depth (m)	1.0		2.7		4.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.1	29.1	-	-	29.1	29.0	29.05	-
Salinity (ppt)	26.9	26.9	-	-	27.0	27.0	26.96	-
pH	7.4	7.4	-	-	7.4	7.4	7.41	
D.O. Saturation (%)	95.5	95.7	-	-	94.8	95.1	95.28	-
D.O. (mg/L)	7.8	7.8	-	-	7.7	7.7	7.74	7.72
Turbidity (NTU)	2.5	2.6	-	-	3.5	3.5	3.03	-
SS (mg/L)	4.0	4.0	-	-	4.0	3.0	3.75	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	7.8	7.8	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	7.8	7.8	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	8.1	8.1	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	5.4	5.4	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/22/08
Weather & Ambient Temperature	Cloudy, 30C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	18:27-18:29							
Water Depth (m)	16.2							
Monitoring Depth (m)	1.0		8.1		15.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.1	29.2	29.0	28.9	28.9	28.9	28.99	-
Salinity (ppt)	27.0	27.0	27.7	27.8	28.0	28.0	27.57	-
pH	7.4	7.4	7.5	7.5	7.5	7.5	7.44	
D.O. Saturation (%)	95.5	95.0	94.3	94.7	94.9	94.8	94.87	-
D.O. (mg/L)	7.8	7.7	7.7	7.7	7.7	7.7	7.69	7.69
Turbidity (NTU)	3.1	3.1	3.4	3.1	3.4	3.3	3.23	-
SS (mg/L)	3.0	3.0	3.0	4.0	3.0	4.0	3.33	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	19:48-19:50							
Water Depth (m)	6.9							
Monitoring Depth (m)	1.0		3.5		5.9			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.8	28.8	28.8	28.8	28.8	28.7	28.77	-
Salinity (ppt)	27.9	27.7	27.7	27.9	27.7	27.9	27.79	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.47	
D.O. Saturation (%)	100.2	101.3	102.2	100.2	100.2	103.9	101.33	-
D.O. (mg/L)	8.1	8.2	8.3	8.1	8.2	8.5	8.24	8.30
Turbidity (NTU)	3.6	3.5	3.9	3.9	4.4	4.5	3.97	-
SS (mg/L)	3.0	3.0	3.0	3.0	3.0	4.0	3.17	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	19:17-19:19							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.0	29.0	29.0	29.0	29.0	29.0	28.98	-
Salinity (ppt)	27.4	24.6	27.5	27.4	27.9	27.4	27.04	-
pH	7.4	7.5	7.4	7.5	7.4	7.5	7.44	
D.O. Saturation (%)	97.5	96.0	98.1	96.4	100.2	97.3	97.58	-
D.O. (mg/L)	7.9	7.9	8.0	7.8	8.1	7.9	7.94	8.01
Turbidity (NTU)	5.6	5.7	6.4	5.9	5.7	6.3	5.93	-
SS (mg/L)	3.0	2.0	4.0	5.0	5.0	4.0	3.83	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	18:50-18:52						Northing	Easting
Water Depth (m)	8.9						22.21.451	113.53.798
Monitoring Depth (m)	1.0		4.5		7.9			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.8	28.8	28.7	28.7	28.7	28.7	28.72	-
Salinity (ppt)	28.4	28.4	28.6	28.6	28.7	26.8	28.24	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.47	
D.O. Saturation (%)	95.9	95.4	95.8	93.3	95.3	95.8	95.25	-
D.O. (mg/L)	7.8	7.7	7.8	7.6	7.7	7.9	7.73	7.79
Turbidity (NTU)	2.9	2.9	5.8	6.4	5.9	6.3	5.03	-
SS (mg/L)	4.0	3.0	3.0	3.0	4.0	4.0	3.50	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	19:27-19:29							
Water Depth (m)	8.7							
Monitoring Depth (m)	1.0		4.4		7.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.9	28.9	28.9	28.9	28.9	28.9	28.85	-
Salinity (ppt)	27.6	27.6	27.5	27.6	27.6	27.5	27.57	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.46	
D.O. Saturation (%)	96.6	97.1	97.6	96.4	97.0	98.4	97.18	-
D.O. (mg/L)	7.9	7.9	7.9	7.8	7.9	8.0	7.90	7.94
Turbidity (NTU)	4.8	4.7	5.1	5.4	5.1	5.2	5.05	-
SS (mg/L)	3.0	2.0	3.0	3.0	3.0	4.0	3.00	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	18:39-18:41						Northing	Easting
Water Depth (m)	11.4						22.20.757	113.54.035
Monitoring Depth (m)	1.0		5.7		10.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.8	28.8	28.7	28.7	28.7	28.7	28.71	-
Salinity (ppt)	28.4	28.5	27.6	28.7	28.7	28.7	28.42	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.48	
D.O. Saturation (%)	96.5	95.6	94.7	95.2	95.9	95.7	95.60	-
D.O. (mg/L)	7.8	7.7	7.7	7.7	7.8	7.8	7.75	7.76
Turbidity (NTU)	2.9	2.7	2.6	2.9	2.9	2.8	2.80	-
SS (mg/L)	2.0	3.0	4.0	4.0	3.0	3.0	3.17	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	19:07-19:09							
Water Depth (m)	5.7							
Monitoring Depth (m)	1.0		2.9		4.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	29.1	29.1	-	-	29.1	29.1	29.09	-
Salinity (ppt)	27.0	26.9	-	-	27.0	27.3	27.04	-
pH	7.4	7.4	-	-	7.4	7.4	7.39	
D.O. Saturation (%)	98.7	96.6	-	-	95.7	100.5	97.88	-
D.O. (mg/L)	8.0	7.9	-	-	7.8	8.1	7.95	7.96
Turbidity (NTU)	1.9	1.9	-	-	2.3	2.1	2.05	-
SS (mg/L)	3.0	2.0	-	-	3.0	3.0	2.75	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	8.0	8.0	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	8.0	8.0	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	4.7	4.7	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	4.2	4.2	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/23/08
Weather & Ambient Temperature	Fine, 28C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	21:54-21:56							
Water Depth (m)	20.4							
Monitoring Depth (m)	1.0		10.2		19.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.2	27.1	26.9	26.9	27.25	-
Salinity (ppt)	22.7	22.8	27.6	27.7	28.7	28.7	26.35	-
pH	7.1	7.1	7.2	7.2	7.2	7.2	7.13	
D.O. Saturation (%)	86.3	85.3	82.9	81.8	85.7	85.5	84.58	-
D.O. (mg/L)	5.9	5.9	5.6	5.5	5.8	5.8	5.74	5.77
Turbidity (NTU)	3.9	4.1	5.7	5.5	6.8	6.6	5.43	-
SS (mg/L)	6.0	5.0	6.0	5.0	4.0	5.0	5.17	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	21:21-21:23							
Water Depth (m)	7.8							
Monitoring Depth (m)	1.0		3.9		6.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	27.9	27.6	27.6	27.3	27.4	27.63	-
Salinity (ppt)	22.6	22.5	24.8	24.8	26.5	26.5	24.61	-
pH	7.1	7.1	7.1	7.1	7.1	7.1	7.11	
D.O. Saturation (%)	87.9	86.6	86.1	86.8	90.0	89.0	87.73	-
D.O. (mg/L)	6.0	6.0	5.9	5.9	6.1	6.0	5.99	6.08
Turbidity (NTU)	4.1	3.8	4.9	4.8	5.3	5.5	4.73	-
SS (mg/L)	3.0	4.0	4.0	5.0	4.0	5.0	4.17	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	21:08-21:10						Northing	Easting
Water Depth (m)	7.6						22.21.166	113.53.565
Monitoring Depth (m)	1.0		3.8		6.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.0	26.7	26.7	26.5	26.5	27.06	-
Salinity (ppt)	28.6	28.5	29.6	29.6	30.1	30.0	29.41	-
pH	7.1	7.2	7.2	7.2	7.3	7.3	7.20	
D.O. Saturation (%)	85.5	84.8	78.3	79.7	81.4	81.1	81.80	-
D.O. (mg/L)	5.7	5.7	5.3	5.2	5.5	5.46	5.46	5.47
Turbidity (NTU)	5.7	5.5	6.6	6.5	7.9	7.6	6.63	-
SS (mg/L)	4.0	4.0	5.0	4.0	6.0	5.0	4.67	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	20:47-20:49							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.9	27.6	27.6	27.5	27.5	27.70	-
Salinity (ppt)	22.9	22.9	25.1	25.0	25.5	25.3	24.45	-
pH	7.1	7.1	7.2	7.1	7.2	7.1	7.13	
D.O. Saturation (%)	87.9	87.7	88.8	88.5	90.7	89.6	88.87	-
D.O. (mg/L)	6.0	6.0	6.0	6.0	6.2	6.1	6.06	6.14
Turbidity (NTU)	3.0	3.1	3.4	3.5	3.9	4.2	3.52	-
SS (mg/L)	4.0	4.0	4.0	4.0	3.0	3.0	3.67	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	20:58-21:00						Northing	Easting
Water Depth (m)	9.2						22.21.041	113.54.310
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.4	26.6	26.6	26.4	26.4	26.82	-
Salinity (ppt)	29.2	29.1	30.0	30.0	30.2	30.2	29.79	-
pH	7.2	7.2	7.2	7.1	7.1	7.1	7.14	
D.O. Saturation (%)	86.0	86.8	83.7	84.6	85.7	84.2	85.17	-
D.O. (mg/L)	5.7	5.8	5.6	5.7	5.8	5.75	5.73	5.77
Turbidity (NTU)	4.2	4.3	5.1	4.8	5.3	5.5	4.87	-
SS (mg/L)	4.0	4.0	5.0	4.0	6.0	5.0	4.67	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	21:31-21:33							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.9	-	-	27.5	27.6	27.72	-
Salinity (ppt)	24.1	23.9	-	-	25.0	25.1	24.53	-
pH	7.1	7.1	-	-	7.1	7.2	7.13	
D.O. Saturation (%)	93.8	94.8	-	-	96.7	96.2	95.38	-
D.O. (mg/L)	6.5	6.5	-	-	6.6	6.5	6.51	6.56
Turbidity (NTU)	3.7	3.8	-	-	4.5	4.6	4.15	-
SS (mg/L)	3.0	3.0	-	-	4.0	3.0	3.25	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.8	5.8	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.7	5.7	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	7.1	7.1	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	6.7	6.7	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/23/08
Weather & Ambient Temperature	Sunny, 28C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	15:48-15:50							
Water Depth (m)	16.0							
Monitoring Depth (m)	1.0		8.0		15.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.1	27.1	26.4	26.3	26.3	26.3	26.57	-
Salinity (ppt)	29.2	29.1	30.0	30.0	30.2	30.2	29.81	-
pH	7.0	7.0	7.0	7.0	7.0	7.0	6.99	
D.O. Saturation (%)	88.7	88.3	82.9	84.6	90.1	89.3	87.32	-
D.O. (mg/L)	5.9	5.9	5.6	5.7	6.1	6.0	5.86	6.05
Turbidity (NTU)	3.4	3.3	4.8	4.6	5.2	5.4	4.45	-
SS (mg/L)	5.0	4.0	4.0	3.0	4.0	5.0	4.17	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	17:06-17:08							
Water Depth (m)	6.2							
Monitoring Depth (m)	1.0		3.1		5.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.6	27.1	27.1	27.1	27.0	27.28	-
Salinity (ppt)	25.4	25.4	26.8	26.8	27.2	27.1	26.44	-
pH	7.2	7.2	7.2	7.2	7.2	7.2	7.18	
D.O. Saturation (%)	88.3	87.3	86.8	86.9	89.7	89.1	88.02	-
D.O. (mg/L)	6.0	5.9	5.9	5.9	6.1	6.0	5.96	6.05
Turbidity (NTU)	3.2	3.2	4.5	4.7	6.6	6.5	4.78	-
SS (mg/L)	5.0	4.0	5.0	5.0	5.0	5.0	4.83	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	16:17-16:20						Northing	Easting
Water Depth (m)	8.0						22.21.167	113.53.572
Monitoring Depth (m)	1.0		4.0		7.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.4	27.0	27.0	26.4	26.5	26.93	-
Salinity (ppt)	27.9	27.8	29.2	29.2	29.7	29.7	28.89	-
pH	7.2	7.2	7.2	7.2	7.2	7.2	7.21	
D.O. Saturation (%)	85.4	83.9	77.9	78.4	83.0	82.6	81.87	-
D.O. (mg/L)	5.7	5.6	5.2	5.2	5.6	5.6	5.47	5.57
Turbidity (NTU)	3.8	3.9	5.1	5.2	5.8	5.9	4.95	-
SS (mg/L)	4.0	4.0	5.0	6.0	3.0	3.0	4.17	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	16:06-16:09						Northing	Easting
Water Depth (m)	9.2						22.21.032	113.54.306
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.2	27.2	26.5	26.5	26.3	26.3	26.68	-
Salinity (ppt)	27.5	27.5	29.1	7.2	29.7	29.7	28.76	-
pH	7.2	7.1	7.2	7.2	7.2	7.2	7.16	
D.O. Saturation (%)	84.0	85.1	82.4	82.5	83.6	84.5	83.68	-
D.O. (mg/L)	5.7	5.7	5.6	5.6	5.6	5.7	5.63	5.66
Turbidity (NTU)	4.6	4.5	5.4	5.6	6.2	5.9	5.37	-
SS (mg/L)	5.0	4.0	6.0	4.0	5.0	5.0	4.83	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	16:38-16:40							
Water Depth (m)	7.6							
Monitoring Depth (m)	1.0		3.8		6.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.4	27.5	27.3	27.3	27.50	-
Salinity (ppt)	22.4	22.5	24.5	24.4	25.9	25.8	24.26	-
pH	7.1	7.1	7.2	7.1	7.2	7.2	7.14	
D.O. Saturation (%)	88.9	88.5	88.0	87.7	90.9	90.2	89.03	-
D.O. (mg/L)	6.1	6.1	6.0	6.0	6.2	6.1	6.08	6.15
Turbidity (NTU)	3.5	3.2	4.4	4.2	4.7	4.9	4.15	-
SS (mg/L)	4.0	6.0	6.0	4.0	5.0	4.0	4.83	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	16:49-16:51							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.6	27.6	27.6	27.6	27.66	-
Salinity (ppt)	22.8	22.7	23.4	23.3	23.5	23.3	23.18	-
pH	7.1	7.1	7.1	7.1	7.1	7.2	7.14	
D.O. Saturation (%)	90.4	90.0	91.0	91.1	91.6	91.3	90.90	-
D.O. (mg/L)	6.2	6.2	6.2	6.2	6.3	6.2	6.22	6.25
Turbidity (NTU)	3.8	3.7	4.4	4.2	5.3	5.5	4.48	-
SS (mg/L)	3.0	4.0	4.0	5.0	6.0	4.0	4.33	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	16:28-16:30							
Water Depth (m)	5.8							
Monitoring Depth (m)	1.0		2.9		4.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	-	-	27.4	27.3	27.52	-
Salinity (ppt)	24.0	24.0	-	-	25.3	25.4	24.68	-
pH	7.2	7.1	-	-	7.2	7.2	7.16	
D.O. Saturation (%)	98.1	99.1	-	-	99.7	99.4	99.08	-
D.O. (mg/L)	6.7	6.7	-	-	6.8	6.7	6.74	6.77
Turbidity (NTU)	3.7	3.8	-	-	4.7	4.5	4.18	-
SS (mg/L)	5.0	7.0	-	-	3.0	4.0	4.75	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	6.0	6.0	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.9	5.9	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	6.0	6.0	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	5.9	5.9	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/24/2008
Weather & Ambient Temperature	Sunny, 28C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	10:58-11:01							
Water Depth (m)	21.0							
Monitoring Depth (m)	1.0		10.5		20.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	26.3	26.2	25.3	25.2	26.37	-
Salinity (ppt)	22.4	22.3	26.5	26.6	29.3	29.5	26.09	-
pH	7.5	7.5	7.6	7.6	7.5	7.5	7.54	
D.O. Saturation (%)	79.9	78.2	69.9	67.4	64.7	65.5	70.93	-
D.O. (mg/L)	5.5	5.3	4.8	4.6	4.4	4.5	4.84	4.45
Turbidity (NTU)	5.7	5.7	7.6	7.7	9.2	9.6	7.58	-
SS (mg/L)	7.0	5.0	4.0	3.0	3.0	4.0	4.33	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	10:28-10:32							
Water Depth (m)	8.5							
Monitoring Depth (m)	1.0		4.3		7.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	26.6	26.6	26.2	26.2	26.75	-
Salinity (ppt)	18.8	19.1	23.3	23.2	25.7	25.6	22.61	-
pH	7.4	7.4	7.5	7.5	7.5	7.5	7.47	
D.O. Saturation (%)	74.4	73.5	68.1	68.0	67.5	68.7	70.03	-
D.O. (mg/L)	5.2	5.1	4.7	4.7	4.6	4.7	4.84	4.68
Turbidity (NTU)	6.4	6.3	8.7	8.9	10.3	9.7	8.38	-
SS (mg/L)	4.0	6.0	5.0	5.0	5.0	5.0	5.00	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	9:47-9:50						Northing	Easting
Water Depth (m)	7.8						22.21.234	113.53.643
Monitoring Depth (m)	1.0		3.9		6.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.4	26.4	26.5	26.3	26.1	26.66	-
Salinity (ppt)	21.9	21.9	25.6	25.5	26.3	26.5	24.61	-
pH	7.5	7.5	7.6	7.6	7.6	7.6	7.56	
D.O. Saturation (%)	77.4	78.7	71.1	72.2	72.3	71.1	73.80	-
D.O. (mg/L)	5.3	5.4	4.9	4.9	4.9	4.86	5.05	4.90
Turbidity (NTU)	5.8	5.8	7.2	7.4	9.9	9.1	7.53	-
SS (mg/L)	4.0	4.0	4.0	4.0	4.0	4.0	4.00	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	10:18-10:20							
Water Depth (m)	9.4							
Monitoring Depth (m)	1.0		4.7		8.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	27.8	26.5	26.6	26.3	26.4	26.92	-
Salinity (ppt)	17.2	17.4	24.1	23.5	25.2	24.8	22.02	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.52	
D.O. Saturation (%)	76.3	75.8	69.3	68.8	72.0	72.0	72.37	-
D.O. (mg/L)	5.3	5.3	4.8	4.7	4.9	4.9	5.00	4.94
Turbidity (NTU)	6.5	6.5	9.2	9.4	10.4	11.3	8.88	-
SS (mg/L)	6.0	5.0	5.0	4.0	7.0	5.0	5.33	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	9:37-9:40						Northing	Easting
Water Depth (m)	6.8						22.21.119	113.54.530
Monitoring Depth (m)	1.0		3.4		5.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	26.9	26.9	26.1	26.3	26.0	26.0	26.35	-
Salinity (ppt)	23.2	23.2	26.1	25.7	26.6	26.6	25.23	-
pH	7.6	7.6	7.6	7.6	7.6	7.6	7.59	
D.O. Saturation (%)	74.7	74.7	67.4	68.9	68.2	68.7	70.43	-
D.O. (mg/L)	5.1	5.1	4.6	4.7	4.7	4.71	4.83	4.70
Turbidity (NTU)	7.0	7.2	9.7	9.6	10.1	9.9	8.92	-
SS (mg/L)	4.0	4.0	5.0	5.0	4.0	4.0	4.33	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	10:46-10:47							
Water Depth (m)	5.9							
Monitoring Depth (m)	1.0		3.0		4.9			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.5	-	-	26.5	26.6	27.05	-
Salinity (ppt)	19.2	18.5	-	-	23.7	23.8	21.31	-
pH	7.4	7.4	-	-	7.4	7.4	7.38	
D.O. Saturation (%)	75.2	74.8	-	-	71.3	73.9	73.80	-
D.O. (mg/L)	5.2	5.2	-	-	4.9	5.1	5.10	5.00
Turbidity (NTU)	6.2	6.2	-	-	12.5	12.8	9.43	-
SS (mg/L)	6.0	5.0	-	-	5.0	5.0	5.25	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	4.4	4.4	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	4.8	4.8	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	9.9	9.9	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	5.6	5.6	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/24/2008
Weather & Ambient Temperature	Sunny, 29C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	15:58-16:01							
Water Depth (m)	16.2							
Monitoring Depth (m)	1.0		8.1		15.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.4	27.4	26.7	26.8	27.26	-
Salinity (ppt)	24.3	24.1	25.0	25.2	27.1	26.9	25.42	-
pH	7.5	7.5	7.5	7.5	7.4	7.4	7.46	
D.O. Saturation (%)	80.1	79.1	73.5	72.4	71.2	71.5	74.63	-
D.O. (mg/L)	5.5	5.4	5.0	5.0	4.9	4.9	5.11	4.89
Turbidity (NTU)	5.7	5.6	7.2	7.3	11.4	11.1	8.05	-
SS (mg/L)	5.0	4.0	5.0	5.0	4.0	4.0	4.50	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	14:33-14:36							
Water Depth (m)	7.2							
Monitoring Depth (m)	1.0		3.6		6.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.5	28.5	27.7	27.8	26.9	26.9	27.71	-
Salinity (ppt)	17.1	17.0	20.2	20.2	25.4	25.4	20.90	-
pH	7.3	7.3	7.4	7.4	7.3	7.3	7.32	
D.O. Saturation (%)	78.4	78.4	74.0	73.1	71.7	70.9	74.42	-
D.O. (mg/L)	5.5	5.5	5.2	5.1	4.9	4.9	5.17	4.90
Turbidity (NTU)	6.3	6.6	9.6	9.5	10.6	9.9	8.75	-
SS (mg/L)	4.0	3.0	5.0	5.0	4.0	6.0	4.50	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	15:03-15:05							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.4	28.3	27.7	27.8	27.1	27.0	27.73	-
Salinity (ppt)	17.6	18.0	22.2	21.5	25.3	25.9	21.75	-
pH	7.3	7.3	7.3	7.3	7.4	7.4	7.32	
D.O. Saturation (%)	75.1	75.2	72.0	72.4	71.2	71.0	72.82	-
D.O. (mg/L)	5.2	5.2	5.0	5.0	4.9	4.9	5.04	4.88
Turbidity (NTU)	7.1	7.0	7.8	7.8	9.5	9.7	8.15	-
SS (mg/L)	4.0	5.0	4.0	5.0	4.0	6.0	4.67	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	15:34-15:37						Northing	Easting
Water Depth (m)	7.5						22.21.236	113.53.651
Monitoring Depth (m)	1.0		3.8		6.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.0	27.4	27.5	27.1	27.2	27.52	-
Salinity (ppt)	21.0	20.8	24.6	24.5	25.8	25.6	23.73	-
pH	7.4	7.4	7.4	7.4	7.4	7.4	7.41	
D.O. Saturation (%)	76.8	77.3	74.2	74.7	74.3	74.8	75.35	-
D.O. (mg/L)	5.3	5.3	5.1	5.1	5.1	5.1	5.17	5.10
Turbidity (NTU)	6.5	6.5	6.4	6.1	8.0	8.3	6.97	-
SS (mg/L)	4.0	5.0	5.0	4.0	5.0	5.0	4.67	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	14:54-14:56							
Water Depth (m)	9.2							
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.5	28.5	27.5	27.5	27.2	27.2	27.72	-
Salinity (ppt)	16.7	16.6	22.9	23.0	24.5	24.5	21.37	-
pH	7.3	7.3	7.4	7.3	7.3	7.4	7.32	
D.O. Saturation (%)	75.2	74.0	70.1	70.2	71.7	71.1	72.05	-
D.O. (mg/L)	5.3	5.2	4.8	4.8	4.9	4.9	4.99	4.91
Turbidity (NTU)	7.1	7.2	11.4	11.7	11.9	12.4	10.28	-
SS (mg/L)	5.0	7.0	5.0	5.0	6.0	6.0	5.67	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	15:44-15:47						Northing	Easting
Water Depth (m)	7.4						22.21.117	113.54.510
Monitoring Depth (m)	1.0		3.7		6.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.7	27.3	27.4	26.8	26.8	27.27	-
Salinity (ppt)	22.2	22.1	23.9	7.4	26.2	26.2	24.05	-
pH	7.4	7.4	7.4	7.4	7.4	7.4	7.41	
D.O. Saturation (%)	72.1	72.2	68.3	70.0	68.0	66.6	69.53	-
D.O. (mg/L)	5.0	5.0	4.7	4.8	4.7	4.6	4.79	4.63
Turbidity (NTU)	7.7	7.7	8.5	8.5	11.5	12.4	9.38	-
SS (mg/L)	5.0	5.0	4.0	4.0	6.0	5.0	4.83	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	15:21-15:23							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.2	28.2	-	-	27.2	27.2	27.70	-
Salinity (ppt)	18.5	18.2	-	-	24.0	23.9	21.13	-
pH	7.3	7.2	-	-	7.4	7.3	7.30	
D.O. Saturation (%)	73.6	74.6	-	-	72.5	72.0	73.18	-
D.O. (mg/L)	5.1	5.2	-	-	5.0	5.0	5.07	4.98
Turbidity (NTU)	6.9	7.1	-	-	11.2	10.9	9.03	-
SS (mg/L)	3.0	4.0	-	-	4.0	4.0	3.75	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	4.9	4.9	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.1	5.1	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	10.9	10.9	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	5.9	5.9	N	N	N	N	N	N	N	N	N	N

Sampling Date	25/10/2008
Weather & Ambient Temperature	Cloudy, 28C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	11:25-11:26							
Water Depth (m)	18.8							
Monitoring Depth (m)	1.0		9.4		17.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	27.9	27.4	27.7	27.2	27.2	27.56	-
Salinity (ppt)	29.1	29.2	29.3	30.1	31.2	31.2	30.02	-
pH	7.5	7.5	7.5	7.5	7.4	7.4	7.45	
D.O. Saturation (%)	101.2	100.2	93.1	92.6	90.9	93.1	95.18	-
D.O. (mg/L)	6.8	6.7	6.3	6.2	6.1	6.2	6.39	6.18
Turbidity (NTU)	2.9	2.8	3.1	3.2	3.5	3.8	3.22	-
SS (mg/L)	8.0	6.0	4.0	4.0	3.0	4.0	4.83	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	10:58-10:59							
Water Depth (m)	9.2							
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.4	27.3	27.3	27.3	27.3	27.33	-
Salinity (ppt)	27.8	27.9	28.3	28.4	28.9	29.0	28.37	-
pH	7.6	7.6	7.5	7.5	7.5	7.4	7.49	
D.O. Saturation (%)	110.9	111.0	103.9	105.9	105.8	102.7	106.70	-
D.O. (mg/L)	7.6	7.5	7.1	7.2	7.2	7.0	7.25	7.06
Turbidity (NTU)	3.4	3.3	3.5	3.3	4.5	4.2	3.70	-
SS (mg/L)	4.0	5.0	5.0	7.0	4.0	6.0	5.17	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	10:34-10:35						Northing	Easting
Water Depth (m)	9.2						22.21.305	113.53.841
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.4	27.3	27.3	27.2	27.2	27.30	-
Salinity (ppt)	27.8	27.9	28.7	28.7	30.6	30.5	29.04	-
pH	7.4	7.4	7.4	7.3	7.2	7.2	7.32	
D.O. Saturation (%)	109.2	110.9	98.5	100.0	92.4	93.3	100.72	-
D.O. (mg/L)	7.4	7.6	6.7	6.8	6.2	6.27	6.82	6.24
Turbidity (NTU)	4.1	4.2	4.3	4.5	4.9	4.7	4.45	-
SS (mg/L)	4.0	4.0	4.0	3.0	5.0	4.0	4.00	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	10:48-10:49							
Water Depth (m)	8.6							
Monitoring Depth (m)	1.0		4.3		7.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	27.3	27.3	27.3	27.3	27.35	-
Salinity (ppt)	27.8	28.2	28.8	28.8	28.9	28.8	28.57	-
pH	7.4	7.4	7.4	7.4	7.4	7.4	7.38	
D.O. Saturation (%)	109.5	106.1	102.9	105.5	105.4	105.6	105.83	-
D.O. (mg/L)	7.5	7.2	7.0	7.1	7.2	7.2	7.18	7.16
Turbidity (NTU)	4.1	4.2	4.4	4.3	4.8	4.9	4.45	-
SS (mg/L)	5.0	6.0	5.0	4.0	4.0	6.0	5.00	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	10:23-10:24						Northing	Easting
Water Depth (m)	13.4						22.21.096	113.56.892
Monitoring Depth (m)	1.0		6.7		12.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	27.3	27.3	27.2	27.2	27.31	-
Salinity (ppt)	27.2	28.0	28.9	28.9	30.3	30.3	28.95	-
pH	7.4	7.4	7.4	7.4	7.2	7.3	7.34	
D.O. Saturation (%)	109.3	106.1	97.3	97.1	93.7	94.7	99.70	-
D.O. (mg/L)	7.4	7.2	6.6	6.6	6.3	6.39	6.76	6.36
Turbidity (NTU)	3.5	3.3	4.7	4.4	4.8	4.5	4.20	-
SS (mg/L)	4.0	4.0	4.0	5.0	4.0	5.0	4.33	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	11:07-11:08							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.4	-	-	27.3	27.3	27.36	-
Salinity (ppt)	27.9	27.9	-	-	28.4	28.4	28.15	-
pH	7.6	7.6	-	-	7.5	7.5	7.54	
D.O. Saturation (%)	110.5	116.3	-	-	113.7	111.2	112.93	-
D.O. (mg/L)	7.5	7.9	-	-	7.7	7.6	7.68	7.65
Turbidity (NTU)	3.5	3.7	-	-	3.8	3.8	3.70	-
SS (mg/L)	5.0	5.0	-	-	6.0	6.0	5.50	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	6.2	6.2	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	6.4	6.4	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	4.2	4.2	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	6.3	6.3	N	N	N	N	N	N	N	N	N	N

Sampling Date	25/10/2008
Weather & Ambient Temperature	Cloudy, 29C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	17:21-17:22							
Water Depth (m)	15.6							
Monitoring Depth (m)	1.0		7.8		14.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.9	27.4	27.8	27.2	27.2	27.58	-
Salinity (ppt)	29.3	27.2	29.4	30.2	30.9	30.7	29.61	-
pH	7.4	7.4	7.4	7.3	7.3	7.3	7.35	
D.O. Saturation (%)	103.4	101.5	93.7	94.4	96.4	93.6	97.17	-
D.O. (mg/L)	6.9	6.9	6.3	6.3	6.5	6.3	6.54	6.40
Turbidity (NTU)	3.2	3.2	3.4	3.5	3.8	3.9	3.50	-
SS (mg/L)	5.0	4.0	4.0	5.0	6.0	5.0	4.83	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	16:04-16:05							
Water Depth (m)	6.8							
Monitoring Depth (m)	1.0		3.4		5.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.0	28.1	28.1	27.8	27.9	27.97	-
Salinity (ppt)	27.7	29.1	28.8	30.1	30.1	29.6	29.22	-
pH	7.4	7.5	7.4	7.4	7.4	7.4	7.41	
D.O. Saturation (%)	100.6	101.0	100.4	98.7	99.3	101.7	100.28	-
D.O. (mg/L)	6.8	6.8	6.7	6.6	6.7	6.8	6.72	6.73
Turbidity (NTU)	3.8	3.5	4.2	4.1	4.2	4.4	4.03	-
SS (mg/L)	5.0	6.0	6.0	6.0	6.0	5.0	5.67	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	16:52-16:53							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	27.3	27.3	27.3	27.3	27.35	-
Salinity (ppt)	27.4	26.9	27.7	28.4	27.8	28.6	27.79	-
pH	7.6	7.6	7.5	7.6	7.6	7.5	7.56	
D.O. Saturation (%)	112.5	115.3	109.5	108.6	110.2	114.6	111.78	-
D.O. (mg/L)	7.6	7.9	7.5	7.4	7.5	7.8	7.61	7.64
Turbidity (NTU)	3.2	3.1	3.5	3.3	3.8	3.6	3.42	-
SS (mg/L)	4.0	4.0	4.0	5.0	3.0	4.0	4.00	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	16:30-16:31						Northing	Easting
Water Depth (m)	8.8						22.21.307	113.53.843
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.4	27.3	27.3	27.2	27.2	27.30	-
Salinity (ppt)	27.8	27.9	29.0	28.9	30.9	29.8	29.05	-
pH	7.6	7.6	7.5	7.5	7.4	7.4	7.49	
D.O. Saturation (%)	107.9	110.9	96.8	96.5	92.7	93.3	99.68	-
D.O. (mg/L)	7.3	7.5	6.6	6.5	6.2	6.3	6.75	6.28
Turbidity (NTU)	4.1	3.9	4.3	4.2	4.6	4.8	4.32	-
SS (mg/L)	6.0	6.0	4.0	5.0	5.0	4.0	5.00	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	16:41-16:42							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.5	27.3	27.4	27.3	27.3	27.36	-
Salinity (ppt)	27.7	27.7	28.8	28.7	29.0	28.8	28.44	-
pH	7.5	7.4	7.4	7.4	7.4	7.3	7.38	
D.O. Saturation (%)	109.0	109.4	103.3	105.1	104.9	105.5	106.20	-
D.O. (mg/L)	7.4	7.4	7.0	7.1	7.1	7.2	7.21	7.14
Turbidity (NTU)	3.7	3.8	4.3	4.2	4.8	4.7	4.25	-
SS (mg/L)	3.0	3.0	4.0	4.0	4.0	3.0	3.50	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	16:19-16:20						Northing	Easting
Water Depth (m)	13.0						22.21.093	113.56.896
Monitoring Depth (m)	1.0		6.5		12.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.5	27.2	27.3	27.2	27.2	27.31	-
Salinity (ppt)	27.2	25.7	29.2	7.3	30.1	29.8	28.48	-
pH	7.4	7.4	7.3	7.3	7.3	7.3	7.34	
D.O. Saturation (%)	111.7	114.0	92.4	94.0	91.6	94.7	99.73	-
D.O. (mg/L)	7.6	7.8	6.3	6.4	6.2	6.4	6.77	6.30
Turbidity (NTU)	4.1	4.1	4.2	4.1	4.3	4.5	4.22	-
SS (mg/L)	5.0	5.0	4.0	5.0	4.0	4.0	4.50	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	17:03-17:04							
Water Depth (m)	5.3							
Monitoring Depth (m)	1.0		2.7		4.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.5	27.4	-	-	27.3	27.3	27.37	-
Salinity (ppt)	27.8	27.9	-	-	27.6	26.4	27.44	-
pH	7.6	7.6	-	-	7.6	7.6	7.59	
D.O. Saturation (%)	114.1	116.0	-	-	112.7	111.4	113.55	-
D.O. (mg/L)	7.7	7.9	-	-	7.7	7.7	7.74	7.67
Turbidity (NTU)	3.1	3.3	-	-	3.6	3.5	3.38	-
SS (mg/L)	4.0	4.0	-	-	4.0	5.0	4.25	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	6.6	6.6	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	6.6	6.6	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	4.9	4.9	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	6.8	6.8	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/26/2008
Weather & Ambient Temperature	Sunny, 28C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	11:53-11:55							
Water Depth (m)	19.2							
Monitoring Depth (m)	1.0		9.6		18.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.0	27.8	27.8	27.6	27.6	27.79	-
Salinity (ppt)	29.0	28.9	30.4	30.3	31.4	31.5	30.24	-
pH	7.5	7.5	7.6	7.6	7.5	7.6	7.55	
D.O. Saturation (%)	82.9	82.5	79.8	78.9	76.6	78.4	79.85	-
D.O. (mg/L)	5.6	5.5	5.3	5.3	5.1	5.2	5.32	5.15
Turbidity (NTU)	5.2	5.2	7.7	7.2	8.6	8.4	7.05	-
SS (mg/L)	6.0	6.0	6.0	5.0	7.0	8.0	6.33	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	11:24-11:26							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.7	27.7	27.7	27.7	27.6	27.67	-
Salinity (ppt)	20.8	20.7	25.5	25.9	28.5	27.8	24.86	-
pH	7.4	7.4	7.4	7.5	7.5	7.4	7.40	
D.O. Saturation (%)	77.8	78.4	74.8	75.1	75.6	74.5	76.03	-
D.O. (mg/L)	5.5	5.5	5.1	5.1	5.1	5.0	5.23	5.07
Turbidity (NTU)	5.3	5.6	5.7	5.8	6.0	6.1	5.75	-
SS (mg/L)	6.0	5.0	7.0	6.0	6.0	6.0	6.00	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	10:51-10:53						Northing	Easting
Water Depth (m)	7.4						22.21.555	113.54.280
Monitoring Depth (m)	1.0		3.7		6.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.8	27.8	27.8	27.7	27.73	-
Salinity (ppt)	23.4	23.4	29.8	29.9	30.2	30.4	27.85	-
pH	7.5	7.5	7.6	7.5	7.6	7.5	7.53	
D.O. Saturation (%)	79.1	79.5	76.0	76.2	75.9	76.6	77.22	-
D.O. (mg/L)	5.5	5.5	5.1	5.1	5.1	5.11	5.22	5.09
Turbidity (NTU)	5.9	5.9	8.1	7.9	8.8	9.1	7.62	-
SS (mg/L)	7.0	5.0	6.0	8.0	8.0	6.0	6.67	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	11:13-11:17							
Water Depth (m)	9.2							
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.6	27.8	27.8	27.8	27.72	-
Salinity (ppt)	18.2	21.0	25.2	28.2	29.1	28.9	25.11	-
pH	7.5	7.5	7.5	7.5	7.5	7.6	7.52	
D.O. Saturation (%)	77.2	77.7	76.3	76.5	76.8	77.1	76.93	-
D.O. (mg/L)	5.5	5.5	5.2	5.2	5.2	5.2	5.28	5.16
Turbidity (NTU)	6.1	6.2	6.0	6.1	6.8	6.5	6.28	-
SS (mg/L)	6.0	7.0	7.0	8.0	6.0	7.0	6.83	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	10:41-10:43						Northing	Easting
Water Depth (m)	6.8						22.21.192	113.55.055
Monitoring Depth (m)	1.0		3.4		5.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.7	27.6	27.6	27.6	27.65	-
Salinity (ppt)	25.5	25.6	30.2	30.4	31.2	30.9	28.96	-
pH	7.5	7.5	7.6	7.6	7.6	7.6	7.55	
D.O. Saturation (%)	78.3	79.8	75.9	74.4	76.6	74.8	76.63	-
D.O. (mg/L)	5.4	5.5	5.1	5.0	5.1	4.99	5.16	5.05
Turbidity (NTU)	6.4	6.3	7.7	7.4	9.7	9.6	7.85	-
SS (mg/L)	6.0	5.0	5.0	6.0	6.0	7.0	5.83	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	11:35-11:36							
Water Depth (m)	5.7							
Monitoring Depth (m)	1.0		2.9		4.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	-	-	27.6	27.6	27.63	-
Salinity (ppt)	19.8	20.1	-	-	26.0	24.6	22.62	-
pH	7.4	7.4	-	-	7.4	7.4	7.41	
D.O. Saturation (%)	78.2	77.3	-	-	76.6	78.5	77.65	-
D.O. (mg/L)	5.5	5.5	-	-	5.2	5.4	5.41	5.33
Turbidity (NTU)	9.8	9.9	-	-	9.8	9.9	9.85	-
SS (mg/L)	5.0	4.0	-	-	5.0	5.0	4.75	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.2	5.2	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.3	5.3	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	9.2	9.2	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	8.2	8.2	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/26/2008
Weather & Ambient Temperature	Sunny, 29C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	16:45-16:47							
Water Depth (m)	16.4							
Monitoring Depth (m)	1.0		8.2		15.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.0	27.8	27.8	27.6	27.6	27.80	-
Salinity (ppt)	28.9	28.9	30.0	30.1	31.1	31.4	30.09	-
pH	7.5	7.5	7.6	7.6	7.6	7.6	7.56	
D.O. Saturation (%)	82.4	83.2	78.6	79.5	77.9	78.8	80.07	-
D.O. (mg/L)	5.5	5.6	5.2	5.3	5.2	5.2	5.35	5.22
Turbidity (NTU)	4.8	5.0	7.3	7.4	8.5	9.0	7.00	-
SS (mg/L)	4.0	4.0	5.0	4.0	5.0	6.0	4.67	-
Remarks	Dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	15:22-15:23							
Water Depth (m)	6.8							
Monitoring Depth (m)	1.0		3.4		5.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.6	27.6	27.8	27.8	27.69	-
Salinity (ppt)	18.0	18.5	25.1	25.1	28.5	28.6	23.94	-
pH	7.5	7.5	7.5	7.5	7.6	7.6	7.52	
D.O. Saturation (%)	77.3	77.7	76.9	76.1	76.2	78.0	77.03	-
D.O. (mg/L)	5.5	5.5	5.3	5.2	5.1	5.2	5.32	5.18
Turbidity (NTU)	6.1	6.1	5.9	6.0	6.2	6.5	6.13	-
SS (mg/L)	7.0	6.0	6.0	5.0	5.0	4.0	5.50	-
Remarks	Dredging works was observed.							

Station	MPB1							
Time (hh:mm)	16:16-16:18							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.6	27.7	27.7	27.7	27.8	27.71	-
Salinity (ppt)	18.7	19.7	25.9	25.4	30.0	29.4	24.85	-
pH	7.4	7.4	7.5	7.5	7.5	7.5	7.47	
D.O. Saturation (%)	76.9	77.1	76.2	76.1	76.3	76.1	76.45	-
D.O. (mg/L)	5.5	5.5	5.2	5.2	5.1	5.1	5.26	5.10
Turbidity (NTU)	6.1	6.2	7.2	7.1	7.5	7.2	6.88	-
SS (mg/L)	6.0	6.0	5.0	5.0	7.0	5.0	5.67	-
Remarks	Dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	15:50-15:52						Northing	Easting
Water Depth (m)	7.0						22.21.556	113.54.272
Monitoring Depth (m)	1.0		3.5		6.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	28.4	27.8	27.8	27.8	27.7	27.88	-
Salinity (ppt)	24.8	25.5	29.8	29.8	30.0	30.2	28.35	-
pH	7.5	7.6	7.6	7.6	7.6	7.6	7.57	
D.O. Saturation (%)	79.0	79.1	75.8	75.8	75.5	75.8	76.83	-
D.O. (mg/L)	5.4	5.4	5.1	5.1	5.0	5.1	5.18	5.05
Turbidity (NTU)	5.4	6.0	6.9	6.9	8.9	8.7	7.13	-
SS (mg/L)	6.0	6.0	6.0	5.0	5.0	6.0	5.67	-
Remarks	Dredging works was observed.							

Station	MPB2							
Time (hh:mm)	16:30-16:32							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.7	27.7	27.8	27.8	27.73	-
Salinity (ppt)	17.2	17.1	25.8	27.1	29.1	29.0	24.23	-
pH	7.4	7.5	7.5	7.5	7.5	7.5	7.50	
D.O. Saturation (%)	77.8	77.4	76.3	76.6	77.2	77.4	77.12	-
D.O. (mg/L)	5.6	5.6	5.2	5.2	5.2	5.2	5.32	5.18
Turbidity (NTU)	6.3	6.4	6.3	6.4	6.5	6.5	6.40	-
SS (mg/L)	7.0	6.0	4.0	6.0	6.0	7.0	6.00	-
Remarks	Dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	15:38-15:41						Northing	Easting
Water Depth (m)	7.0						22.21.200	113.55.057
Monitoring Depth (m)	1.0		3.5		6.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.7	27.7	27.6	27.6	27.6	27.63	-
Salinity (ppt)	24.8	25.3	30.2	7.5	31.2	31.0	28.83	-
pH	7.4	7.5	7.6	7.5	7.6	7.5	7.50	
D.O. Saturation (%)	80.1	79.9	75.0	74.7	74.7	75.7	76.68	-
D.O. (mg/L)	5.5	5.5	5.0	5.0	5.0	5.0	5.17	5.01
Turbidity (NTU)	6.5	6.4	7.9	7.8	9.3	9.0	7.82	-
SS (mg/L)	4.0	5.0	5.0	6.0	5.0	6.0	5.17	-
Remarks	Dredging works was observed.							

Station	MP							
Time (hh:mm)	16:04-16:06							
Water Depth (m)	5.5							
Monitoring Depth (m)	1.0		2.8		4.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.6	27.6	-	-	27.6	27.6	27.63	-
Salinity (ppt)	20.6	20.3	-	-	26.0	26.4	23.33	-
pH	7.4	7.4	-	-	7.5	7.5	7.43	
D.O. Saturation (%)	77.2	76.8	-	-	75.6	75.7	76.33	-
D.O. (mg/L)	5.4	5.4	-	-	5.2	5.2	5.30	5.18
Turbidity (NTU)	5.8	5.8	-	-	5.8	5.7	5.78	-
SS (mg/L)	6.0	7.0	-	-	6.0	8.0	6.75	-
Remarks	Dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.2	5.2	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.3	5.3	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	8.5	8.5	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	6.6	6.6	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/27/08
Weather & Ambient Temperature	Sunny, 29C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	12:15-12:17							
Water Depth (m)	19.9							
Monitoring Depth (m)	1.0		10.0		18.9			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	27.5	27.9	27.9	27.7	27.7	27.81	-
Salinity (ppt)	26.8	27.2	27.6	27.6	27.9	27.9	27.49	-
pH	7.6	7.6	7.6	7.6	7.6	7.7	7.62	
D.O. Saturation (%)	98.2	100.8	100.8	99.2	100.7	98.3	99.67	-
D.O. (mg/L)	7.9	8.1	8.1	7.9	8.1	7.9	7.99	7.97
Turbidity (NTU)	3.2	3.2	6.8	7.3	11.7	11.8	7.33	-
SS (mg/L)	6.0	7.0	6.0	6.0	6.0	7.0	6.33	-
Remarks	No dredging work was observed.							

Station	MPB1							
Time (hh:mm)	11:48-11:49							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.0	28.0	28.0	28.0	28.0	27.97	-
Salinity (ppt)	27.2	27.1	27.7	27.1	27.1	27.1	27.20	-
pH	7.6	7.6	7.6	7.6	7.6	7.6	7.62	
D.O. Saturation (%)	98.9	99.3	99.7	98.6	98.5	99.1	99.02	-
D.O. (mg/L)	7.9	8.0	8.2	7.9	7.9	7.9	7.96	7.91
Turbidity (NTU)	5.1	4.9	5.1	5.0	5.3	5.6	5.17	-
SS (mg/L)	6.0	6.0	6.0	6.0	8.0	6.0	6.33	-
Remarks	No dredging work was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	12:32-12:33						Northing	Easting
Water Depth (m)	10.3						22.21.440	113.53.480
Monitoring Depth (m)	1.0		5.2		9.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.7	27.8	27.7	27.7	27.7	27.7	27.69	-
Salinity (ppt)	28.3	28.1	28.3	28.3	23.7	28.4	27.53	-
pH	7.6	7.6	7.6	7.6	7.6	7.6	7.64	
D.O. Saturation (%)	99.0	99.2	96.9	100.0	102.1	100.3	99.58	-
D.O. (mg/L)	7.9	7.9	7.8	8.0	8.4	8.02	8.00	8.21
Turbidity (NTU)	2.8	2.8	6.2	6.5	6.4	6.4	5.18	-
SS (mg/L)	5.0	6.0	6.0	6.0	5.0	6.0	5.67	-
Remarks	No dredging work was observed.							

Station	MPB2							
Time (hh:mm)	11:40-11:41							
Water Depth (m)	8.7							
Monitoring Depth (m)	1.0		4.4		7.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.8	27.8	27.8	27.8	27.8	27.84	-
Salinity (ppt)	26.9	27.3	27.3	27.4	27.1	27.3	27.21	-
pH	7.6	7.6	7.6	7.6	7.6	7.6	7.63	
D.O. Saturation (%)	100.3	99.5	99.5	99.2	100.1	99.6	99.70	-
D.O. (mg/L)	8.1	8.0	8.0	8.0	8.0	8.0	8.00	8.01
Turbidity (NTU)	6.1	6.3	5.8	6.4	6.3	6.3	6.20	-
SS (mg/L)	7.0	7.0	6.0	6.0	7.0	6.0	6.50	-
Remarks	No dredging work was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	12:46-12:47						Northing	Easting
Water Depth (m)	10.4						22.21.013	113.54.223
Monitoring Depth (m)	1.0		5.2		9.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.7	27.7	27.6	27.7	27.71	-
Salinity (ppt)	28.1	28.1	28.4	28.4	28.6	28.4	28.33	-
pH	7.6	7.6	7.6	7.7	7.6	7.6	7.64	
D.O. Saturation (%)	97.9	98.1	99.8	98.2	100.4	99.5	98.98	-
D.O. (mg/L)	7.8	7.8	8.0	7.9	8.0	7.95	7.91	7.99
Turbidity (NTU)	2.6	2.6	4.8	4.6	5.6	5.3	4.25	-
SS (mg/L)	7.0	8.0	6.0	5.0	9.0	9.0	7.33	-
Remarks	No dredging work was observed.							

Station	MP							
Time (hh:mm)	11:58-11:58							
Water Depth (m)	5.4							
Monitoring Depth (m)	1.0		2.7		4.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	28.0	-	-	28.1	28.0	28.04	-
Salinity (ppt)	26.6	26.7	-	-	26.7	26.7	26.67	-
pH	7.6	7.6	-	-	7.6	7.6	7.58	
D.O. Saturation (%)	98.8	99.0	-	-	98.1	98.4	98.58	-
D.O. (mg/L)	7.9	7.9	-	-	7.9	7.9	7.90	7.88
Turbidity (NTU)	3.6	3.7	-	-	4.6	4.6	4.13	-
SS (mg/L)	5.0	5.0	-	-	7.0	7.0	6.00	-
Remarks	No dredging work was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	8.0	8.0	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	8.0	8.0	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	9.5	9.5	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	8.2	8.2	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/27/08
Weather & Ambient Temperature	Cloudy, 29C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	16:33-16:35							
Water Depth (m)	16.2							
Monitoring Depth (m)	1.0		8.1		15.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	28.2	27.9	27.9	27.9	27.9	27.98	-
Salinity (ppt)	26.7	26.7	27.4	27.5	27.7	27.7	27.28	-
pH	7.6	7.6	7.6	7.6	7.6	7.6	7.61	
D.O. Saturation (%)	98.8	98.3	97.6	98.0	98.2	98.1	98.17	-
D.O. (mg/L)	7.9	7.9	7.8	7.8	7.9	7.9	7.85	7.85
Turbidity (NTU)	4.2	4.2	4.5	4.2	4.5	4.4	4.33	-
SS (mg/L)	6.0	6.0	5.0	6.0	5.0	6.0	5.67	-
Remarks	No dredging work was observed.							

Station	C3 (NM6)							
Time (hh:mm)	17:54-17:56							
Water Depth (m)	6.9							
Monitoring Depth (m)	1.0		3.5		5.9			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.8	27.8	27.8	27.7	27.76	-
Salinity (ppt)	27.6	27.4	27.4	27.6	27.4	27.6	27.50	-
pH	7.7	7.6	7.6	7.6	7.6	7.6	7.64	
D.O. Saturation (%)	103.5	104.6	105.5	103.5	103.5	107.2	104.63	-
D.O. (mg/L)	8.3	8.4	8.5	8.3	8.3	8.6	8.40	8.46
Turbidity (NTU)	4.7	4.6	5.0	5.0	5.5	5.6	5.07	-
SS (mg/L)	7.0	6.0	6.0	7.0	8.0	8.0	7.00	-
Remarks	No dredging work was observed.							

Station	MPB1							
Time (hh:mm)	17:23-17:25							
Water Depth (m)	8.2							
Monitoring Depth (m)	1.0		4.1		7.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.0	28.0	28.0	28.0	28.0	27.97	-
Salinity (ppt)	27.1	24.3	27.2	27.1	27.6	27.1	26.75	-
pH	7.6	7.6	7.6	7.6	7.6	7.6	7.61	
D.O. Saturation (%)	100.8	99.3	101.4	99.7	103.5	100.6	100.88	-
D.O. (mg/L)	8.1	8.1	8.1	8.0	8.3	8.1	8.10	8.17
Turbidity (NTU)	6.7	6.8	7.5	7.0	6.8	7.4	7.03	-
SS (mg/L)	5.0	5.0	5.0	4.0	8.0	8.0	5.83	-
Remarks	No dredging work was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	16:56-16:58						Northing	Easting
Water Depth (m)	9.4						22.21.255	113.53.472
Monitoring Depth (m)	1.0		4.7		8.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.7	27.7	27.7	27.7	27.71	-
Salinity (ppt)	28.1	28.1	28.3	28.3	28.4	26.5	27.95	-
pH	7.6	7.6	7.7	7.6	7.7	7.6	7.64	
D.O. Saturation (%)	99.2	98.7	96.6	99.1	98.6	99.1	98.55	-
D.O. (mg/L)	7.9	7.9	7.7	7.9	7.9	8.0	7.89	7.95
Turbidity (NTU)	4.0	4.0	7.5	6.9	7.0	7.4	6.13	-
SS (mg/L)	7.0	7.0	7.0	6.0	6.0	6.0	6.50	-
Remarks	No dredging work was observed.							

Station	MPB2							
Time (hh:mm)	17:33-17:35							
Water Depth (m)	8.7							
Monitoring Depth (m)	1.0		4.4		7.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.8	27.8	27.8	27.8	27.84	-
Salinity (ppt)	27.3	27.3	27.2	27.3	27.3	27.3	27.28	-
pH	7.6	7.6	7.6	7.6	7.6	7.6	7.63	
D.O. Saturation (%)	99.9	100.4	100.9	99.7	100.3	101.7	100.48	-
D.O. (mg/L)	8.0	8.1	8.1	8.0	8.0	8.2	8.06	8.10
Turbidity (NTU)	5.9	5.8	6.2	6.5	6.2	6.3	6.15	-
SS (mg/L)	6.0	6.0	6.0	8.0	5.0	5.0	6.00	-
Remarks	No dredging work was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	16:45-16:47						Northing	Easting
Water Depth (m)	10.5						22.21.022	113.54.201
Monitoring Depth (m)	1.0		5.3		9.5			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.8	27.7	27.7	27.7	27.7	27.70	-
Salinity (ppt)	28.1	28.2	27.3	28.4	28.4	28.4	28.13	-
pH	7.7	7.7	7.6	7.7	7.7	7.6	7.65	
D.O. Saturation (%)	99.8	98.9	98.0	98.5	99.2	99.0	98.90	-
D.O. (mg/L)	8.0	7.9	7.9	7.9	7.9	7.9	7.91	7.92
Turbidity (NTU)	4.0	3.8	3.7	4.0	4.0	3.9	3.90	-
SS (mg/L)	7.0	5.0	4.0	4.0	5.0	6.0	5.17	-
Remarks	No dredging work was observed.							

Station	MP							
Time (hh:mm)	17:13-17:15							
Water Depth (m)	5.7							
Monitoring Depth (m)	1.0		2.9		4.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	28.1	-	-	28.1	28.1	28.08	-
Salinity (ppt)	26.7	26.6	-	-	26.7	27.0	26.75	-
pH	7.6	7.6	-	-	7.6	7.5	7.56	
D.O. Saturation (%)	102.0	99.9	-	-	99.0	103.8	101.18	-
D.O. (mg/L)	8.2	8.0	-	-	7.9	8.3	8.11	8.12
Turbidity (NTU)	3.0	3.0	-	-	3.4	3.2	3.15	-
SS (mg/L)	8.0	8.0	-	-	4.0	5.0	6.25	-
Remarks	No dredging work was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	8.2	8.2	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	8.1	8.1	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	6.1	6.1	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	8.2	8.2	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/28/2008
Weather & Ambient Temperature	Sunny, 28C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	13:54-13:56							
Water Depth (m)	19.2							
Monitoring Depth (m)	1.0		9.6		18.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.2	27.2	27.1	27.0	26.8	26.8	27.00	-
Salinity (ppt)	27.9	28.0	28.6	28.5	30.3	30.5	28.97	-
pH	7.3	7.3	7.3	7.3	7.1	7.3	7.25	
D.O. Saturation (%)	81.8	83.2	77.8	75.2	69.9	72.6	76.75	-
D.O. (mg/L)	5.5	5.5	5.2	5.0	4.7	4.8	5.11	4.75
Turbidity (NTU)	5.8	5.9	6.0	5.8	7.9	7.9	6.55	-
SS (mg/L)	6.0	6.0	6.0	7.0	7.0	8.0	6.67	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	13:27-13:29							
Water Depth (m)	8.6							
Monitoring Depth (m)	1.0		4.3		7.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.2	27.3	27.0	27.0	27.0	27.0	27.07	-
Salinity (ppt)	20.4	20.1	25.8	25.9	27.8	27.5	24.57	-
pH	7.4	7.4	7.4	7.4	7.4	7.4	7.39	
D.O. Saturation (%)	80.7	81.5	78.7	78.4	79.3	78.3	79.48	-
D.O. (mg/L)	5.7	5.7	5.4	5.4	5.4	5.3	5.46	5.33
Turbidity (NTU)	7.6	7.5	8.3	8.1	8.8	8.9	8.20	-
SS (mg/L)	11.0	11.0	8.0	7.0	9.0	9.0	9.17	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	13:00-13:03						Northing	Easting
Water Depth (m)	7.8						22.21.225	113.53.667
Monitoring Depth (m)	1.0		3.9		6.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.1	27.1	27.0	27.0	27.2	27.1	27.09	-
Salinity (ppt)	23.3	22.7	28.4	28.5	29.5	29.5	26.99	-
pH	7.4	7.4	7.4	7.4	7.4	7.3	7.36	
D.O. Saturation (%)	82.1	82.0	80.1	80.0	79.1	79.6	80.48	-
D.O. (mg/L)	5.7	5.7	5.4	5.4	5.3	5.33	5.46	5.32
Turbidity (NTU)	7.3	7.2	7.8	7.6	9.4	9.3	8.10	-
SS (mg/L)	6.0	7.0	7.0	8.0	7.0	7.0	7.00	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	13:16-13:18							
Water Depth (m)	9.2							
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.4	27.2	27.1	27.3	27.3	27.2	27.25	-
Salinity (ppt)	19.6	19.7	26.7	25.6	27.2	27.4	24.39	-
pH	7.2	7.3	7.4	7.3	7.3	7.3	7.31	
D.O. Saturation (%)	80.7	81.5	80.2	79.8	80.7	81.1	80.67	-
D.O. (mg/L)	5.7	5.7	5.4	5.5	5.5	5.5	5.54	5.47
Turbidity (NTU)	7.4	7.5	6.9	6.7	6.7	6.8	7.00	-
SS (mg/L)	9.0	8.0	12.0	10.0	12.0	13.0	10.67	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	12:49-12:52						Northing	Easting
Water Depth (m)	8.0						22.21.106	113.54.516
Monitoring Depth (m)	1.0		4.0		7.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.0	27.0	26.9	27.0	26.8	26.8	26.93	-
Salinity (ppt)	25.6	24.1	28.6	28.4	31.0	31.1	28.12	-
pH	7.5	7.5	7.5	7.5	7.5	7.5	7.47	
D.O. Saturation (%)	80.4	81.1	76.4	77.9	76.2	77.4	78.23	-
D.O. (mg/L)	5.5	5.6	5.2	5.3	5.1	5.15	5.29	5.11
Turbidity (NTU)	7.8	7.6	8.1	8.2	10.5	10.5	8.78	-
SS (mg/L)	7.0	7.0	9.0	7.0	8.0	7.0	7.50	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	13:37-13:38							
Water Depth (m)	5.8							
Monitoring Depth (m)	1.0		2.9		4.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.2	27.2	-	-	27.0	27.0	27.12	-
Salinity (ppt)	20.2	20.4	-	-	26.2	26.5	23.34	-
pH	7.2	7.2	-	-	7.2	7.2	7.19	
D.O. Saturation (%)	80.4	81.2	-	-	81.2	79.4	80.55	-
D.O. (mg/L)	5.6	5.7	-	-	5.5	5.4	5.56	5.46
Turbidity (NTU)	9.1	8.9	-	-	7.9	8.0	8.48	-
SS (mg/L)	9.0	8.0	-	-	7.0	8.0	8.00	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	4.8	4.8	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.1	5.1	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	8.5	8.5	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	8.7	8.7	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/28/2008
Weather & Ambient Temperature	Sunny, 28C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	17:23-17:26							
Water Depth (m)	16.0							
Monitoring Depth (m)	1.0		8.0		15.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.2	27.2	27.1	27.1	27.1	26.9	27.10	-
Salinity (ppt)	27.0	26.5	29.3	29.5	30.7	30.7	28.96	-
pH	7.4	7.4	7.4	7.4	7.3	7.3	7.35	
D.O. Saturation (%)	86.1	85.4	81.4	82.1	81.5	81.3	82.97	-
D.O. (mg/L)	5.8	5.8	5.4	5.5	5.4	5.4	5.57	5.43
Turbidity (NTU)	6.8	6.5	6.4	6.4	10.1	10.5	7.78	-
SS (mg/L)	10.0	10.0	9.0	9.0	8.0	10.0	9.33	-
Remarks	No dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	16:16-16:17							
Water Depth (m)	7.0							
Monitoring Depth (m)	1.0		3.5		6.0			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.2	27.2	27.0	27.0	27.1	27.1	27.11	-
Salinity (ppt)	21.4	21.6	26.3	26.7	28.2	28.3	25.41	-
pH	7.2	7.3	7.3	7.3	7.3	7.3	7.27	
D.O. Saturation (%)	82.1	82.6	80.3	80.6	81.1	80.9	81.27	-
D.O. (mg/L)	5.7	5.8	5.5	5.5	5.5	5.4	5.55	5.45
Turbidity (NTU)	7.4	7.2	7.2	7.3	7.7	7.5	7.38	-
SS (mg/L)	9.0	10.0	9.0	8.0	8.0	9.0	8.83	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	16:41-16:42						Northing	Easting
Water Depth (m)	7.4						22.21.234	113.53.653
Monitoring Depth (m)	1.0		3.7		6.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.9	27.2	27.1	27.1	27.2	27.2	27.28	-
Salinity (ppt)	23.7	22.4	28.5	28.5	29.9	29.4	27.07	-
pH	7.5	7.4	7.4	7.4	7.4	7.4	7.44	
D.O. Saturation (%)	83.3	82.1	79.3	79.3	78.4	78.9	80.22	-
D.O. (mg/L)	5.7	5.7	5.3	5.3	5.2	5.3	5.43	5.26
Turbidity (NTU)	7.6	7.1	7.8	7.5	9.1	9.3	8.07	-
SS (mg/L)	10.0	9.0	10.0	9.0	8.0	8.0	9.00	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	16:29-16:32						Northing	Easting
Water Depth (m)	7.6						22.21.114	113.54.508
Monitoring Depth (m)	1.0		3.8		6.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.0	27.1	26.9	27.0	26.9	26.9	26.98	-
Salinity (ppt)	23.8	24.7	28.6	28.4	29.3	31.1	27.66	-
pH	7.4	7.5	7.4	7.4	7.3	7.4	7.40	
D.O. Saturation (%)	80.6	80.6	77.5	77.8	78.1	77.5	78.68	-
D.O. (mg/L)	5.6	5.6	5.2	5.3	5.3	5.2	5.34	5.20
Turbidity (NTU)	7.7	7.5	8.2	7.9	10.7	10.9	8.82	-
SS (mg/L)	11.0	9.0	11.0	10.0	8.0	9.0	9.67	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	17:00-17:02							
Water Depth (m)	8.4							
Monitoring Depth (m)	1.0		4.2		7.4			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.1	27.2	27.1	27.1	27.18	-
Salinity (ppt)	19.8	20.9	26.3	26.1	28.7	28.4	25.03	-
pH	7.4	7.4	7.4	7.4	7.4	7.4	7.39	
D.O. Saturation (%)	80.7	80.0	78.5	79.0	79.3	79.0	79.42	-
D.O. (mg/L)	5.7	5.6	5.3	5.4	5.3	5.3	5.44	5.32
Turbidity (NTU)	7.5	7.4	8.0	7.8	8.5	8.5	7.95	-
SS (mg/L)	7.0	8.0	9.0	9.0	7.0	8.0	8.00	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	17:09-17:11							
Water Depth (m)	8.8							
Monitoring Depth (m)	1.0		4.4		7.8			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.3	27.3	27.1	27.1	27.2	27.2	27.22	-
Salinity (ppt)	20.4	19.7	26.4	26.0	27.4	27.3	24.55	-
pH	7.4	7.4	7.4	7.4	7.4	7.4	7.38	
D.O. Saturation (%)	81.1	81.0	79.3	79.9	81.2	79.8	80.38	-
D.O. (mg/L)	5.7	5.7	5.4	5.4	5.5	5.4	5.51	5.44
Turbidity (NTU)	7.8	7.8	7.9	7.7	8.8	8.6	8.10	-
SS (mg/L)	8.0	8.0	8.0	10.0	12.0	10.0	9.33	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	16:51-16:52							
Water Depth (m)	5.6							
Monitoring Depth (m)	1.0		2.8		4.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.2	27.2	-	-	27.1	27.1	27.14	-
Salinity (ppt)	21.4	21.2	-	-	26.5	26.6	23.92	-
pH	7.1	7.2	-	-	7.2	7.1	7.13	
D.O. Saturation (%)	80.5	80.2	-	-	79.3	79.3	79.83	-
D.O. (mg/L)	5.6	5.6	-	-	5.4	5.4	5.50	5.39
Turbidity (NTU)	7.8	7.6	-	-	7.4	7.2	7.50	-
SS (mg/L)	8.0	9.0	-	-	7.0	8.0	8.00	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	5.4	5.4	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	5.6	5.6	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	9.9	9.9	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	11.8	11.8	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/29/08
Weather & Ambient Temperature	Sunny, 29C

Mid-Ebb

Station	C2 (NM5)							
Time (hh:mm)	13:19-13:20							
Water Depth (m)	20.2							
Monitoring Depth (m)	1.0		10.1		19.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	28.2	27.5	27.6	27.2	27.4	27.69	-
Salinity (ppt)	27.3	27.2	28.1	28.1	28.9	28.6	28.04	-
pH	7.7	7.7	7.8	7.8	7.8	7.8	7.76	
D.O. Saturation (%)	87.4	87.8	86.4	86.8	86.1	83.9	86.40	-
D.O. (mg/L)	8.0	7.9	7.9	7.9	7.9	7.7	7.89	7.82
Turbidity (NTU)	7.7	7.7	7.0	7.2	7.2	7.3	7.35	-
SS (mg/L)	7.0	9.0	6.0	7.0	7.0	6.0	7.00	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	13:00-13:02							
Water Depth (m)	8.6							
Monitoring Depth (m)	1.0		4.3		7.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.6	28.7	28.1	28.2	27.6	27.5	28.12	-
Salinity (ppt)	27.0	26.8	27.7	27.6	28.9	29.0	27.84	-
pH	7.7	7.7	7.7	7.7	7.8	7.8	7.73	
D.O. Saturation (%)	76.2	85.3	94.8	81.0	88.4	88.1	85.63	-
D.O. (mg/L)	7.1	7.8	8.7	7.5	8.1	8.1	7.87	8.08
Turbidity (NTU)	7.8	7.5	8.6	8.4	7.7	8.0	8.00	-
SS (mg/L)	9.0	7.0	7.0	7.0	7.0	8.0	7.50	-
Remarks								

Station	IMO1						Co-ordinates	
Time (hh:mm)	13:31-13:33						Northing	Easting
Water Depth (m)	9.6						22.21.278	113.53.490
Monitoring Depth (m)	1.0		4.8		8.6			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.6	28.2	27.7	27.7	27.5	27.5	27.84	-
Salinity (ppt)	27.0	27.4	28.1	28.3	28.7	28.6	28.01	-
pH	7.8	7.7	7.7	7.8	7.8	7.7	7.75	
D.O. Saturation (%)	97.2	99.0	99.4	97.4	97.6	100.5	98.52	-
D.O. (mg/L)	7.9	8.0	8.1	8.0	8.0	8.21	8.02	8.09
Turbidity (NTU)	6.6	6.2	6.8	7.0	6.7	6.9	6.70	-
SS (mg/L)	7.0	7.0	6.0	7.0	8.0	8.0	7.17	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	12:51-12:53							
Water Depth (m)	9.1							
Monitoring Depth (m)	1.0		4.6		8.1			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.7	28.7	28.0	27.9	27.8	27.8	28.17	-
Salinity (ppt)	27.0	27.1	27.9	28.0	28.4	28.4	27.79	-
pH	7.7	7.7	7.7	7.7	7.7	7.7	7.70	
D.O. Saturation (%)	76.6	79.1	91.7	88.4	86.8	88.7	85.22	-
D.O. (mg/L)	7.2	7.4	8.4	8.2	8.0	8.2	7.89	8.09
Turbidity (NTU)	6.5	6.5	8.4	8.3	8.1	8.8	7.77	-
SS (mg/L)	6.0	6.0	8.0	6.0	7.0	6.0	6.50	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	13:40-13:43						Northing	Easting
Water Depth (m)	8.9						22.21.019	113.54.209
Monitoring Depth (m)	1.0		4.5		7.9			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.2	28.1	27.7	27.8	27.4	27.4	27.77	-
Salinity (ppt)	27.6	27.7	28.2	28.1	28.8	28.9	28.22	-
pH	7.8	7.8	7.8	7.8	7.8	7.8	7.77	
D.O. Saturation (%)	93.7	95.3	92.6	94.1	93.6	94.8	94.02	-
D.O. (mg/L)	7.6	7.8	7.6	7.7	7.7	7.76	7.67	7.71
Turbidity (NTU)	7.4	7.8	6.7	7.3	7.1	7.7	7.33	-
SS (mg/L)	6.0	6.0	5.0	6.0	8.0	8.0	6.50	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	13:09-13:10							
Water Depth (m)	5.7							
Monitoring Depth (m)	1.0		2.9		4.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.2	29.0	-	-	27.5	27.5	28.05	-
Salinity (ppt)	27.3	26.7	-	-	28.2	28.4	27.67	-
pH	7.7	7.7	-	-	7.8	7.8	7.74	
D.O. Saturation (%)	94.0	93.2	-	-	81.3	85.0	88.38	-
D.O. (mg/L)	8.6	8.5	-	-	7.5	7.8	8.12	7.69
Turbidity (NTU)	7.4	7.3	-	-	7.6	7.8	7.53	-
SS (mg/L)	6.0	6.0	-	-	7.0	7.0	6.50	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		C2*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	7.8	7.8	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	7.9	7.9	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	9.6	9.6	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	9.1	9.1	N	N	N	N	N	N	N	N	N	N

Sampling Date	10/29/08
Weather & Ambient Temperature	Fine, 29C

Mid-Flood

Station	C1 (NM3)							
Time (hh:mm)	17:36-17:37							
Water Depth (m)	16.1							
Monitoring Depth (m)	1.0		8.1		15.1			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	27.8	27.7	27.6	27.6	27.5	27.6	27.63	-
Salinity (ppt)	28.1	25.7	28.3	28.3	25.7	28.3	27.40	-
pH	7.8	7.8	7.8	7.8	7.8	7.8	7.78	
D.O. Saturation (%)	89.0	86.0	87.8	85.7	90.6	89.0	88.02	-
D.O. (mg/L)	8.0	7.8	8.0	7.8	8.3	8.1	8.01	8.19
Turbidity (NTU)	7.9	7.8	7.8	7.9	7.3	8.1	7.80	-
SS (mg/L)	8.0	7.0	6.0	7.0	7.0	7.0	7.00	-
Remarks	No dredging works was observed.							

Station	C3 (NM6)							
Time (hh:mm)	18:42-18:44							
Water Depth (m)	6.9							
Monitoring Depth (m)	1.0		3.5		5.9			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.5	28.3	28.0	28.1	27.7	27.5	27.99	-
Salinity (ppt)	26.7	27.1	28.2	27.9	28.9	29.1	27.98	-
pH	7.8	7.8	7.8	7.8	7.9	7.9	7.84	
D.O. Saturation (%)	81.8	87.5	86.8	91.9	82.0	87.4	86.23	-
D.O. (mg/L)	7.6	8.1	8.0	8.5	7.6	8.1	7.98	7.86
Turbidity (NTU)	7.1	6.8	7.8	7.4	9.3	8.9	7.88	-
SS (mg/L)	7.0	6.0	6.0	6.0	6.0	7.0	6.33	-
Remarks	No dredging works was observed.							

Station	MPB1							
Time (hh:mm)	18:11-18:13							
Water Depth (m)	8.3							
Monitoring Depth (m)	1.0		4.2		7.3			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.0	28.0	28.0	27.8	27.9	27.9	27.94	-
Salinity (ppt)	27.1	27.0	27.5	27.9	27.5	27.5	27.41	-
pH	7.8	7.8	7.8	7.8	7.8	7.8	7.77	
D.O. Saturation (%)	82.7	85.9	91.3	85.0	96.1	84.4	87.57	-
D.O. (mg/L)	7.6	7.8	8.4	7.9	8.7	7.8	8.03	8.27
Turbidity (NTU)	8.7	8.7	10.0	10.1	10.2	10.4	9.68	-
SS (mg/L)	7.0	6.0	6.0	5.0	9.0	9.0	7.00	-
Remarks	No dredging works was observed.							

Station	IMO1						Co-ordinates	
Time (hh:mm)	17:52-17:54						Northing	Easting
Water Depth (m)	9.9						22.21.268	113.53.456
Monitoring Depth (m)	1.0		5.0		8.9			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.1	28.0	27.8	27.8	27.7	27.7	27.84	-
Salinity (ppt)	27.6	27.7	28.0	28.0	28.1	28.1	27.94	-
pH	7.8	7.8	7.8	7.8	7.8	7.8	7.81	
D.O. Saturation (%)	82.3	85.1	87.8	82.3	83.8	87.1	84.73	-
D.O. (mg/L)	7.6	8.0	8.1	7.6	7.7	8.0	7.84	7.86
Turbidity (NTU)	6.8	6.9	9.6	9.8	10.3	10.0	8.90	-
SS (mg/L)	5.0	6.0	8.0	6.0	9.0	7.0	6.83	-
Remarks	No dredging works was observed.							

Station	MPB2							
Time (hh:mm)	18:19-18:21							
Water Depth (m)	8.7							
Monitoring Depth (m)	1.0		4.4		7.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.9	28.5	28.1	28.3	27.9	27.9	28.26	-
Salinity (ppt)	26.5	26.6	27.1	26.8	27.7	27.8	27.06	-
pH	7.8	7.8	7.8	7.8	7.8	7.8	7.77	
D.O. Saturation (%)	75.1	89.1	80.4	80.5	93.3	84.8	83.87	-
D.O. (mg/L)	7.1	8.2	7.5	7.5	8.5	7.9	7.77	8.20
Turbidity (NTU)	7.5	7.6	7.5	6.6	8.5	9.0	7.78	-
SS (mg/L)	7.0	9.0	6.0	6.0	6.0	8.0	7.00	-
Remarks	No dredging works was observed.							

Station	IMO2						Co-ordinates	
Time (hh:mm)	17:45-17:47						Northing	Easting
Water Depth (m)	9.2						22.21.034	113.54.303
Monitoring Depth (m)	1.0		4.6		8.2			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.2	28.2	27.7	27.8	27.6	27.7	27.87	-
Salinity (ppt)	27.5	27.5	28.0	7.8	28.2	28.1	27.89	-
pH	7.8	7.8	7.8	7.8	7.8	7.8	7.79	
D.O. Saturation (%)	89.6	87.9	85.2	83.8	86.5	83.9	86.15	-
D.O. (mg/L)	8.0	7.9	8.0	7.7	7.9	7.7	7.89	7.83
Turbidity (NTU)	6.7	6.5	8.4	9.0	9.6	9.4	8.27	-
SS (mg/L)	9.0	7.0	7.0	7.0	8.0	7.0	7.50	-
Remarks	No dredging works was observed.							

Station	MP							
Time (hh:mm)	18:01-18:02							
Water Depth (m)	5.7							
Monitoring Depth (m)	1.0		2.9		4.7			
Trial	Trial 1	Trial 2	Trial 1	Trial 2	Trial 1	Trial 2	*Depth-averaged*	*Bottom*
Water Temperature (°C)	28.2	28.4	-	-	28.1	28.1	28.19	-
Salinity (ppt)	27.7	27.6	-	-	27.7	27.7	27.65	-
pH	7.8	7.8	-	-	7.8	7.8	7.79	
D.O. Saturation (%)	88.2	87.3	-	-	80.7	93.4	87.40	-
D.O. (mg/L)	8.1	8.0	-	-	7.5	8.5	8.02	7.98
Turbidity (NTU)	7.2	7.3	-	-	7.2	7.4	7.28	-
SS (mg/L)	10.0	11.0	-	-	7.0	5.0	8.25	-
Remarks	No dredging works was observed.							

Compliance with Action and Limit Level

Parameter	As in EM&A		Mean(C1+C3)*130%		IMO1		IMO2		MPB1		MPB2		MP	
	Action Level	Limit Level	Action Level	Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action Level	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level	Exceedance of Action	Exceedance of Limit Level
DO (Bottom)	3.3	2.5	8.0	8.0	N	N	N	N	N	N	N	N	N	N
DO (Depth-averaged)	4.2	4.0	8.0	8.0	N	N	N	N	N	N	N	N	N	N
Turbidity (Depth-averaged)	29.0	49.0	10.2	10.2	N	N	N	N	N	N	N	N	N	N
SS (Depth-averaged)	24.0	37.0	8.7	8.7	N	N	N	N	N	N	N	N	N	N

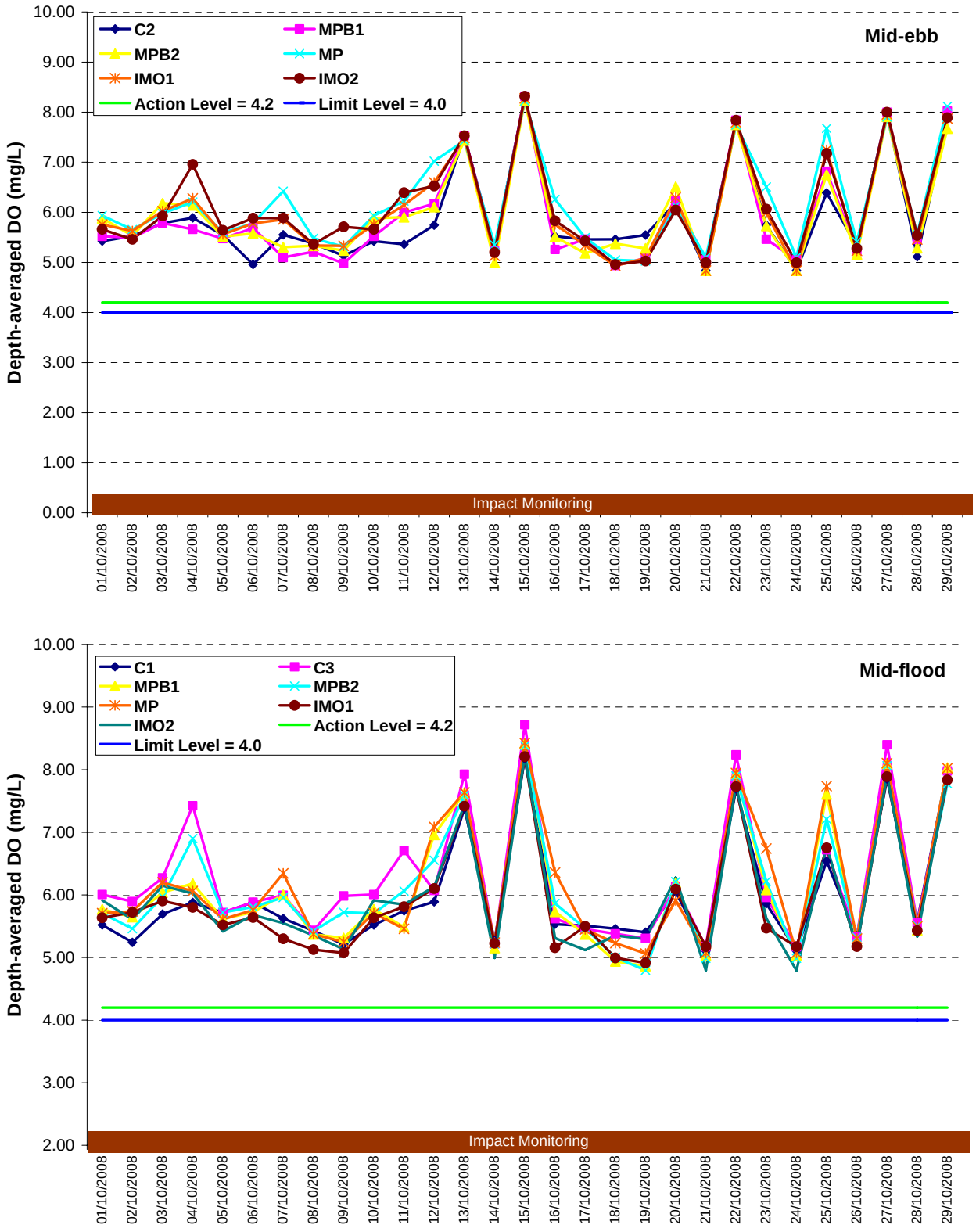

Figure G1 Dissolved oxygen concentration (depth-averaged) (mg/L) of water samples from the eight sampling locations at mid-ebb and mid-flood between 1 Oct to 29 Oct 08. No monitoring was conducted on 30 Oct and 31 Oct since no dredging operation was undertaken.

ERM

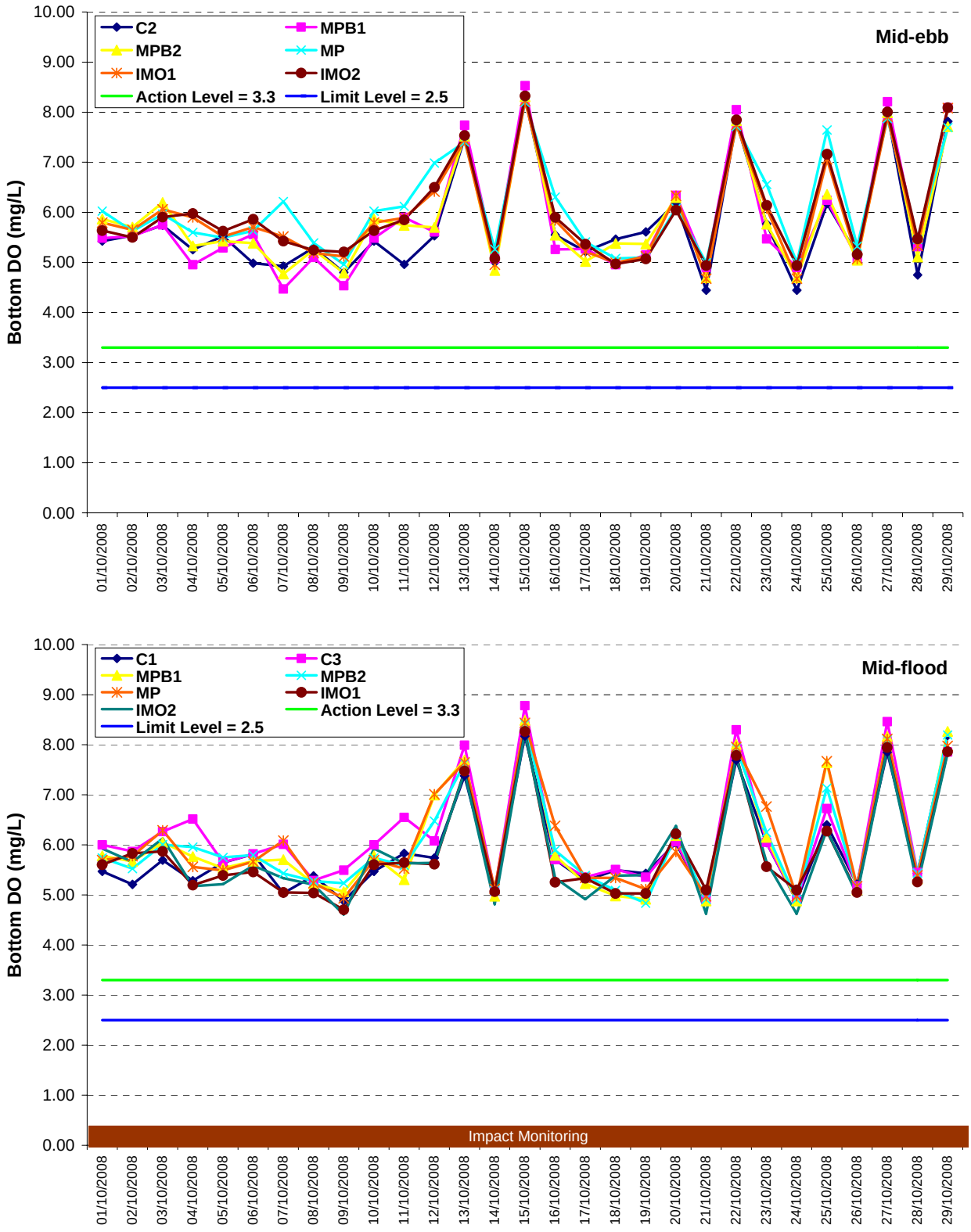

Figure G2 Dissolved oxygen concentration (bottom) (mg/L) of water samples from the eight sampling locations at mid-ebb and mid-flood between 1 Oct to 29 Oct 08. No monitoring was conducted on 30 Oct and 31 Oct since no dredging operation was undertaken.

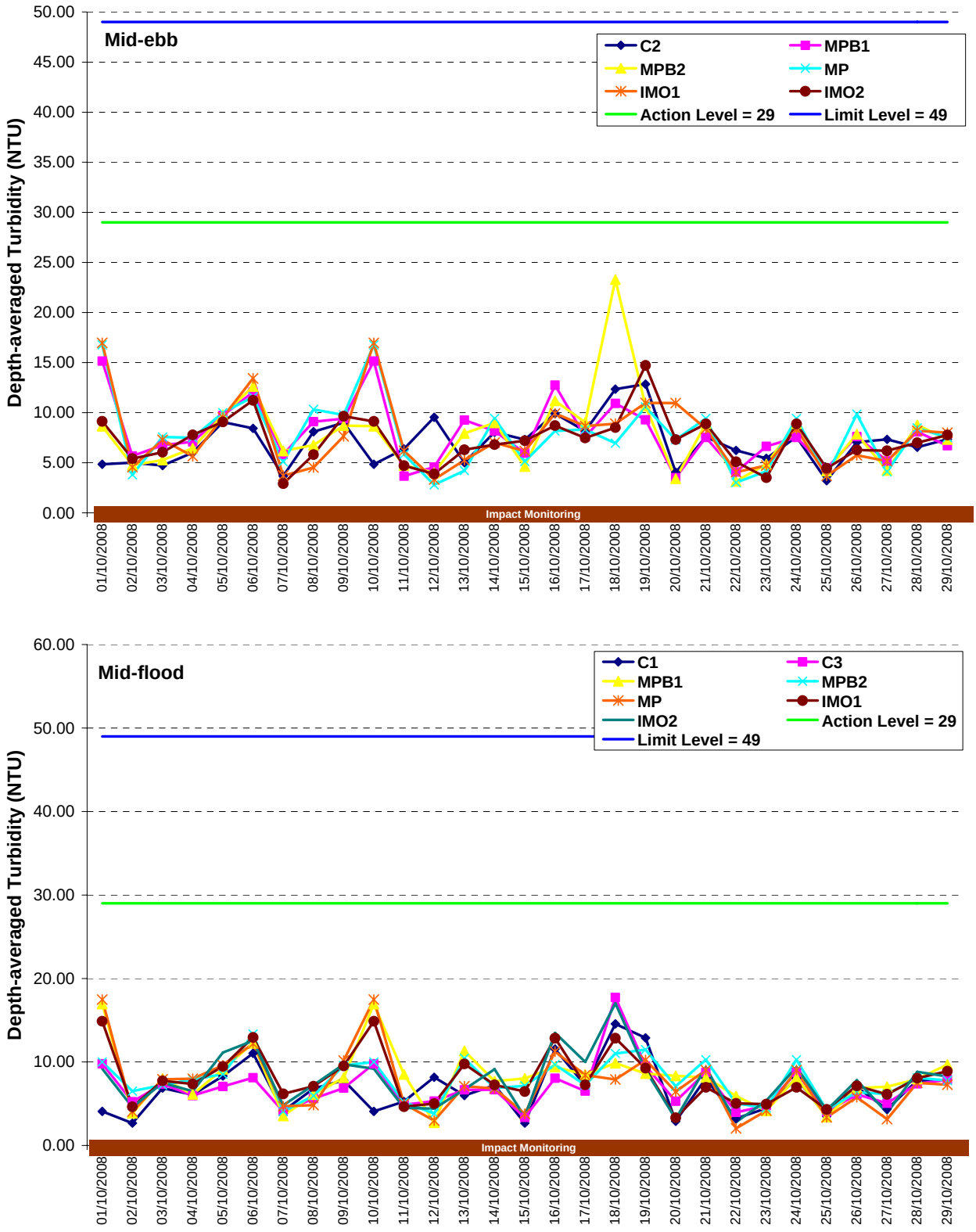

Figure G3 Depth-averaged turbidity (NTU) of water samples from the eight sampling locations at mid-ebb and mid-flood between 1 Oct to 29 Oct 08. No monitoring was conducted on 30 Oct and 31 Oct since no dredging operation was undertaken.

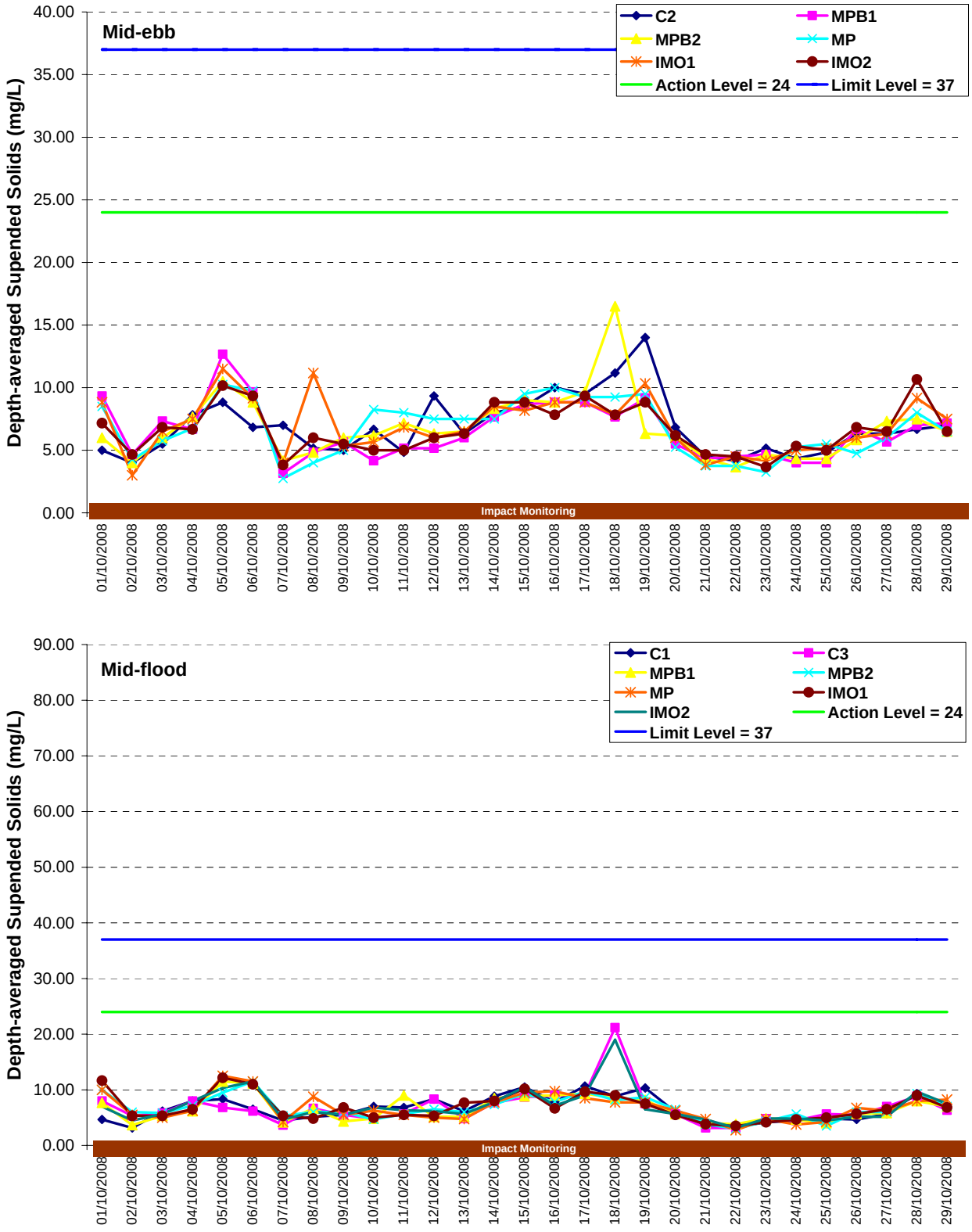

Figure G4 Depth-averaged suspended solids concentration (mg/L) of water samples from the eight sampling locations at mid-ebb and mid-flood between 1 Oct to 29 Oct 08. No monitoring was conducted on 30 Oct and 31 Oct since no dredging operation was undertaken.