# Proposed Comprehensive Development at Wo Shang Wai Yuen Long Monthly EM&A Report for May 2016

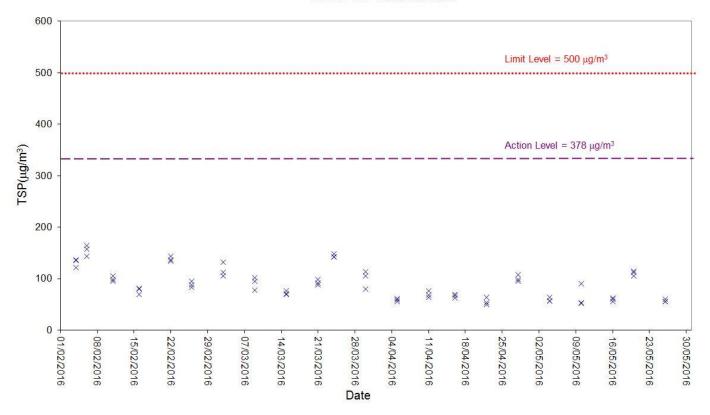


# Appendix F. Graphical Plots of the Monitoring Results

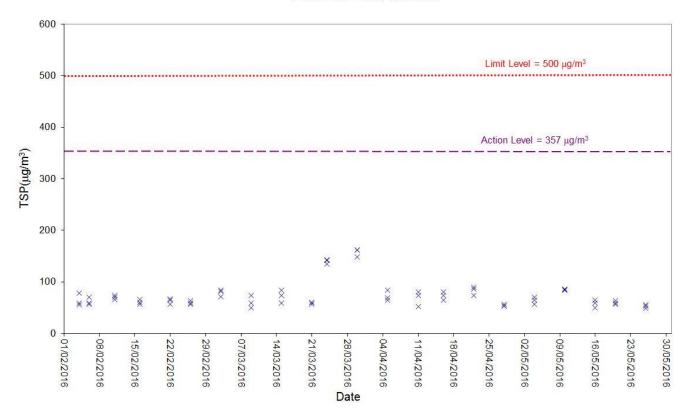
# Proposed Comprehensive Development at Wo Shang Wai Yuen Long Monthly EM&A Report for May 2016



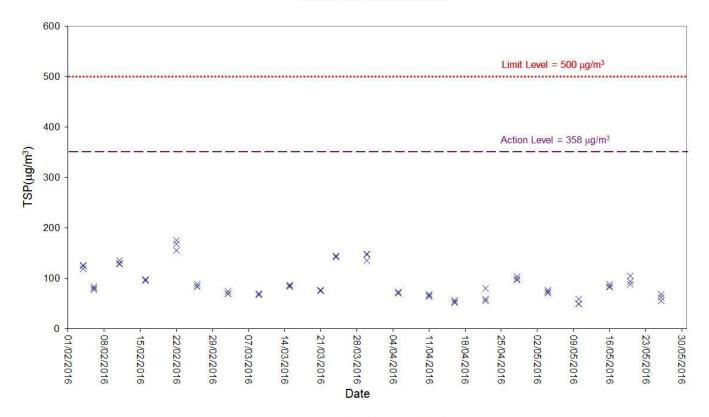
### 1-hour TSP Level at ASR1



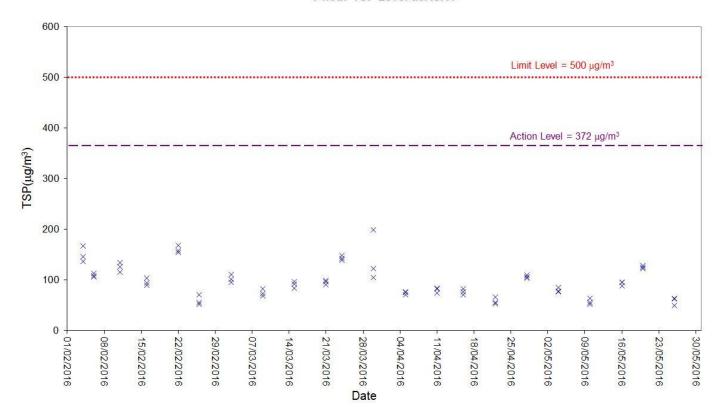
# 1-hour TSP Level at ASR2A



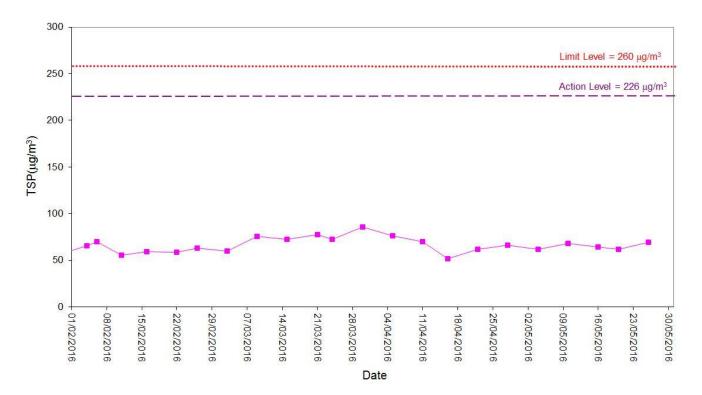
## 1-hour TSP Level at ASR3



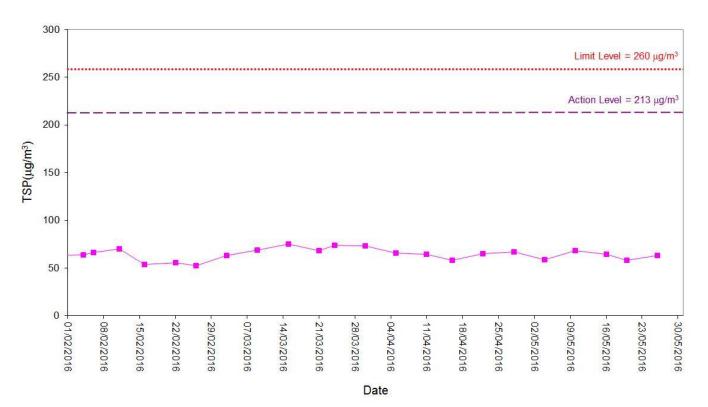
## 1-hour TSP Level at ASR4



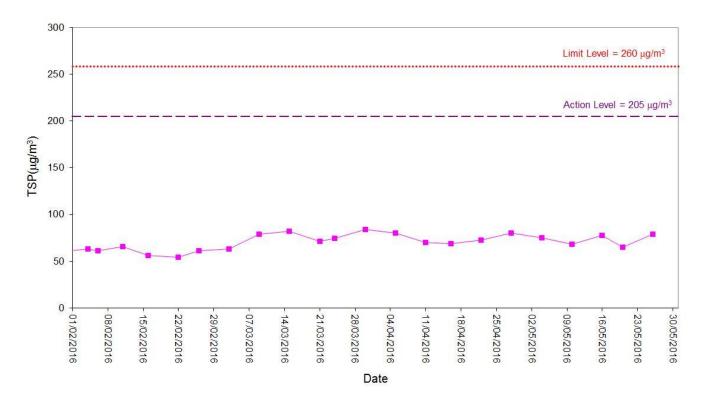
### 24-hour TSP Level at ASR1



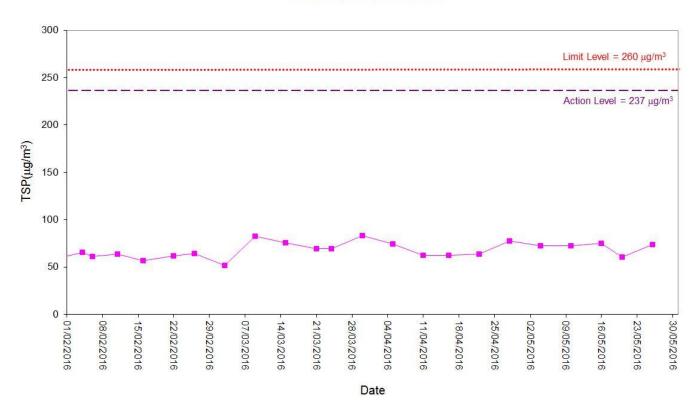
# 24-hour TSP Level at ASR2A



### 24-hour TSP Level at ASR3



## 24-hour TSP Level at ASR4

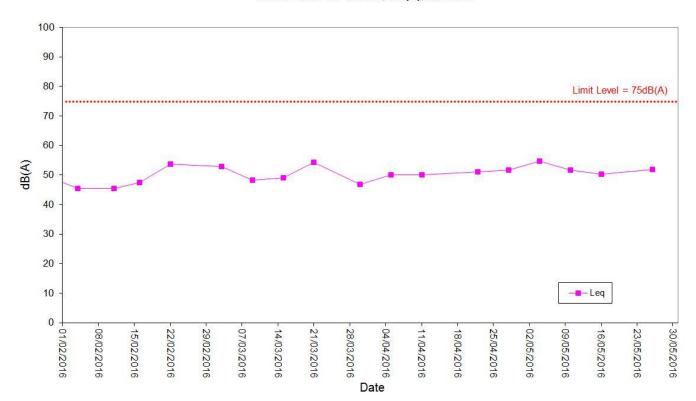


**Noise** 

# Noise Level for 30 min, dB(A), at NSR1

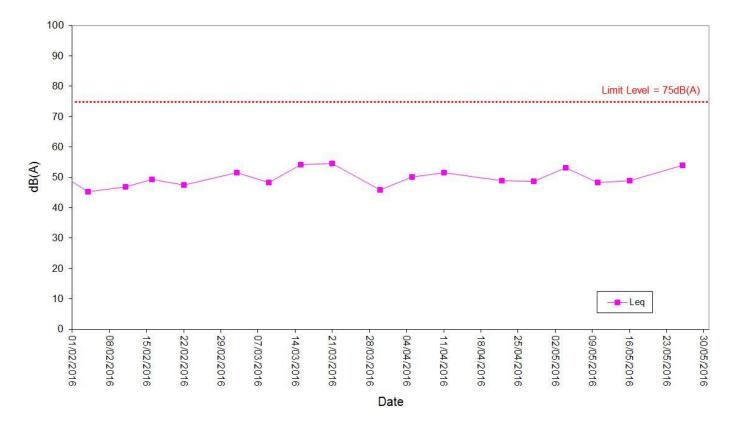


# Noise Level for 30 min, dB(A), at NSR3

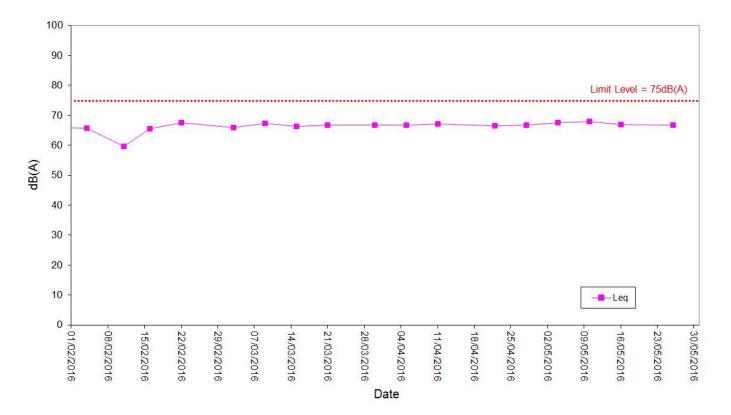


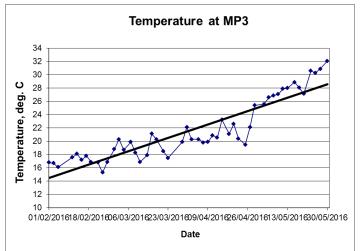
**Noise** 

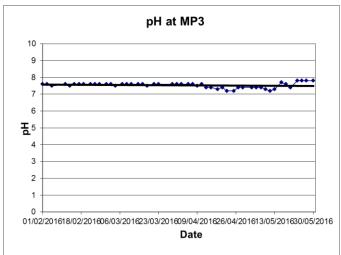
# Noise Level for 30 min, dB(A), at NSR5

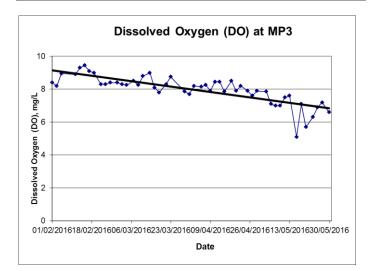


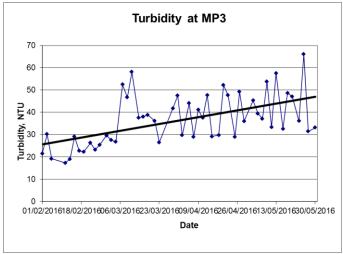
# Noise Level for 30 min, dB(A), at NSR7

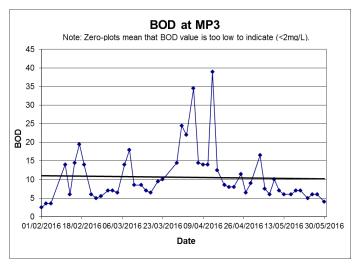


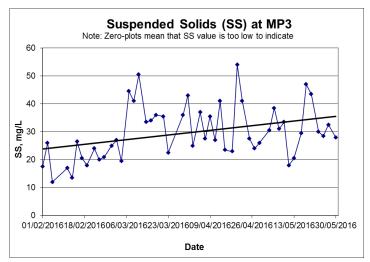


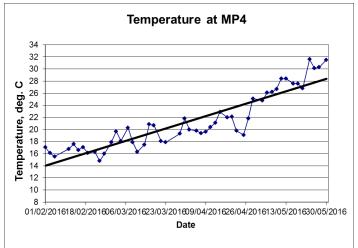


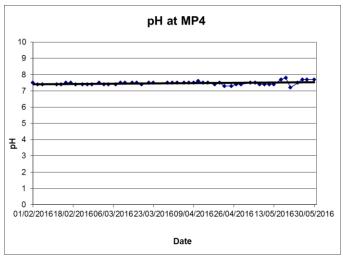


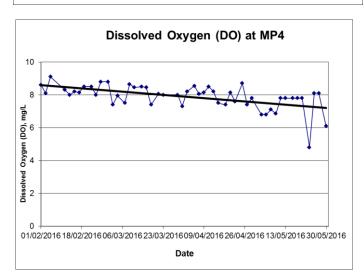


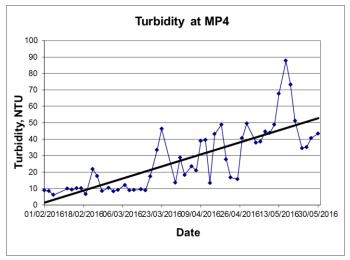


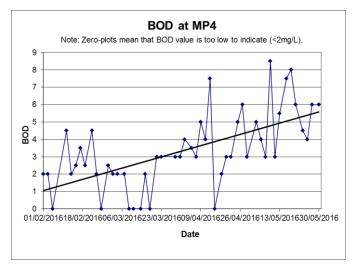


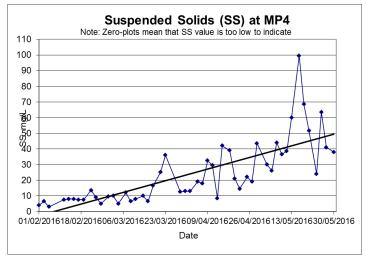


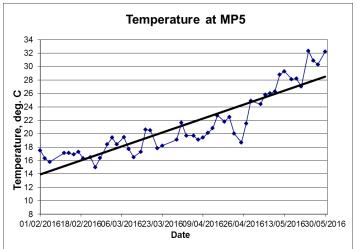


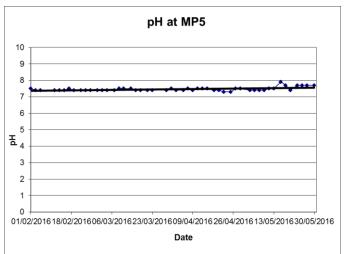


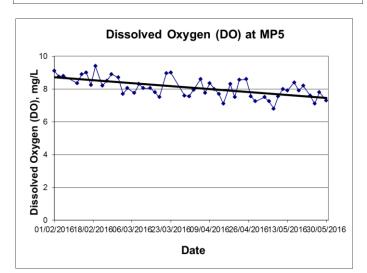


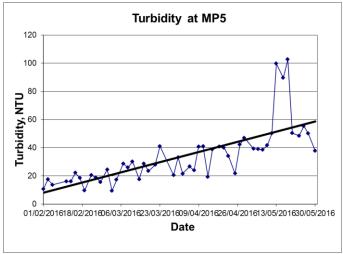


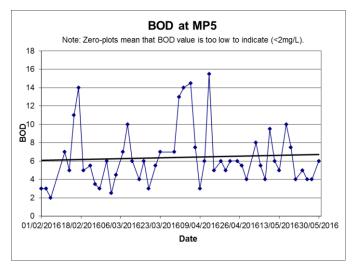


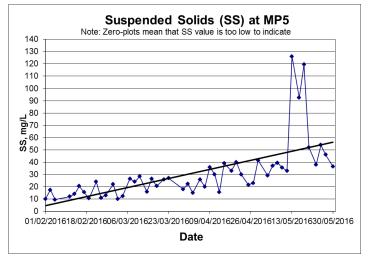


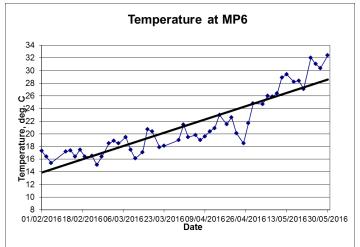


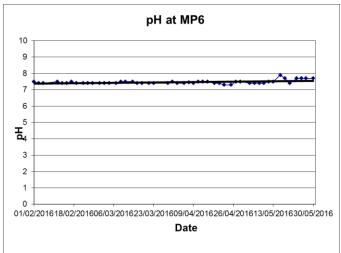


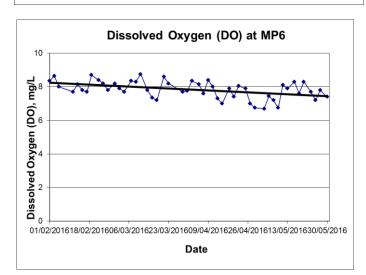


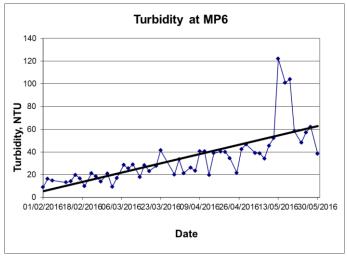


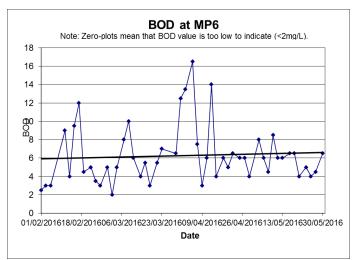


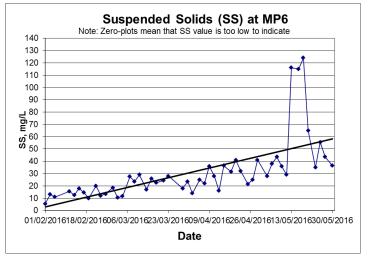












# **ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

## **CERTIFICATE OF ANALYSIS**

 ENOVATIVE ENVIRONMENTAL SERVICE LTD Client

: MR THOMAS WONG

Contact

Laboratory

: ALS Technichem (HK) Pty Ltd : Fung Lim Chee, Richard

Yip Street, Kwai Chung, N.T., Hong Kong

Page : 1 of 3

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N.T. HONG KONG

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: Richard.Fung@alsglobal.com E-mail

Telephone

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Facsimile

Contact

Address

E-mail Telephone

Facsimile +852 2610 2021

Project : PROPOSED COMPREHENSIVE DEVELOPMENT

: HK/1653/2014 Quote number

Date received

: 03-MAY-2016

AT WO SHANG WAI YUEN LONG

Date of issue

: 12-MAY-2016

Order number C-O-C number

: ----

No. of samples

Received

Site

: ----

Analysed

8

8

# **Report Comments**

This report for ALS Technichem (HK) Pty Ltd work order reference HK1617155 supersedes any previous reports with this reference. The completion date of analysis is 09-MAY-2016. 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 HK1617155:

Sample(s) were received in a chilled condition.

Water sample(s) analysed and reported on an as received basis.

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory Position Authorised results for:

Fung Lim Chee, Richard **General Manager** Inorganics

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1617155



Sub-Matrix: WATER		Compound	EA025: Suspended Solids (SS)	EP030: Biochemical Oxygen Demand		
		LOR Unit	2 mg/L	2 mg/L		
Client sample ID	Client sampling date / time	Laboratory sample ID	EA/ED: Physical and Aggregate Properties	EP: Aggregate Organics		
MP3-1	[03-MAY-2016]	HK1617155-001	31	16		
MP3-2	[03-MAY-2016]	HK1617155-002	30	17		
MP4-1	[03-MAY-2016]	HK1617155-003	31	5		
MP4-2	[03-MAY-2016]	HK1617155-004	29	5		
MP5-1	[03-MAY-2016]	HK1617155-005	29	8		
MP5-2	[03-MAY-2016]	HK1617155-006	29	8		
MP6-1	[03-MAY-2016]	HK1617155-007	28	8		
MP6-2	[03-MAY-2016]	HK1617155-008	28	8		

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1617155



# Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)		
EA/ED: Physical and	Aggregate Properties (QC	Lot: 4197814)								
HK1617067-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	2	2	0.0		
HK1617155-006	MP5-2	EA025: Suspended Solids (SS)		2	mg/L	29	29	0.0		

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

Matrix: WATER			Method Blank (ME	B) Report	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Red	overy (%)	Recovery	Limits (%)	RPDs	s (%)
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCI	Lot: 4197814)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	92.5		87	113		
EP: Aggregate Organics (QCLot: 4197584)											
EP030: Biochemical Oxygen Demand		2	mg/L		198 mg/L	107		87	117		

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

# **ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

## **CERTIFICATE OF ANALYSIS**

 ENOVATIVE ENVIRONMENTAL SERVICE LTD Client

Laboratory Contact Address

: ALS Technichem (HK) Pty Ltd

Page : 1 of 3

: MR THOMAS WONG Contact Address : RM811, HIN PUI HOUSE,

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: Fung Lim Chee, Richard : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing : HK1617540

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Project

Order number

C-O-C number

E-mail Telephone

: PROPOSED COMPREHENSIVE DEVELOPMENT

Quote number

Date received

Work Order

: 05-MAY-2016

AT WO SHANG WAI YUEN LONG

: HK/1653/2014

Date of issue

: 16-MAY-2016

No. of samples

Received Analysed

Authorised results for:

8

8

Site : ----

# **Report Comments**

This report for ALS Technichem (HK) Pty Ltd work order reference HK1617540 supersedes any previous reports with this reference. The completion date of analysis is 11-MAY-2016. 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 HK1617540:

Sample(s) were received in a chilled condition.

Water sample(s) analysed and reported on an as received basis.

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Signatory Position

Fung Lim Chee, Richard **General Manager** Inorganics

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1617540



Sub-Matrix: WATER		Compound	EA025: Suspended Solids (SS)	EP030: Biochemical Oxygen Demand		
		LOR Unit	2 mg/L	2 mg/L		
Client sample ID	Client sampling date / time	Laboratory sample ID	EA/ED: Physical and Aggregate Properties	EP: Aggregate Organics		
MP3-1	[05-MAY-2016]	HK1617540-001	38	8		
MP3-2	[05-MAY-2016]	HK1617540-002	39	7		
MP4-1	[05-MAY-2016]	HK1617540-003	26	4		
MP4-2	[05-MAY-2016]	HK1617540-004	26	4		
MP5-1	[05-MAY-2016]	HK1617540-005	38	6		
MP5-2	[05-MAY-2016]	HK1617540-006	36	5		
MP6-1	[05-MAY-2016]	HK1617540-007	38	6		
MP6-2	[05-MAY-2016]	HK1617540-008	38	6		

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1617540



# Laboratory Duplicate (DUP) Report

Matrix: WATER			Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	r LOR Unit		Original Result	Duplicate Result	RPD (%)	
EA/ED: Physical and	Aggregate Properties (QC	Lot: 4198980)							
HK1617540-001	MP3-1	EA025: Suspended Solids (SS)		2	mg/L	38	39	2.9	
HK1617562-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	7	6	0.0	

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

Matrix: WATER			Method Blank (ME	B) Report	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
				Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)		
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCI	Lot: 4198980)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	95.5		87	113		
EP: Aggregate Organics (QCLot: 4199268)											
EP030: Biochemical Oxygen Demand		2	mg/L		198 mg/L	112		87	117		

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

# **ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

## **CERTIFICATE OF ANALYSIS**

 ENOVATIVE ENVIRONMENTAL SERVICE LTD Client

: Thomas.wong@eno.com.hk

Laboratory

: ALS Technichem (HK) Pty Ltd

: 1 of 3

: MR THOMAS WONG Contact Address : RM811, HIN PUI HOUSE,

: Fung Lim Chee, Richard Contact Address : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Work Order HK1617925

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TAI WAI,

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Project

Order number

: PROPOSED COMPREHENSIVE DEVELOPMENT

Facsimile Quote number +852 2610 2021 : HK/1653/2014

Date received

Page

: 07-MAY-2016

: ----

AT WO SHANG WAI YUEN LONG

Date of issue : 17-MAY-2016

C-O-C number

No. of samples

Received

8

8

Site : ----

Analysed

# **Report Comments**

This report for ALS Technichem (HK) Pty Ltd work order reference HK1617925 supersedes any previous reports with this reference. The completion date of analysis is 16-MAY-2016. 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 HK1617925:

Sample(s) were received in a chilled condition.

Water sample(s) analysed and reported on an as received basis.

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory Position Fung Lim Chee, Richard

**General Manager** 

Inorganics

Authorised results for:

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1617925

# ALS

Sub-Matrix: WATER		Compound	EA025: Suspended Solids (SS)	EP030: Biochemical Oxygen Demand		
		LOR Unit	2 mg/L	2 mg/L		
Client sample ID	Client sampling date / time	Laboratory sample ID	EA/ED: Physical and Aggregate Properties	EP: Aggregate Organics		
MP3-1	[07-MAY-2016]	HK1617925-001	31	7		
MP3-2	[07-MAY-2016]	HK1617925-002	31	5		
MP4-1	[07-MAY-2016]	HK1617925-003	44	3		
MP4-2	[07-MAY-2016]	HK1617925-004	44	3		
MP5-1	[07-MAY-2016]	HK1617925-005	40	4		
MP5-2	[07-MAY-2016]	HK1617925-006	39	4		
MP6-1	[07-MAY-2016]	HK1617925-007	43	4		
MP6-2	[07-MAY-2016]	HK1617925-008	44	5		

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1617925



# Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report							
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)			
EA/ED: Physical and	Aggregate Properties (QC	Lot: 4199972)									
HK1617700-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0			
HK1617866-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0			
EA/ED: Physical and	Aggregate Properties (QC	Lot: 4199973)									
HK1618063-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0			
HK1618120-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	62	61	2.3			

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

Matrix: WATER			Method Blank (ME	B) Report		Laboratory Control	Spike (LCS) and Labor	ratory Control Spik	e Duplicat	e (DCS) Report	
					Spike	Spike Re	ecovery (%)	Recovery Lin	nits (%)	RPD	s (%)
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (C	QCLot: 4199972)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	93.0		87	113		
EA/ED: Physical and Aggregate Properties (C	QCLot: 4199973)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	98.0		87	113		
EP: Aggregate Organics (QCLot: 4200680)											
EP030: Biochemical Oxygen Demand		2	mg/L		198 mg/L	94.8		87	117		

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



: 1 of 3

# **ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

## **CERTIFICATE OF ANALYSIS**

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD Laboratory : ALS Technichem (HK) Pty Ltd Page

Contact : MR THOMAS WONG Contact : Fung Lim Chee, Richard Work Order : HK1618126

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 : +852 2610 1044

 Facsimile
 : -- Facsimile
 : +852 2610 2021

Project : PROPOSED COMPREHENSIVE DEVELOPMENT Quote number : HK/1653/2014 Date received : 09-MAY-2016

AT WO SHANG WAI YUEN LONG

Order number : --- Date of issue : 18-MAY-2016

C-O-C number : ---- No. of samples - Received : 8

Site : ---- - Analysed : 8

# **Report Comments**

This report for ALS Technichem (HK) Pty Ltd work order reference HK1618126 supersedes any previous reports with this reference. The completion date of analysis is 16-MAY-2016. 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 HK1618126:

Sample(s) were received in a chilled condition.

Water sample(s) analysed and reported on an as received basis.

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This document has been signed by those names that appear on this report and are the authorised signatories.

Authorized Provition

Authorized Signatory

Authorized Provition

Signatory Position Authorised results for:

Fung Lim Chee, Richard General Manager Inorganics

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1618126

# ALS

Sub-Matrix: WATER		Compound	EA025: Suspended Solids (SS)	EP030: Biochemical Oxygen Demand		
		LOR Unit	2 mg/L	2 mg/L		
Client sample ID	Client sampling date / time	Laboratory sample ID	EA/ED: Physical and Aggregate Properties	EP: Aggregate Organics		
MP3-1	[09-MAY-2016]	HK1618126-001	34	10		
MP3-2	[09-MAY-2016]	HK1618126-002	33	10		
MP4-1	[09-MAY-2016]	HK1618126-003	36	8		
MP4-2	[09-MAY-2016]	HK1618126-004	37	9		
MP5-1	[09-MAY-2016]	HK1618126-005	35	10		
MP5-2	[09-MAY-2016]	HK1618126-006	36	9		
MP6-1	[09-MAY-2016]	HK1618126-007	36	9		
MP6-2	[09-MAY-2016]	HK1618126-008	36	8		

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1618126



# Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report							
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)			
EA/ED: Physical and	Aggregate Properties (QC	Lot: 4201216)									
HK1617699-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0			
HK1617965-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	6	6	0.0			
EA/ED: Physical and	Aggregate Properties (QC	Lot: 4201217)									
HK1618126-002	MP3-2	EA025: Suspended Solids (SS)		2	mg/L	33	32	0.0			
HK1618261-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	7	7	0.0			

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

Matrix: WATER			Method Blank (MI	B) Report		Laboratory Control S	Spike (LCS) and Laborat	tory Control Spi	ike Duplicate	e (DCS) Report	
					Spike	Spike Re	covery (%)	Recovery Li	imits (%)	RPD	s (%)
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (C	QCLot: 4201216)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	96.0		87	113		
EA/ED: Physical and Aggregate Properties (C	QCLot: 4201217)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	102		87	113		
EP: Aggregate Organics (QCLot: 4201385)											
EP030: Biochemical Oxygen Demand		2	mg/L		198 mg/L	94.8		87	117		

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

# ALS

# **ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

## **CERTIFICATE OF ANALYSIS**

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

AL SERVICE LTD Laboratory

Contact

: ALS Technichem (HK) Pty Ltd

Yip Street, Kwai Chung, N.T., Hong Kong

: 1 of 3

Contact : MR THOMAS WONG
Address : RM811, HIN PUI HOUSE,

Contact : Fung Lim Chee, Richard

Address : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing

HK1618555

HIN KENG ESTATE,

TAI WAI,

**N.T. HONG KONG** 

Thomas.wong@eno.com.hk

E-mail Telephone : Richard.Fung@alsglobal.com

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Facsimile : -

E-mail Telephone

Facsimile : +852 2610 2021

Project : PROPOSED COMPREHENSIVE DEVELOPMENT

Date received : 11-MAY-2016

AIW

AT WO SHANG WAI YUEN LONG

Date of issue

Page

Work Order

20-MAY-2016

Order number : ---C-O-C number : ----

No. of samples

Received :

Site : ----

vo. or samples

Analysed

8

8

# **Report Comments**

This report for ALS Technichem (HK) Pty Ltd work order reference HK1618555 supersedes any previous reports with this reference. The completion date of analysis is 17-MAY-2016. 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 HK1618555:

Sample(s) were received in a chilled condition.

Water sample(s) analysed and reported on an as received basis.

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory Position

Fung Lim Chee, Richard General Manager

Inorganics

Authorised results for:

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1618555



Sub-Matrix: WATER		Compound	EA025: Suspended Solids (SS)	EP030: Biochemical Oxygen Demand		
		LOR Unit	2 mg/L	2 mg/L		
Client sample ID	Client sampling date / time	Laboratory sample ID	EA/ED: Physical and Aggregate Properties	EP: Aggregate Organics		
MP3-1	[11-MAY-2016]	HK1618555-001	18	7		
MP3-2	[11-MAY-2016]	HK1618555-002	18	7		
MP4-1	[11-MAY-2016]	HK1618555-003	38	3		
MP4-2	[11-MAY-2016]	HK1618555-004	39	3		
MP5-1	[11-MAY-2016]	HK1618555-005	32	6		
MP5-2	[11-MAY-2016]	HK1618555-006	34	6		
MP6-1	[11-MAY-2016]	HK1618555-007	29	6		
MP6-2	[11-MAY-2016]	HK1618555-008	29	6		

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1618555



# Laboratory Duplicate (DUP) Report

Matrix: WATER					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)			
EA/ED: Physical and	Aggregate Properties (QC	Lot: 4203522)									
HK1618638-006	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0			
HK1618565-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0			

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

Matrix: WATER			Method Blank (ME	B) Report	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	re Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCI	Lot: 4203522)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	104		87	113		
EP: Aggregate Organics (QCLot: 4203737)											
EP030: Biochemical Oxygen Demand		2	mg/L		198 mg/L	104		87	117		

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

# ALS

# **ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

## **CERTIFICATE OF ANALYSIS**

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD Laboratory : ALS Technichem (HK) Pty Ltd

: MR THOMAS WONG Contact : Fung Lim Chee, Richard

: RM811, HIN PUI HOUSE, Address : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing

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**N.T. HONG KONG** 

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Project : PROPOSED COMPREHENSIVE DEVELOPMENT Quote number : HK/1653/2014 Date received : 13-MAY-2016

AT WO SHANG WAI YUEN LONG

Order number : ---- Date of issue : 24-MAY-2016

C-O-C number : ---- No. of samples - Received : 8

Site : ---- - Analysed : ---- 8

# Report Comments

Contact

Address

This report for ALS Technichem (HK) Pty Ltd work order reference HK1619076 supersedes any previous reports with this reference. The completion date of analysis is 18-MAY-2016. 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 HK1619076:

Sample(s) were received in a chilled condition.

Water sample(s) analysed and reported on an as received basis.

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approval from ALS Technichem (HK) Pty Ltd.

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Signatory

This document has been signed by those names that appear on this report and are the authorised signatories.

gnatory Position Authorised results for:

Page

Work Order

: 1 of 3

HK1619076

Fung Lim Chee, Richard General Manager Inorganics

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1619076

Sub-Matrix: WATER		Compound	EA025: Suspended Solids (SS)	EP030: Biochemical Oxygen Demand		
		LOR Unit	· ,	2 mg/L		
Client sample ID	Client sampling date /	Laboratory sample	EA/ED: Physical and	EP: Aggregate Organics		
	time	ID	Aggregate Properties			
MP3-1	[13-MAY-2016]	HK1619076-001	21	6		
MP3-2	[13-MAY-2016]	HK1619076-002	20	6		
MP4-1	[13-MAY-2016]	HK1619076-003	59	6		
MP4-2	[13-MAY-2016]	HK1619076-004	61	5		
MP5-1	[13-MAY-2016]	HK1619076-005	125	5		
MP5-2	[13-MAY-2016]	HK1619076-006	127	5		
MP6-1	[13-MAY-2016]	HK1619076-007	113	6		
MP6-2	[13-MAY-2016]	HK1619076-008	119	6		

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1619076



# Laboratory Duplicate (DUP) Report

Matrix: WATER					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)			
EA/ED: Physical and	Aggregate Properties (QC	Lot: 4205653)									
HK1618996-016	Anonymous	EA025: Suspended Solids (SS)		0.1	mg/L	2.3	2.4	5.1			
HK1619013-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	9	9	0.0			

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

Matrix: WATER			Method Blank (ME	B) Report		Laboratory Control S	pike (LCS) and Laborato	ry Control S	pike Duplica	te (DCS) Report			
			Spike Spike Recovery (%)				Recovery Limits (%)		6) RPDs (%)				
Method: Compound CAS I	Number	LOR	Unit	Result	Concentration	Concentration LCS DCS		Low	High	Value	Control Limit		
EA/ED: Physical and Aggregate Properties (QCLot: 42	EA/ED: Physical and Aggregate Properties (QCLot: 4205653)												
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	103		87	113				

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

# **ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

## **CERTIFICATE OF ANALYSIS**

 ENOVATIVE ENVIRONMENTAL SERVICE LTD Client

: MR THOMAS WONG

: Fung Lim Chee, Richard Contact

Page : 1 of 3

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Facsimile

E-mail Telephone

Project

Site

Facsimile +852 2610 2021 : HK/1653/2014 Quote number

: 16-MAY-2016 Date received

: PROPOSED COMPREHENSIVE DEVELOPMENT

: ----

AT WO SHANG WAI YUEN LONG

Date of issue

Work Order

25-MAY-2016

: HK1619079

Order number : ----

No. of samples

Received

C-O-C number

Analysed

8

8

# **Report Comments**

This report for ALS Technichem (HK) Pty Ltd work order reference HK1619079 supersedes any previous reports with this reference. The completion date of analysis is 23-MAY-2016. 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 HK1619079:

Sample(s) were received 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

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1619079

# ALS

Sub-Matrix: WATER		Compound	EA025: Suspended Solids (SS)	EP030: Biochemical Oxygen Demand		
		LOR Unit	2 mg/L	2 mg/L		
Client sample ID	Client sampling date / time	Laboratory sample ID	EA/ED: Physical and Aggregate Properties	EP: Aggregate Organics		
MP3-1	[16-MAY-2016]	HK1619079-001	30	6		
MP3-2	[16-MAY-2016]	HK1619079-002	29	6		
MP4-1	[16-MAY-2016]	HK1619079-003	100	8		
MP4-2	[16-MAY-2016]	HK1619079-004	99	7		
MP5-1	[16-MAY-2016]	HK1619079-005	95	10		
MP5-2	[16-MAY-2016]	HK1619079-006	90	10		
MP6-1	[16-MAY-2016]	HK1619079-007	112	7		
MP6-2	[16-MAY-2016]	HK1619079-008	118	6		

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1619079



# Laboratory Duplicate (DUP) Report

Matrix: WATER					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)			
EA/ED: Physical and	Aggregate Properties (QC	Lot: 4205653)									
HK1618996-016	Anonymous	EA025: Suspended Solids (SS)		0.1	mg/L	2.3	2.4	5.1			
HK1619013-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	9	9	0.0			

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

Matrix: WATER			Method Blank (ME	B) Report	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Recovery (%)		Recovery Limits (%)		RPDs (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCL	ot: 4205653)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	103		87	113		
EP: Aggregate Organics (QCLot: 4206934)											
EP030: Biochemical Oxygen Demand		2	mg/L		198 mg/L	108		87	117		

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

# **ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

## **CERTIFICATE OF ANALYSIS**

 ENOVATIVE ENVIRONMENTAL SERVICE LTD Client

: RM811, HIN PUI HOUSE,

HIN KENG ESTATE,

TAI WAI,

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: Thomas.wong@eno.com.hk E-mail

Telephone

Contact

Address

Facsimile

Project : PROPOSED COMPREHENSIVE DEVELOPMENT

AT WO SHANG WAI YUEN LONG

Order number : ----

C-O-C number Site : ----

: MR THOMAS WONG Address

Contact

Laboratory

E-mail

Telephone

: ALS Technichem (HK) Pty Ltd

: Fung Lim Chee, Richard

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Facsimile +852 2610 2021 : HK/1653/2014 Quote number

Date received

Page

Work Order

: 18-MAY-2016

: 1 of 3

HK1619487

Date of issue No. of samples 27-MAY-2016 Received

Analysed

8

8

# **Report Comments**

This report for ALS Technichem (HK) Pty Ltd work order reference HK1619487 supersedes any previous reports with this reference. The completion date of analysis is 24-MAY-2016. 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 HK1619487:

Sample(s) were received in a chilled condition.

Water sample(s) analysed and reported on an as received basis.

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory Fung Lim Chee, Richard

**General Manager** 

Position

Inorganics

Authorised results for:

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1619487

# ALS

Sub-Matrix: WATER		Compound	EA025: Suspended Solids (SS)	EP030: Biochemical Oxygen Demand		
		LOR Unit	2 mg/L	2 mg/L		
Client sample ID	Client sampling date / time	Laboratory sample ID	EA/ED: Physical and Aggregate Properties	EP: Aggregate Organics		
MP3-1	[18-MAY-2016]	HK1619487-001	48	7		
MP3-2	[18-MAY-2016]	HK1619487-002	46	7		
MP4-1	[18-MAY-2016]	HK1619487-003	69	8		
MP4-2	[18-MAY-2016]	HK1619487-004	68	8		
MP5-1	[18-MAY-2016]	HK1619487-005	122	7		
MP5-2	[18-MAY-2016]	HK1619487-006	117	8		
MP6-1	[18-MAY-2016]	HK1619487-007	122	6		
MP6-2	[18-MAY-2016]	HK1619487-008	126	7		

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1619487



# Laboratory Duplicate (DUP) Report

Matrix: WATER					Labo	ratory Duplicate (DUP) F	Report	
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and	d Aggregate Properties	(QC Lot: 4209066)						
HK1619424-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0
HK1619457-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	44	42	3.2
EA/ED: Physical and	d Aggregate Properties	(QC Lot: 4209067)						
HK1619579-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	2	2	0.0
HK1619620-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	3	4	0.0

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

Matrix: WATER			Method Blank (ME	3) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report							
					Spike	Spike R	ecovery (%)	Recovery	Limits (%)	RPL	Os (%)		
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit		
EA/ED: Physical and Aggregate Properties (	QCLot: 4209066)												
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	90.5		87	113				
EA/ED: Physical and Aggregate Properties (	QCLot: 4209067)												
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	107		87	113				
EP: Aggregate Organics (QCLot: 4209493)													
EP030: Biochemical Oxygen Demand		2	mg/L		198 mg/L	107		87	117				

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



# **ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

#### **CERTIFICATE OF ANALYSIS**

 ENOVATIVE ENVIRONMENTAL SERVICE LTD Client

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: RM811, HIN PUI HOUSE,

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Project

Facsimile

: PROPOSED COMPREHENSIVE DEVELOPMENT

AT WO SHANG WAI YUEN LONG

Order number : ----

C-O-C number

Site : ----

Laboratory

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: ALS Technichem (HK) Pty Ltd

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Facsimile +852 2610 2021 Quote number

: HK/1653/2014

Date received

Page

Work Order

20-MAY-2016

: 1 of 3

HK1619853

Date of issue No. of samples : 31-MAY-2016

Received Analysed

Authorised results for:

8

8

#### **Report Comments**

This report for ALS Technichem (HK) Pty Ltd work order reference HK1619853 supersedes any previous reports with this reference. The completion date of analysis is 26-MAY-2016. 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 HK1619853:

Sample(s) were received in ambient condition.

Water sample(s) analysed and reported on an as received basis.

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory Position

Fung Lim Chee, Richard **General Manager** Inorganics

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1619853

# ALS

Sub-Matrix: WATER		Compound	EA025: Suspended Solids (SS)	EP030: Biochemical Oxygen Demand		
		LOR Unit	2 mg/L	2 mg/L		
Client sample ID	Client sampling date / time	Laboratory sample ID	EA/ED: Physical and Aggregate Properties	EP: Aggregate Organics		
MP3-1	[20-MAY-2016]	HK1619853-001	44	7		
MP3-2	[20-MAY-2016]	HK1619853-002	43	7		
MP4-1	[20-MAY-2016]	HK1619853-003	51	6		
MP4-2	[20-MAY-2016]	HK1619853-004	52	6		
MP5-1	[20-MAY-2016]	HK1619853-005	52	4		
MP5-2	[20-MAY-2016]	HK1619853-006	52	4		
MP6-1	[20-MAY-2016]	HK1619853-007	66	4		
MP6-2	[20-MAY-2016]	HK1619853-008	64	4		

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1619853



### Laboratory Duplicate (DUP) Report

Matrix: WATER			Laboratory Duplicate (DUP) Report								
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)			
EA/ED: Physical and	EA/ED: Physical and Aggregate Properties (QC Lot: 4211255)										
HK1619879-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	3	3	0.0			
HK1619879-002	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	3	2	0.0			

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

Matrix: WATER			Method Blank (ME	B) Report	Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Red	covery (%)	Recovery	Limits (%)	RPD:	s (%)
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QC	Lot: 4211255)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	108		87	113		
EP: Aggregate Organics (QCLot: 4211610)											
EP030: Biochemical Oxygen Demand		2	mg/L		198 mg/L	106		87	117		

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

## **ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

#### **CERTIFICATE OF ANALYSIS**

: ALS Technichem (HK) Pty Ltd

: Richard.Fung@alsglobal.com

· +852 2610 1044

: Fung Lim Chee, Richard

 ENOVATIVE ENVIRONMENTAL SERVICE LTD Client Laboratory

: MR THOMAS WONG Contact

: RM811, HIN PUI HOUSE,

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Telephone

Contact

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Facsimile

Project : PROPOSED COMPREHENSIVE DEVELOPMENT

AT WO SHANG WAI YUEN LONG

Order number : ----

C-O-C number Site : ---- E-mail Telephone

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Address

: HK/1653/2014 Quote number

: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing

Yip Street, Kwai Chung, N.T., Hong Kong

Date received

Page

Work Order

23-MAY-2016

: 1 of 3

: HK1620107

Date of issue

: 01-JUN-2016

Authorised results for:

Inorganics

No. of samples Received Analysed

8

8

#### **Report Comments**

This report for ALS Technichem (HK) Pty Ltd work order reference HK1620107 supersedes any previous reports with this reference. The completion date of analysis is 28-MAY-2016. 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 HK1620107:

Sample(s) were received in chilled condition.

Water sample(s) analysed and reported on an as received basis.

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory Position

Fung Lim Chee, Richard **General Manager** 

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1620107

# ALS

Sub-Matrix: WATER		Compound	EA025: Suspended Solids (SS)	EP030: Biochemical Oxygen Demand		
		LOR Unit	2 mg/L	2 mg/L		
Client sample ID	Client sampling date / time	Laboratory sample ID	EA/ED: Physical and Aggregate Properties	EP: Aggregate Organics		
MP3-1	[23-MAY-2016]	HK1620107-001	30	6		
MP3-2	[23-MAY-2016]	HK1620107-002	30	4		
MP4-1	[23-MAY-2016]	HK1620107-003	25	4		
MP4-2	[23-MAY-2016]	HK1620107-004	23	5		
MP5-1	[23-MAY-2016]	HK1620107-005	39	5		
MP5-2	[23-MAY-2016]	HK1620107-006	37	5		
MP6-1	[23-MAY-2016]	HK1620107-007	34	5		
MP6-2	[23-MAY-2016]	HK1620107-008	36	5		

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1620107



### Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report							
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)			
EA/ED: Physical and	Aggregate Properties (QC	Lot: 4211258)									
HK1620086-005	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	445	437	1.8			
HK1620106-005	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	22	21	5.6			
EA/ED: Physical and	Aggregate Properties (QC	Lot: 4211259)									
HK1620107-007	MP6-1	EA025: Suspended Solids (SS)		2	mg/L	34	36	4.2			
HK1620132-009	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	37	40	5.4			

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

Matrix: WATER			Method Blank (ME	B) Report		Laboratory Control S	Spike (LCS) and Labora	tory Control Sp	ike Duplicate	e (DCS) Report	
					Spike	Spike Re	covery (%)	Recovery L	imits (%)	RPD	s (%)
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (	QCLot: 4211258)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	108		87	113		
EA/ED: Physical and Aggregate Properties (	QCLot: 4211259)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	99.0		87	113		
EP: Aggregate Organics (QCLot: 4211627)											
EP030: Biochemical Oxygen Demand		2	mg/L		198 mg/L	110		87	117		

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

#### **ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

#### **CERTIFICATE OF ANALYSIS**

 ENOVATIVE ENVIRONMENTAL SERVICE LTD : ALS Technichem (HK) Pty Ltd Client Laboratory Page : 1 of 3

: MR THOMAS WONG : Fung Lim Chee, Richard Work Order Contact Contact HK1620529 Address : RM811, HIN PUI HOUSE, Address : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing

> HIN KENG ESTATE, Yip Street, Kwai Chung, N.T., Hong Kong

TAI WAI,

N.T. HONG KONG

: Thomas.wong@eno.com.hk : Richard.Fung@alsglobal.com E-mail E-mail

Telephone Telephone · +852 2610 1044 Facsimile Facsimile +852 2610 2021

Project : HK/1653/2014 Date received 25-MAY-2016 : PROPOSED COMPREHENSIVE DEVELOPMENT Quote number

AT WO SHANG WAI YUEN LONG

Order number Date of issue : 06-JUN-2016 : ----

C-O-C number No. of samples 8 Received

8 Site : ----Analysed

#### **Report Comments**

This report for ALS Technichem (HK) Pty Ltd work order reference HK1620529 supersedes any previous reports with this reference. The completion date of analysis is 30-MAY-2016. 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 HK1620529:

Sample(s) were received in chilled condition.

Water sample(s) analysed and reported on an as received basis.

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> Fung Lim Chee, Richard **General Manager** Inorganics

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1620529

# ALS

Sub-Matrix: WATER		Compound	EA025: Suspended Solids (SS)	EP030: Biochemical Oxygen Demand		
		LOR Unit	2 mg/L	2 mg/L		
Client sample ID	Client sampling date / time	Laboratory sample ID	EA/ED: Physical and Aggregate Properties	EP: Aggregate Organics		
MP3-1	[25-MAY-2016]	HK1620529-001	28	6		
MP3-2	[25-MAY-2016]	HK1620529-002	29	6		
MP4-1	[25-MAY-2016]	HK1620529-003	65	4		
MP4-2	[25-MAY-2016]	HK1620529-004	62	4		
MP5-1	[25-MAY-2016]	HK1620529-005	55	4		
MP5-2	[25-MAY-2016]	HK1620529-006	53	4		
MP6-1	[25-MAY-2016]	HK1620529-007	54	4		
MP6-2	[25-MAY-2016]	HK1620529-008	57	4		

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1620529



### Laboratory Duplicate (DUP) Report

Matrix: WATER					Labo	oratory Duplicate (DUP) F	Report	
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and	d Aggregate Properties	(QC Lot: 4214640)						
HK1620464-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0
HK1620486-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	2	3	36.5
EA/ED: Physical and	d Aggregate Properties	(QC Lot: 4214641)						
HK1620488-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	7	8	0.0
HK1620694-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0

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

Matrix: WATER			Method Blank (ME	B) Report		Laboratory Control	Spike (LCS) and Labo	ratory Control S	Spike Duplicate	e (DCS) Report	
					Spike	Spike R	ecovery (%)	Recovery	Limits (%)	RPL	Os (%)
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (Q	CLot: 4214640)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	110		87	113		
EA/ED: Physical and Aggregate Properties (Q	CLot: 4214641)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	97.0		87	113		
EP: Aggregate Organics (QCLot: 4215036)											
EP030: Biochemical Oxygen Demand		2	mg/L		198 mg/L	94.8		87	117		

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

# ALS

## **ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

#### **CERTIFICATE OF ANALYSIS**

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

: MR THOMAS WONG

Laboratory Contact Address : ALS Technichem (HK) Pty Ltd : Fung Lim Chee, Richard

: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing

Yip Street, Kwai Chung, N.T., Hong Kong

Page

Work Order

: 1 of 3

: HK1620844

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Contact

E-mail Telephone

Project

Site

Order number

C-O-C number

: PROPOSED COMPREHENSIVE DEVELOPMENT

Quote number

+852 2610 2021

Date received

: 27-MAY-2016

AT WO SHANG WAI YUEN LONG

: ----

: ----

Quote number

: HK/1653/2014

Date of issue

: 07-JUN-2016

No. of samples

Received

:

8

8

- Analysed

:

#### **Report Comments**

This report for ALS Technichem (HK) Pty Ltd work order reference HK1620844 supersedes any previous reports with this reference. The completion date of analysis is 01-JUN-2016. 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 HK1620844:

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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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory

Position

Authorised results for:

Fung Lim Chee, Richard

**General Manager** 

Inorganics

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1620844



Sub-Matrix: WATER		Compound	EA025: Suspended Solids (SS)	EP030: Biochemical Oxygen Demand		
		LOR Unit	2 mg/L	2 mg/L		
Client sample ID	Client sampling date / time	Laboratory sample ID	EA/ED: Physical and Aggregate Properties	EP: Aggregate Organics		
MP3-1	[27-MAY-2016]	HK1620844-001	33	6		
MP3-2	[27-MAY-2016]	HK1620844-002	32	6		
MP4-1	[27-MAY-2016]	HK1620844-003	40	6		
MP4-2	[27-MAY-2016]	HK1620844-004	42	6		
MP5-1	[27-MAY-2016]	HK1620844-005	48	4		
MP5-2	[27-MAY-2016]	HK1620844-006	44	4		
MP6-1	[27-MAY-2016]	HK1620844-007	44	4		
MP6-2	[27-MAY-2016]	HK1620844-008	43	5		

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1620844



#### Laboratory Duplicate (DUP) Report

Matrix: WATER					Labo	ratory Duplicate (DUP) R	Report	
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and	Aggregate Properties (QC	Lot: 4216691)						
HK1616355-003	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0
HK1616355-012	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0
EA/ED: Physical and	Aggregate Properties (QC	Lot: 4216692)						
HK1620836-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0
HK1620835-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0

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

Matrix: WATER		Method Blank (MB) Report				Laboratory Control	Spike (LCS) and Labor	ratory Control Sp	oike Duplicat	e (DCS) Report	
					Spike	Spike R	ecovery (%)	Recovery L	Limits (%)	RPD	s (%)
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (C	CLot: 4216691)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	111		87	113		
EA/ED: Physical and Aggregate Properties (C	CLot: 4216692)										
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	99.0		87	113		
EP: Aggregate Organics (QCLot: 4216920)											
EP030: Biochemical Oxygen Demand		2	mg/L		198 mg/L	114		87	117		

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

# ALS

# **ALS Laboratory Group**

ANALYTICAL CHEMISTRY & TESTING SERVICES

#### **CERTIFICATE OF ANALYSIS**

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

: MR THOMAS WONG

: RM811, HIN PUI HOUSE,

HIN KENG ESTATE,

TAI WAI,

N.T. HONG KONG

E-mail: Thomas.wong@eno.com.hk

Telephone : ---

Contact

Address

Facsimile : ---

Project : PROPOSED COMPREHENSIVE DEVELOPMENT

AT WO SHANG WAI YUEN LONG

Order number : ----

C-O-C number : ----

Site : ----

Laboratory : ALS Technichem (HK) Pty Ltd

Address

E-mail

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Contact Fung Lim Chee, Richard

: Fung Lim Chee, Richard

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Quote number : HK/1653/2014

Date received

Page

Work Order

: 30-MAY-2016

Inorganics

Date of issue
No. of samples

: 07-JUN-2016

ReceivedAnalysed

: 1 of 3

HK1621349

: 8

8

#### **Report Comments**

This report for ALS Technichem (HK) Pty Ltd work order reference HK1621349 supersedes any previous reports with this reference. The completion date of analysis is 01-JUN-2016. 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 HK1621349:

Sample(s) were received in chilled condition.

Water sample(s) analysed and reported on an as received basis.

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatory Position Authorised results for:

Fung Lim Chee, Richard General Manager

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1621349



Sub-Matrix: WATER		Compound	EA025: Suspended Solids (SS)	EP030: Biochemical Oxygen Demand		
		LOR Unit	2 mg/L	2 mg/L		
Client sample ID	Client sampling date / time	Laboratory sample ID	EA/ED: Physical and Aggregate Properties	EP: Aggregate Organics		
MP3-1	[30-MAY-2016]	HK1621349-001	27	4		
MP3-2	[30-MAY-2016]	HK1621349-002	29	4		
MP4-1	[30-MAY-2016]	HK1621349-003	36	6		
MP4-2	[30-MAY-2016]	HK1621349-004	40	6		
MP5-1	[30-MAY-2016]	HK1621349-005	37	6		
MP5-2	[30-MAY-2016]	HK1621349-006	36	6		
MP6-1	[30-MAY-2016]	HK1621349-007	37	6		
MP6-2	[30-MAY-2016]	HK1621349-008	36	7		

Client : ENOVATIVE ENVIRONMENTAL SERVICE LTD

Work Order HK1621349



#### Laboratory Duplicate (DUP) Report

Matrix: WATER					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)			
EA/ED: Physical and Aggregate Properties (QC Lot: 4216694)											
HK1621180-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0			
HK1621171-001	Anonymous	EA025: Suspended Solids (SS)		2	mg/L	<2	<2	0.0			

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

Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike	Spike Spike Recovery		y (%) Recovery Limits (%)		RPDs (%)	
Method: Compound	CAS Number	LOR	Unit	Result	Concentration	LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QCLot: 4216694)											
EA025: Suspended Solids (SS)		2	mg/L	<2	10 mg/L	91.0		87	113		
EP: Aggregate Organics (QCLot: 4216922)											
EP030: Biochemical Oxygen Demand		2	mg/L		198 mg/L	105		87	117		

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