



CERTIFICATE OF ANALYSIS

Client : ERM HONG KONG
Contact : MS KAREN LUI
Address : 21/F, LINCOLN HOUSE, 979 KING'S ROAD,
TAIKOO PLACE, ISLAND EAST,
QUARRY BAY, HONG KONG
E-mail : Karen.Lui@erm.com
Telephone : +852 2271 3000
Facsimile : +852 2723 5660
Project : EM&A FOR THE PERMANENT AVIATION FUEL
FACILITY
Order number : ----
C-O-C number : ----
Site : ----

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Wong Wai Man, Alice
Address : 11/F., Chung Shun Knitting Centre,
1 - 3 Wing Yip Street,
Kwai Chung, N.T., Hong Kong
E-mail : Alice.Wong@alsenviro.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : ----

Page : 1 of 5
Work Order : **HK0819960**

Date received : 01-DEC-2008

Date of issue : 08-DEC-2008

No. of samples - *Received* : 74
- *Analysed* : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0819960 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 HK0819960 : **Sample(s) were collected by ALS Technichem (HK) staff on 01 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 831449) | | | | | | | | |
| HK0819960-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 5 | 0.0 |
| HK0819960-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 831450) | | | | | | | | |
| HK0819960-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 19.5 |
| HK0819960-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 11 | 9 | 20.8 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 831451) | | | | | | | | |
| HK0819960-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 0.0 |
| HK0819960-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 21.8 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 831452) | | | | | | | | |
| HK0819960-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0819960-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 831449) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 96.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 831450) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 831451) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 831452) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 95.5 | ---- | 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
Contact : MS KAREN LUI
Address : 21/F, LINCOLN HOUSE, 979 KING'S ROAD,
TAIKOO PLACE, ISLAND EAST,
QUARRY BAY, HONG KONG
E-mail : Karen.Lui@erm.com
Telephone : +852 2271 3000
Facsimile : +852 2723 5660
Project : EM&A FOR THE PERMANENT AVIATION FUEL
FACILITY
Order number : ----
C-O-C number : ----
Site : ----

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Wong Wai Man, Alice
Address : 11/F., Chung Shun Knitting Centre,
1 - 3 Wing Yip Street,
Kwai Chung, N.T., Hong Kong
E-mail : Alice.Wong@alsenviro.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : ----

Page : 1 of 5
Work Order : **HK0819964**

Date received : 04-DEC-2008

Date of issue : 09-DEC-2008

No. of samples - *Received* : 74
- *Analysed* : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0819964 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 HK0819964 : **Sample(s) were collected by ALS Technichem (HK) staff on 04 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 835586) | | | | | | | | |
| HK0819964-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 4 | 0.0 |
| HK0819964-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 835587) | | | | | | | | |
| HK0819964-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 5 | 0.0 |
| HK0819964-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 835588) | | | | | | | | |
| HK0819964-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| HK0819964-068 | IMO1 S DUP MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 3 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 835589) | | | | | | | | |
| HK0819964-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0819964-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 835586) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 99.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 835587) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 95.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 835588) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 835589) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem (HK) Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0819963 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 05-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 10-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0819963 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 HK0819963 : **Sample(s) were collected by ALS Technichem (HK) staff on 05 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 836275) | | | | | | | | |
| HK0819963-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| HK0819963-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 836276) | | | | | | | | |
| HK0819963-024 | IMO1 B DUP ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 4 | 0.0 |
| HK0819963-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 836277) | | | | | | | | |
| HK0819963-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| HK0819963-068 | IMO1 S DUP MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 836278) | | | | | | | | |
| HK0819963-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| HK0819963-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 5 | 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 | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 836275) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 95.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 836276) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 93.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 836277) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 93.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 836278) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem (HK) Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0821670 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 06-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 12-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0821670 supersedes any previous reports with this reference. The completion date of analysis is 08-DEC-2008. 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 HK0821670 : **Sample(s) were collected by ALS Technichem (HK) staff on 06 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 836281) | | | | | | | | |
| HK0821670-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0821670-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 836282) | | | | | | | | |
| HK0821670-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0821670-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 9 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 836283) | | | | | | | | |
| HK0821670-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0821670-068 | IMO1 S DUP MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 836284) | | | | | | | | |
| HK0821670-091 | C1 (NM3) S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 0.0 |
| HK0821670-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1.0 | mg/L | 6 | 6.6 | 11.6 |

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 | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 836281) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 102 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 836282) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 95.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 836283) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 836284) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 96.5 | ---- | 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
Contact : MS KAREN LUI
Address : 21/F, LINCOLN HOUSE, 979 KING'S ROAD,
TAIKOO PLACE, ISLAND EAST,
QUARRY BAY, HONG KONG
E-mail : Karen.Lui@erm.com
Telephone : +852 2271 3000
Facsimile : +852 2723 5660
Project : EM&A FOR THE PERMANENT AVIATION FUEL
FACILITY
Order number : ----
C-O-C number : ----
Site : ----

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Wong Wai Man, Alice
Address : 11/F., Chung Shun Knitting Centre,
1 - 3 Wing Yip Street,
Kwai Chung, N.T., Hong Kong
E-mail : Alice.Wong@alsenviro.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : ----

Page : 1 of 5
Work Order : **HK0821677**

Date received : 08-DEC-2008

Date of issue : 10-DEC-2008

No. of samples - *Received* : 74
- *Analysed* : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0821677 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 HK0821677 : **Sample(s) were collected by ALS Technichem (HK) staff on 07 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 837069) | | | | | | | | |
| HK0821677-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0821677-014 | MPB2 S DUP ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 837070) | | | | | | | | |
| HK0821677-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0821677-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 837071) | | | | | | | | |
| HK0821677-058 | MPB1 M DUP MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 20.6 |
| HK0821677-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 837072) | | | | | | | | |
| HK0821677-078 | IMO2 B DUP MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 5 | 0.0 |
| HK0821677-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 837069) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 837070) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 837071) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 837072) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.0 | ---- | 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
Contact : MS KAREN LUI
Address : 21/F, LINCOLN HOUSE, 979 KING'S ROAD,
TAIKOO PLACE, ISLAND EAST,
QUARRY BAY, HONG KONG
E-mail : Karen.Lui@erm.com
Telephone : +852 2271 3000
Facsimile : +852 2723 5660
Project : EM&A FOR THE PERMANENT AVIATION FUEL
FACILITY
Order number : ----
C-O-C number : ----
Site : ----

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Wong Wai Man, Alice
Address : 11/F., Chung Shun Knitting Centre,
1 - 3 Wing Yip Street,
Kwai Chung, N.T., Hong Kong
E-mail : Alice.Wong@alsenviro.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : ----

Page : 1 of 5
Work Order : **HK0821676**

Date received : 08-DEC-2008

Date of issue : 10-DEC-2008

No. of samples - *Received* : 74
- *Analysed* : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0821676 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 HK0821676 : **Sample(s) were collected by ALS Technichem (HK) staff on 08 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 837591) | | | | | | | | |
| HK0821676-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 3 | 4 | 0.0 |
| HK0821676-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 837592) | | | | | | | | |
| HK0821676-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0821676-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 3 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 837593) | | | | | | | | |
| HK0821676-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 17.0 |
| HK0821676-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 837594) | | | | | | | | |
| HK0821676-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| HK0821676-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 9 | 16.5 |

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 | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 837591) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 93.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 837592) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 93.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 837593) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 837594) | | | | | | | | | | | |
| 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.



CERTIFICATE OF ANALYSIS

Client : ERM HONG KONG
Contact : MS KAREN LUI
Address : 21/F, LINCOLN HOUSE, 979 KING'S ROAD,
TAIKOO PLACE, ISLAND EAST,
QUARRY BAY, HONG KONG
E-mail : Karen.Lui@erm.com
Telephone : +852 2271 3000
Facsimile : +852 2723 5660
Project : EM&A FOR THE PERMANENT AVIATION FUEL
FACILITY
Order number : ----
C-O-C number : ----
Site : ----

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Wong Wai Man, Alice
Address : 11/F., Chung Shun Knitting Centre,
1 - 3 Wing Yip Street,
Kwai Chung, N.T., Hong Kong
E-mail : Alice.Wong@alsenviro.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : ----

Page : 1 of 5
Work Order : **HK0821675**

Date received : 09-DEC-2008

Date of issue : 12-DEC-2008

No. of samples - *Received* : 74
- *Analysed* : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0821675 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 HK0821675 : **Sample(s) were collected by ALS Technichem (HK) staff on 09 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 839051) | | | | | | | | |
| HK0821675-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 7 | 14.9 |
| HK0821675-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 839052) | | | | | | | | |
| HK0821675-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| HK0821675-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 839053) | | | | | | | | |
| HK0821675-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0821675-068 | IMO1 S DUP MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 839054) | | | | | | | | |
| HK0821675-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| HK0821675-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 18.8 |

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 | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 839051) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 839052) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 839053) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 839054) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem (HK) Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0821672 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 10-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 15-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0821672 supersedes any previous reports with this reference. The completion date of analysis is 12-DEC-2008. 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 HK0821672 : **Sample(s) were collected by ALS Technichem (HK) staff on 10 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 840467) | | | | | | | | |
| HK0821672-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| HK0821672-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 840468) | | | | | | | | |
| HK0821672-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 4 | 0.0 |
| HK0821672-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 840469) | | | | | | | | |
| HK0821672-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 5 | 0.0 |
| HK0821672-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 7 | 14.4 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 840470) | | | | | | | | |
| HK0821672-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 0.0 |
| HK0821672-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 840467) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 106 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 840468) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 840469) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 99.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 840470) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem (HK) Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0821671 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 11-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 16-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0821671 supersedes any previous reports with this reference. The completion date of analysis is 13-DEC-2008. 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 HK0821671 : **Sample(s) were collected by ALS Technichem (HK) staff on 11 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 842430) | | | | | | | | |
| HK0821671-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0821671-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 17.2 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 842431) | | | | | | | | |
| HK0821671-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| HK0821671-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 9 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 842432) | | | | | | | | |
| HK0821671-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| HK0821671-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 842433) | | | | | | | | |
| HK0821671-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| HK0821671-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 842430) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 842431) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 96.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 842432) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 104 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 842433) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem (HK) Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0822848 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 12-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 17-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0822848 supersedes any previous reports with this reference. The completion date of analysis is 16-DEC-2008. 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 HK0822848 : **Sample(s) were collected by ALS Technichem (HK) staff on 12 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

Signatory _____ *Position* _____ *Authorised results for:-* _____



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: 844538) | | | | | | | | |
| HK0822848-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 0.0 |
| HK0822848-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 844539) | | | | | | | | |
| HK0822848-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0822848-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 844540) | | | | | | | | |
| HK0822848-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0822848-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 844541) | | | | | | | | |
| HK0822848-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0822848-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 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 | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 844538) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 844539) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 91.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 844540) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 90.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 844541) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 92.0 | ---- | 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem (HK) Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0822954 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 13-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 17-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0822954 supersedes any previous reports with this reference. The completion date of analysis is 16-DEC-2008. 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 HK0822954 : **Sample(s) were collected by ALS Technichem (HK) staff on 13 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

Signatory _____ *Position* _____ *Authorised results for:-* _____



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: 844546) | | | | | | | | |
| HK0822954-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 0.0 |
| HK0822954-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 844547) | | | | | | | | |
| HK0822954-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| HK0822954-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 844548) | | | | | | | | |
| HK0822954-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 18.4 |
| HK0822954-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 18.2 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 844549) | | | | | | | | |
| HK0822954-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 13.2 |
| HK0822954-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 844546) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 844547) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 844548) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 103 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 844549) | | | | | | | | | | | |
| 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
Contact : MS KAREN LUI
Address : 21/F, LINCOLN HOUSE, 979 KING'S ROAD,
TAIKOO PLACE, ISLAND EAST,
QUARRY BAY, HONG KONG
E-mail : Karen.Lui@erm.com
Telephone : +852 2271 3000
Facsimile : +852 2723 5660
Project : EM&A FOR THE PERMANENT AVIATION FUEL
FACILITY
Order number : ----
C-O-C number : ----
Site : ----

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Wong Wai Man, Alice
Address : 11/F., Chung Shun Knitting Centre,
1 - 3 Wing Yip Street,
Kwai Chung, N.T., Hong Kong
E-mail : Alice.Wong@alsenviro.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : ----

Page : 1 of 5
Work Order : **HK0822943**

Date received : 14-DEC-2008

Date of issue : 17-DEC-2008

No. of samples - *Received* : 74
- *Analysed* : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0822943 supersedes any previous reports with this reference. The completion date of analysis is 16-DEC-2008. 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 HK0822943 : **Sample(s) were collected by ALS Technichem (HK) staff on 14 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

Signatory

Position

Authorised results for:-

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 844542) | | | | | | | | |
| HK0822943-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| HK0822943-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 844543) | | | | | | | | |
| HK0822943-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| HK0822943-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 844544) | | | | | | | | |
| HK0822943-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 13.6 |
| HK0822943-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 844545) | | | | | | | | |
| HK0822943-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 8 | 0.0 |
| HK0822943-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 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 | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 844542) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 92.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 844543) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 844544) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 93.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 844545) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 93.5 | ---- | 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem (HK) Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0822944 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 15-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 18-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0822944 supersedes any previous reports with this reference. The completion date of analysis is 16-DEC-2008. 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 HK0822944 : **Sample(s) were collected by ALS Technichem (HK) staff on 15 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

Signatory _____ *Position* _____ *Authorised results for:-* _____



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: 845244) | | | | | | | | |
| HK0822944-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 11 | 10 | 0.0 |
| HK0822944-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 845245) | | | | | | | | |
| HK0822944-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 10 | 0.0 |
| HK0822944-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 9 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 845246) | | | | | | | | |
| HK0822944-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| HK0822944-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 845247) | | | | | | | | |
| HK0822944-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 9 | 0.0 |
| HK0822944-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 845244) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 845245) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 93.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 845246) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 91.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 845247) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem (HK) Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0822945 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 16-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 19-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0822945 supersedes any previous reports with this reference. The completion date of analysis is 18-DEC-2008. 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 HK0822945 : **Sample(s) were collected by ALS Technichem (HK) staff on 16 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

Signatory _____ *Position* _____ *Authorised results for:-* _____



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: 847192) | | | | | | | | |
| HK0822945-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 0.0 |
| HK0822945-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 847193) | | | | | | | | |
| HK0822945-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| HK0822945-047 | C2 (NM5) B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 13.8 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 847194) | | | | | | | | |
| HK0822945-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| HK0822945-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 847195) | | | | | | | | |
| HK0822945-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0822945-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 847192) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 92.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 847193) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 112 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 847194) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 847195) | | | | | | | | | | | |
| 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
Contact : MS KAREN LUI
Address : 21/F, LINCOLN HOUSE, 979 KING'S ROAD,
TAIKOO PLACE, ISLAND EAST,
QUARRY BAY, HONG KONG
E-mail : Karen.Lui@erm.com
Telephone : +852 2271 3000
Facsimile : +852 2723 5660
Project : EM&A FOR THE PERMANENT AVIATION FUEL
FACILITY
Order number : ----
C-O-C number : ----
Site : ----

Laboratory : ALS Technichem (HK) Pty Ltd
Contact : Wong Wai Man, Alice
Address : 11/F., Chung Shun Knitting Centre,
1 - 3 Wing Yip Street,
Kwai Chung, N.T., Hong Kong
E-mail : Alice.Wong@alsenviro.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : ----

Page : 1 of 5
Work Order : **HK0822946**

Date received : 17-DEC-2008

Date of issue : 22-DEC-2008

No. of samples - *Received* : 74
- *Analysed* : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0822946 supersedes any previous reports with this reference. The completion date of analysis is 19-DEC-2008. 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 HK0822946 : **Sample(s) were collected by ALS Technichem (HK) staff on 17 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 848624) | | | | | | | | |
| HK0822946-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 12 | 11 | 10.3 |
| HK0822946-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 7 | 14.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 848625) | | | | | | | | |
| HK0822946-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 0.0 |
| HK0822946-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 10 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 848626) | | | | | | | | |
| HK0822946-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 10 | 0.0 |
| HK0822946-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 8 | 15.6 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 848627) | | | | | | | | |
| HK0822946-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| HK0822946-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 848624) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 92.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 848625) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 91.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 848626) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 102 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 848627) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0822947 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 18-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 23-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0822947 supersedes any previous reports with this reference. The completion date of analysis is 19-DEC-2008. 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 HK0822947 : **Sample(s) were collected by ALS Technichem (HK) staff on 18 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 849284) | | | | | | | | |
| HK0822947-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0822947-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 849285) | | | | | | | | |
| HK0822947-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 5 | 0.0 |
| HK0822947-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 849286) | | | | | | | | |
| HK0822947-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 6 | 0.0 |
| HK0822947-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 849287) | | | | | | | | |
| HK0822947-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0822947-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 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 | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 849284) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 102 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 849285) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 104 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 849286) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 96.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 849287) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0822949 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 19-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 24-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0822949 supersedes any previous reports with this reference. The completion date of analysis is 22-DEC-2008. 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 HK0822949 : **Sample(s) were collected by ALS Technichem (HK) staff on 19 December, 2008**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 850377) | | | | | | | | |
| HK0822949-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 3 | 4 | 0.0 |
| HK0822949-018 | MPB2 B DUP ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 3 | 3 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 850378) | | | | | | | | |
| HK0822949-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| HK0822949-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 17.3 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 850379) | | | | | | | | |
| HK0822949-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| HK0822949-102 | C3 (NM6) B DUP MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 23.4 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 850380) | | | | | | | | |
| HK0822949-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| HK0822949-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 850377) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 850378) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 91.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 850379) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 92.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 850380) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 89.5 | ---- | 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0822948 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 20-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 24-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0822948 supersedes any previous reports with this reference. The completion date of analysis is 23-DEC-2008. 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 HK0822948 : **Sample(s) were collected by ALS Technichem (HK) staff on 20 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 851513) | | | | | | | | |
| HK0822948-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0822948-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 851514) | | | | | | | | |
| HK0822948-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 5 | 0.0 |
| HK0822948-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 851515) | | | | | | | | |
| HK0822948-068 | IMO1 S DUP MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| HK0822948-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 851516) | | | | | | | | |
| HK0822948-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 3 | 3 | 0.0 |
| HK0822948-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 851513) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 91.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 851514) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 102 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 851515) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 92.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 851516) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0821673 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 21-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 24-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0821673 supersedes any previous reports with this reference. The completion date of analysis is 23-DEC-2008. 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 HK0821673 : **Sample(s) were collected by ALS Technichem (HK) staff on 21 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 851509) | | | | | | | | |
| HK0821673-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| HK0821673-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 851510) | | | | | | | | |
| HK0821673-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0821673-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 6 | 21.8 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 851511) | | | | | | | | |
| HK0821673-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| HK0821673-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 851512) | | | | | | | | |
| HK0821673-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 4 | 22.6 |
| HK0821673-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 851509) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 90.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 851510) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 99.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 851511) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 108 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 851512) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.0 | ---- | 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0821674 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 22-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 29-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0821674 supersedes any previous reports with this reference. The completion date of analysis is 24-DEC-2008. 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 HK0821674 : **Sample(s) were collected by ALS Technichem (HK) staff on 22 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 852473) | | | | | | | | |
| HK0821674-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 2 | 2 | 0.0 |
| HK0821674-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 852474) | | | | | | | | |
| HK0821674-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 3 | 2 | 0.0 |
| HK0821674-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 3 | 3 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 852476) | | | | | | | | |
| HK0821674-058 | MPB1 M DUP MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 3 | 3 | 0.0 |
| HK0821674-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 3 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 852477) | | | | | | | | |
| HK0821674-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 2 | 3 | 0.0 |
| HK0821674-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 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 | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 852473) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 102 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 852474) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 852476) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 96.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 852477) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.0 | ---- | 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
Contact : MS KAREN LUI
Address : 21/F, LINCOLN HOUSE, 979 KING'S ROAD,
TAIKOO PLACE, ISLAND EAST,
QUARRY BAY, HONG KONG
E-mail : Karen.Lui@erm.com
Telephone : +852 2271 3000
Facsimile : +852 2723 5660
Project : EM&A FOR THE PERMANENT AVIATION FUEL
FACILITY
Order number : ----
C-O-C number : ----
Site : ----

Laboratory : ALS Technichem HK Pty Ltd
Contact : Wong Wai Man, Alice
Address : 11/F., Chung Shun Knitting Centre,
1 - 3 Wing Yip Street,
Kwai Chung, N.T., Hong Kong
E-mail : Alice.Wong@alsenviro.com
Telephone : +852 2610 1044
Facsimile : +852 2610 2021
Quote number : ----

Page : 1 of 5
Work Order : **HK0822953**

Date received : 23-DEC-2008

Date of issue : 30-DEC-2008

No. of samples - *Received* : 74
- *Analysed* : 74

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0822953 supersedes any previous reports with this reference. The completion date of analysis is 29-DEC-2008. 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 HK0822953 : **Sample(s) were collected by ALS Technichem (HK) staff on 23 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 852801) | | | | | | | | |
| HK0822953-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 3 | 2 | 0.0 |
| HK0822953-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 852802) | | | | | | | | |
| HK0822953-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0822953-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 852803) | | | | | | | | |
| HK0822953-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0822953-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 852804) | | | | | | | | |
| HK0822953-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0822953-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 852801) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 91.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 852802) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 104 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 852803) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 852804) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0822952 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 24-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 31-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0822952 supersedes any previous reports with this reference. The completion date of analysis is 29-DEC-2008. 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 HK0822952 : **Sample(s) were collected by ALS Technichem (HK) staff on 24 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 853243) | | | | | | | | |
| HK0822952-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0822952-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 853244) | | | | | | | | |
| HK0822952-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 3 | 3 | 0.0 |
| HK0822952-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 853245) | | | | | | | | |
| HK0822952-058 | MPB1 M DUP MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| HK0822952-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 853246) | | | | | | | | |
| HK0822952-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| HK0822952-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 853243) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 853244) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 853245) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 108 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 853246) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0820878 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 25-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 31-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0820878 supersedes any previous reports with this reference. The completion date of analysis is 29-DEC-2008. 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 HK0820878 : **Sample(s) were collected by ALS Technichem (HK) staff on 25 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 853679) | | | | | | | | |
| HK0820878-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0820878-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 853680) | | | | | | | | |
| HK0820878-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 6 | 0.0 |
| HK0820878-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 8 | 14.1 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 853681) | | | | | | | | |
| HK0820878-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| HK0820878-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 853682) | | | | | | | | |
| HK0820878-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| HK0820878-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 853679) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 102 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 853680) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 853681) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 95.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 853682) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0823733 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 26-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 31-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0823733 supersedes any previous reports with this reference. The completion date of analysis is 29-DEC-2008. 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 HK0823733 : **Sample(s) were collected by ALS Technichem (HK) staff on 26 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 853247) | | | | | | | | |
| HK0823733-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 6 | 19.8 |
| HK0823733-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 853248) | | | | | | | | |
| HK0823733-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| HK0823733-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 18.4 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 853249) | | | | | | | | |
| HK0823733-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 5 | 5 | 0.0 |
| HK0823733-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 853250) | | | | | | | | |
| HK0823733-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0823733-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | | |
|---|------------|--------------------------|------|--------|--|--------------------|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 853247) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 96.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 853248) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 105 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 853249) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 99.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 853250) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0823726 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 27-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 31-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0823726 supersedes any previous reports with this reference. The completion date of analysis is 30-DEC-2008. 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 HK0823726 : **Sample(s) were collected by ALS Technichem (HK) staff on 27 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: ALS Technichem (HK) Pty Ltd

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 854262) | | | | | | | | |
| HK0823726-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 5 | 0.0 |
| HK0823726-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 854263) | | | | | | | | |
| HK0823726-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0823726-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 4 | 4 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 854264) | | | | | | | | |
| HK0823726-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 8 | 0.0 |
| HK0823726-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 854265) | | | | | | | | |
| HK0823726-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 8 | 16.0 |
| HK0823726-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 854262) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 854263) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 854264) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 97.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 854265) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 88.0 | ---- | 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0823730 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 28-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 31-DEC-2008 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0823730 supersedes any previous reports with this reference. The completion date of analysis is 30-DEC-2008. 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 HK0823730 : **Sample(s) were collected by ALS Technichem (HK) staff on 28 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 854268) | | | | | | | | |
| HK0823730-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| HK0823730-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 854269) | | | | | | | | |
| HK0823730-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0823730-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 854270) | | | | | | | | |
| HK0823730-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 5 | 0.0 |
| HK0823730-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 20.1 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 854271) | | | | | | | | |
| HK0823730-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0823730-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 854268) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 94.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 854269) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 99.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 854270) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 102 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 854271) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|--------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0823731 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 29-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 02-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - Received : 74 |
| <i>Site</i> | : --- | | | | - Analysed : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0823731 supersedes any previous reports with this reference. The completion date of analysis is 30-DEC-2008. 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 HK0823731 : **Sample(s) were collected by ALS Technichem (HK) staff on 29 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 854272) | | | | | | | | |
| HK0823731-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0823731-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 854273) | | | | | | | | |
| HK0823731-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 0.0 |
| HK0823731-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 8 | 20.1 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 854274) | | | | | | | | |
| HK0823731-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 9 | 0.0 |
| HK0823731-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 8 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 854275) | | | | | | | | |
| HK0823731-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 10 | 11.0 |
| HK0823731-099 | 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 Blank (MB) Report | | | Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 854272) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 854273) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 96.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 854274) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 100 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 854275) | | | | | | | | | | | |
| 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0823732 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 30-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 06-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0823732 supersedes any previous reports with this reference. The completion date of analysis is 03-JAN-2009. 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 HK0823732 : **Sample(s) were collected by ALS Technichem (HK) staff on 30 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 855584) | | | | | | | | |
| HK0823732-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 9 | 0.0 |
| HK0823732-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 10 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 855585) | | | | | | | | |
| HK0823732-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 11 | 11 | 0.0 |
| HK0823732-046 | C2 (NM5) M DUP ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 10 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 855586) | | | | | | | | |
| HK0823732-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 11 | 10 | 12.4 |
| HK0823732-069 | IMO1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 7 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 855587) | | | | | | | | |
| HK0823732-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 9 | 0.0 |
| HK0823732-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 8 | 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 | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 855584) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 91.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 855585) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 99.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 855586) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 93.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 855587) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.0 | ---- | 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

| | | | | | |
|---------------------|--|---------------------|---|-----------------------|------------------------|
| <i>Client</i> | : ERM HONG KONG | <i>Laboratory</i> | : ALS Technichem HK Pty Ltd | <i>Page</i> | : 1 of 5 |
| <i>Contact</i> | : MS KAREN LUI | <i>Contact</i> | : Wong Wai Man, Alice | <i>Work Order</i> | : HK0822950 |
| <i>Address</i> | : 21/F, LINCOLN HOUSE, 979 KING'S ROAD, TAIKOO PLACE, ISLAND EAST, QUARRY BAY, HONG KONG | <i>Address</i> | : 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong | | |
| <i>E-mail</i> | : Karen.Lui@erm.com | <i>E-mail</i> | : Alice.Wong@alsenviro.com | | |
| <i>Telephone</i> | : +852 2271 3000 | <i>Telephone</i> | : +852 2610 1044 | | |
| <i>Facsimile</i> | : +852 2723 5660 | <i>Facsimile</i> | : +852 2610 2021 | | |
| <i>Project</i> | : EM&A FOR THE PERMANENT AVIATION FUEL FACILITY | <i>Quote number</i> | : --- | <i>Date received</i> | : 31-DEC-2008 |
| <i>Order number</i> | : --- | | | <i>Date of issue</i> | : 06-JAN-2009 |
| <i>C-O-C number</i> | : --- | | | <i>No. of samples</i> | - <i>Received</i> : 74 |
| <i>Site</i> | : --- | | | | - <i>Analysed</i> : 74 |

Report Comments

This report for ALS Technichem (HK) Pty Ltd work order reference HK0822950 supersedes any previous reports with this reference. The completion date of analysis is 03-JAN-2009. 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 HK0822950 : **Sample(s) were collected by ALS Technichem (HK) staff on 31 December, 2008.**
Water sample(s) analysed and reported on an as received basis.

This report may not be reproduced except with prior written approval from ALS Technichem (HK) Pty Ltd.

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 Hona Kona. Chapter 553. Section 6.

| <i>Signatory</i> | <i>Position</i> | <i>Authorised results for:-</i> |
|------------------------|-----------------|---------------------------------|
| Fung Lim Chee, Richard | General Manager | Inorganics |

ALS Laboratory Group

Trading Name: **ALS Technichem (HK) Pty Ltd**

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong
Tel: +852 2610 1044 Fax: +852 2610 2021 www.alsenviro.com

A Campbell Brothers Limited Company



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: 855580) | | | | | | | | |
| HK0822950-001 | MP S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 6 | 6 | 0.0 |
| HK0822950-013 | MPB2 S ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 10 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 855581) | | | | | | | | |
| HK0822950-023 | IMO1 B ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 8 | 0.0 |
| HK0822950-045 | C2 (NM5) M ME | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 10 | 9 | 12.1 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 855582) | | | | | | | | |
| HK0822950-057 | MPB1 M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 7 | 0.0 |
| HK0822950-067 | IMO1 S MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 8 | 9 | 0.0 |
| EA/ED: Physical and Aggregate Properties (QC Lot: 855583) | | | | | | | | |
| HK0822950-077 | IMO2 B MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 7 | 6 | 19.0 |
| HK0822950-099 | C3 (NM6) M MF | EA025: Suspended Solids (SS) | ---- | 1 | mg/L | 9 | 8 | 18.9 |

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 | | | | | |
|---|------------|-----|--------------------------|--------|---------------------|--|------|---------------------|------|----------|---------------|
| Method: Compound | CAS Number | LOR | Unit | Result | Spike Concentration | Spike Recovery (%) | | Recovery Limits (%) | | RPDs (%) | |
| | | | | | | LCS | DCS | Low | High | Value | Control Limit |
| EA/ED: Physical and Aggregate Properties (QCLot: 855580) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 99.0 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 855581) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 98.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 855582) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 93.5 | ---- | 85 | 115 | ---- | ---- |
| EA/ED: Physical and Aggregate Properties (QCLot: 855583) | | | | | | | | | | | |
| EA025: Suspended Solids (SS) | ---- | 2 | mg/L | <2 | 20 mg/L | 103 | ---- | 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.