RS 7/19/13

M.E. Environmental Laboratories, LLC
1794 Army Drive - Suite 301 - Dededo, Guam 96929
Office & Fax: 671-969-2160 - 671-788-8321

October 27, 2010

Mr. Sonne Alston
Guam Shipyard
P.O. Box 13010 (Naval Activities)
Santa Rita, GU 96915-3010

Hello Mr. Alston

I am pleased to submit the following Certificates of Analysis for 1 sample submitted on 08/31/2010 for NPDES analysis.
Please note that Total Cyanide, & Metals analysis were run by MWH Laboratories.

We thank you for using MEELABS and look forward to working with you again. Should you have any questions, problems with the results in this report, or need further assistance, please feel free to call me anytime.

Sincerely,

Ralph E. Burpee
Laboratory & Operations Manager
rburpee@meelabs.com
671-969-2160
671-788-8321

Attachments:
Certificate of Analysis
Subcontractor Report
Chain of Custody
Invoice

M.E. Environmental Laboratories, LLC
JRV Commercial Building - 1794 Army Drive - Suite 301 - Dededo, GU 96929
Phone: 671-969-2160 Email: meelabs@gmail.com

CERTIFICATE OF ANALYSIS

Report ME1009019
GSY - Haz Wst

Guam Shipyard
Santa Rita, GU 96915-3010
PO Box 13010 (NAVACTS),Bldg 20 COMNAVMAR
Attention: Sonne Alston

Laboratory ID: ME1009019-01
Site ID: HZTWST Stg Lot
Received Date & Time: 8/31/2010 11:36:00 AM
Matrix: Aqueous
Collection Date: 8/31/2010
Collection Time: 10:30 AM

Parameter	Method	Result	Units	RL	QL	Analysis Date
COD	EPA 410.1	9.25	mg/L	5.00	5.00	9/6/2010
Cyanide	EPA 335.4	ND	mg/L	0.10	0.10	9/17/2010
Selenium	EPA 200.8	ND	ug/L	1.0	1.0	9/17/2010
Lead	EPA 200.8	1.10	ug/L	0.50	0.50	9/17/2010
Magnesium	EPA 200.8	0.330	ug/L	250	250	9/17/2010
Cadmium	EPA 200.8	ND	ug/L	0.50	0.50	9/17/2010
Silver	EPA 200.8	ND	ug/L	2.0	2.0	9/17/2010
Mercury	EPA 245.1	ND	mg/kg	0.083	0.083	9/17/2010
Ammonia	EPA 350.3	ND	mg/L	0.1		8/31/2010

Approved by: _____ Date: 10/27/10

ME1008-024-ATW

(1009019)

Guam Shipyard ♦ P.O. Box 13010 (Naval Activities) Santa Rita, Guam 96915-3010
♦ Tel: (671) 339-6557 ♦ Fax: (671) 339-3610

ENVIRONMENTAL DEPARTMENT

CUSTODY RECORDS

CUSTOMER:	NPDES GUR05A267	**DATE:**	31-Aug-10	**SERIAL NUMBER:** ENV083110-1
REQUEST NUMBER:	GSY ENV083110-1	**TIME:**		
		Additional Information:		
POINT OF CONTACT:	GSY Environmental			
671 339 6557,	salston@guamshipyard.net			

SAMPLE NUMBER:	SAMPLE METHOD	SAMPLE DESCRIPTION	CONTAINER TYPE	MATRIX		REQUIRED ANALYSIS
HAZWST STG LOT	GRAB	STORMWATER DISCHARGE	P/G	Rainwater		Ammonia,COD,Total Cyanide, Total
						Magnesium, Total Mercury, Total
						Selenium, Total Cadmium, Total Lead,
						Total Silver

REMARKS:

CHAIN OF CUSTODY

	PHONE NO.	CUSODY TURN-OVER		DATE:	TIME:
SAMPLER: S. Alston	339 6557			31-Aug-10	~~1630~~
CUSTODIAN:					
CUSTODIAN:					

Received by: Koa Ruecca
TIME: 11:36
DATE: 8/31/10

ME1009019

M.E. Environmental Laboratories, LLC

Sample Receiving Check List

LIMS: ME1008024

Client: Guam Shipyard Contact: Sonne A. Received By: Kaa R.

Address: existing client

Number: 339-6557 email: Date & Time: 8/31/10 / 11:36

Cooler Review:		Client Sample ID	Comments
Client Cooler: ____ MEELABS Cooler: X Other: ____			Received chilling & on ice
Shipping containers intact & sealed? N/A	Yes/No		from field; hand carry.
Were cooler temperatures measured at <6 ° C? N/A	Yes/No		
Are Custody Seals present and intact? N/A			
Cooler # ____ Temp ____°C			
Chain of Custody Review:			
Are these regulatory (NPDES) samples?	Yes/(No)		
Is pH requested? NO			
Was Client informed that hold time is 15 min.?	Yes/No		
Continue Yes/No			
Was Orthophosphate filtered within 15 min?	Yes/No		
Continue Yes/No			
Samples received within holding time?	(Yes)/No		
Are any samples in danger of exceeding holding-time?	Yes/(No)		
Sample IDs / date & time of collection provided?	(Yes)/No		
Is matrix listed and correct?	(Yes)/No		
Client informed of analyses to be subcontracted?	(Yes)/No		
Is COC signed and dated by both client and sample custodian?	(Yes)/No		
TAT requested available?	(Yes)/No		
Sample Bottle Review:			
Chain of custody match bottle labels?	(Yes)/No		
Date & Time listed?	Yes/(No)		Time not listed
Any broken/damaged bottles?	Yes/(No)		
Is there enough sample volume in proper bottle for requested analysis?	(Yes)/No		
Any samples to be transferred to proper bottle?	Yes/(No)		
Proper preservatives?	(Yes)/No		
Are VOA vials free of headspace? N/A	Yes/No		

Additional Comments:

Signature Kaa Rivera

All non-compliance issues/discrepancies will be forwarded to Lab Manager.

MWH
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750 Royal Oak Dr., Suite 100
Monrovia, California, 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

M.E. Environmental Labs, LLC
1794 Army Drive, Suite 301
Dededo, 96929
Attention: Ralph Burpee
Fax: 671-969-2160

Date of Issue
09/27/2010
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

Report#: 343530
Project: UIC
Group: Permit Monitoring

DST: David S Tripp
Project Manager

Laboratory certifies that the test results meet all NELAC requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Hits Reports, Comments, QC Summary, QC Report and Regulatory Forms. This report shall not be reproduced except in full, without the written approval of the laboratory.

MWH Laboratories
750 Royal Oaks Drive Suite 100, Monrovia, Ca 91016
Phone 626-386-1100/Fax: 626-386-1101

Acknowledgement of Samples Received

M.E. Environmental Labs, LLC
1794 Army Drive, Suite 301
Dededo96929
Attn: Ralph Burpee
Phone: 671-969-2160

Customer Code: MEEL-GU
Group #: 343530
Project #: UIC
Sample Group: Permit Monitoring
Project Manager: David S Tripp
Phone: (626) 386-1158

The following samples were received from you on **September 14, 2010.** They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample #	Sample Id			Sample Date
201009150008	ME1008024-01			30-Aug-2010 1030
	Cadmium Total ICAP/MS	Cyanide by manual distillation	Lead Total ICAP/MS	
	Magnesium Total ICAP	Mercury	Selenium Total ICAP/MS	
	Silver Total ICAP/MS			
201009150009	ME1009001-01			31-Aug-2010 1427
	Boron Total ICAP	Lead Total ICAP/MS	Nitrate + Nitrite as N by RFA	

Test Description

2°ON ICE

343530

Chain of Custody (General Sampling)

M.E. Environmental Laboratories, LLC

1794 Army Drive (Rt 16) - Suite 301, Dededo, Guam 96929
(p) (671) 969-2160 (f) (671) 969-2160 email : samplreceiving@meelabs.com

Print Form | Submit by Email

Page 1 of 1

Client Code: | Client: | Project:

Lims No.: | Project Manager: Ralph E. Burpee | Phone Number: 671-969-2160

E-mail: meelabs@gmail.com | Fax Number: 671-969-2160

	Customer Sample ID # or Sample Name	Date Sampled	Time Sampled	# of Cont.	Type of Bottle	Grab - Comp	Matrix	Analysis Required (Method #): Cyanide, Magnesium, Mercury,	Selenium, Cadmium, Lead & Silver	NO3-N/Pb/B				
1	ME1008024-01	08/31/10	10:30	2	plastic	G	Strm Wtr	X	X					
2	ME1009001-01	09/01/10	14:27	2	plastic	G	Strm Wtr			X				
3														
4														
5														
6														
7														
8														
9														
10														

3/14

Sampler(s): Print & Sign

Shipment Method: FedEx

Required Turnaround Time: (Check Box)
☐ Std 14 day ☐ 7 days ☐ 72 hr Rush ☒ 48 hr Rush ☐ 24 hr Rush

Relinquished by: Kea Rivera	Kea Hanna C. Rivera	Date: 09/13/10	Time: 09:38	Received by: 10:15
Relinquished by:		Date: 9-14-10	Time: 1138	Received by: Joe Sanchez
Logged by (Laboratory):		Date:	Time:	Logged by (Laboratory):

Cooler Temp.:

☒ Lvl 2 - Std QC
☐ Lvl 3 - Std QC/Raw Data
☐ Lvl 4 - SW846/CLP Style
☐ Other:

Notes:

COMMERCIAL INVOICE

(Please complete in print)

INTERNATIONAL AIR WAYBILL NO. 865843338245

(NOTE: All shipments must be accompanied by a FedEx International Air Waybill)

DATE OF EXPORTATION: 9/13/10

SHIPPER'S EXPORT REFERENCES (i.e., order no., invoice no.)

SHIPPER / EXPORTER (complete name, address, telephone, Business Registration No./ Customs / Tax ID No. e.g. GST / RFC / VAT / IN / EIN / ABN / SSN, or as locally required)

APEC
288 W. O'Brien Drive
Hagatna, GU 96910
Ralph Burpee - 671-969-2160

CONSIGNEE (complete name, address, telephone, Business Registration No./ Customs / Tax ID No. e.g. GST / RFC / VAT / IN / EIN / ABN / SSN, or as locally required)

MWH Laboratories
750 Royal Oaks - # 100
Monrovia, CA 91016
Sample Receiving - 1800 566-LABS

COUNTRY OF EXPORT: Guam - USA

IMPORTER - IF OTHER THAN CONSIGNEE (complete name, address and telephone)

REASON FOR EXPORT (e.g. personal gift, return for repair): Water Samples for Lab Analysis

COUNTRY OF ULTIMATE DESTINATION: USA

COUNTRY OF ORIGIN	MARKS/NOS.	NO. OF PKGS	TYPE OF PACKAGING	FULL DESCRIPTION OF GOODS To assist clearance times & reduce delay, the description should answer: What is it? What is it made of? What is it used for? What is it a component of? e.g.: Ladies' 100% Silk Knitted Blouse	HS CODE	QTY.	UNIT OF MEASURE e.g. pieces, units, set	WEIGHT lb / kg	UNIT VALUE currency	TOTAL VALUE
USA		1	Cooler	Water Samples for Lab Analysis		3	125ml Plastic Bottles		0.10	0.30
						1	250ml Plastic Bottle		0.10	0.10
				cx Not For Human Consumption						$1.00
		TOTAL PKGS: 1						TOTAL WEIGHT	CURRENCY	TOTAL INVOICE VALUE: $1.40
									USD	0.40

Payment Method: L/C, T/T, Divers (Check if applicable)

Check one: F.O.B., C & F, C.I.F.

I DECLARE ALL THE INFORMATION CONTAINED IN THE INVOICE TO BE TRUE AND CORRECT.

SIGNATURE OF SHIPPER / EXPORTER

DATE: 9/13/10

NAME (PLEASE PRINT): Ralph Burpee

TITLE (PLEASE PRINT): Lab Manager

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750 Royal Oak Dr., Suite 100
Monrovia, California, 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory
Hits Report: 343530

M.E. Environmental Labs, LLC
Ralph Burpee
1794 Army Drive, Suite 301
Dededo, 96929

Samples Received on:
09/14/2010

Analyzed	Analyte	Sample ID	Result	Federal MCL	Units	MRL
		201009150008 **ME1008024-01**				
09/17/2010	18:24 Lead Total ICAP/MS		1.1	15	ug/L	0.5
09/17/2010	12:42 Magnesium Total ICAP		0.33		mg/L	0.1
		201009150009 **ME1009001-01**				
09/17/2010	18:23 Lead Total ICAP/MS		1.4	15	ug/L	0.5

SUMMARY OF POSITIVE DATA ONLY

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Laboratory Data
Report: 343530

M.E. Environmental Labs, LLC
Ralph Burpee
1794 Army Drive, Suite 301
Dededo, 96929

Samples Received on:
09/14/2010

Prepared	Analyzed	QC Ref #	Method	Analyte	Result	Units	MRL	Dilution
ME1008024-01 (201009150008)						**Sampled on 08/30/2010 1030**		
			EPA 200.8 - ICPMS Metals					
	09/17/2010	18:24	569555 (EPA 200.8)	Cadmium Total ICAP/MS	ND	ug/L	0.5	1
	09/17/2010	18:24	569555 (EPA 200.8)	Lead Total ICAP/MS	1.1	ug/L	0.5	1
	09/17/2010	18:24	569555 (EPA 200.8)	Selenium Total ICAP/MS	ND	ug/L	5	1
	09/17/2010	18:24	569555 (EPA 200.8)	Silver Total ICAP/MS	ND	ug/L	0.5	1
			EPA 200.7 - ICP Metals					
	09/17/2010	12:42	569532 (EPA 200.7)	Magnesium Total ICAP	0.33	mg/L	0.1	1
			EPA 245.1 - Mercury					
9/17/2010	09/17/2010	14:39	569621 (EPA 245.1)	Mercury	ND	ug/L	0.2	1
			EPA 335.4 - Cyanide by manual distillation					
9/16/2010	09/17/2010	01:19	569575 (EPA 335.4)	Cyanide by manual distillation	ND	mg/L	0.005	1
ME1009001-01 (201009160009)						**Sampled on 08/31/2010 1427**		
			EPA 353.2 - Nitrate + Nitrite as N by RFA					
	09/16/2010	07:10	569105 (EPA 353.2)	Nitrate + Nitrite as N by RFA	ND	mg/L	0.05	1
			EPA 200.8 - ICPMS Metals					
	09/17/2010	18:23	569555 (EPA 200.8)	Lead Total ICAP/MS	1.4	ug/L	0.5	1
			EPA 200.7 - ICP Metals					
	09/17/2010	12:37	569532 (EPA 200.7)	Boron Total ICAP	ND	mg/L	0.05	1

Rounding on totals after summation
(c) - indicates calculated results

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Laboratory Comments
Report: #343530

M.E. Environmental Labs, LLC
Ralph Burpee
1794 Army Drive, Suite 301
Dededo, 96929

The Comments Report may be blank if there are no comments for this report.

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M.E. Environmental Labs, LLC

QC Ref # 569105 - Nitrate + Nitrite as N by RFA — **Analysis Date: 09/15/2010**

201009150009	ME1009001-01	Analyzed by: YXP

QC Ref # 569532 - ICP Metals — **Analysis Date: 09/17/2010**

201009150008	ME1008024-01	Analyzed by: NINA
201009150009	ME1009001-01	Analyzed by: NINA

QC Ref # 569621 - Mercury — **Analysis Date: 09/17/2010**

201009150008	ME1008024-01	Analyzed by: AAO

QC Ref # 569655 - ICPMS Metals — **Analysis Date: 09/17/2010**

201009150008	ME1008024-01	Analyzed by: VXT
201009150009	ME1009001-01	Analyzed by: VXT

QC Ref # 569675 - Cyanide by manual distillation — **Analysis Date: 09/17/2010**

201009150008	ME1008024-01	Analyzed by: MCE

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Laboratory
QC Report: 343530

M.E. Environmental Labs, LLC

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 569105 - Nitrate + Nitrite as N by RFA by EPA 353.2						**Analysis Date: 09/15/2010**			
LCS1	Nitrate + Nitrite as N by RFA		1.0	1.07	mg/L	107	(90-110)		
LCS2	Nitrate + Nitrite as N by RFA		1.0	1.03	mg/L	103	(90-110)	20	3.8
MBLK	Nitrate + Nitrite as N by RFA			<0.03	mg/L				
MRL_CHK	Nitrate + Nitrite as N by RFA		0.05	0.0276	mg/L	55	(50-150)		
MS_201009110043	Nitrate + Nitrite as N by RFA	ND	1.0	1.06	mg/L	105	(90-110)		
MSD_201009110043	Nitrate + Nitrite as N by RFA	ND	1.0	1.04	mg/L	101	(90-110)	20	3.9
QC Ref# 569532 - ICP Metals by EPA 200.7						**Analysis Date: 09/17/2010**			
LCS1	Boron Total ICAP		0.5	0.509	mg/L	102	(85-115)		
LCS2	Boron Total ICAP		0.5	0.508	mg/L	102	(85-115)	20	0.0
MBLK	Boron Total ICAP			<0.05	mg/L				
MRL_CHK	Boron Total ICAP		0.05	0.0539	mg/L	108	(50-150)		
MS_201009090343	Boron Total ICAP	ND	0.5	0.537	mg/L	103	(70-130)		
MS2_201009090346	Boron Total ICAP	0.20	0.5	0.743	mg/L	108	(70-130)		
MSD_201009090343	Boron Total ICAP	ND	0.5	0.531	mg/L	102	(70-130)	20	0.96
MSD2_201009090346	Boron Total ICAP	0.20	0.5	0.725	mg/L	104	(70-130)	20	3.8
LCS1	Calcium Total ICAP		50	51.3	mg/L	103	(85-115)		
LCS2	Calcium Total ICAP		50	52.7	mg/L	105	(85-115)	20	2.7
MBLK	Calcium Total ICAP			<1	mg/L				
MRL_CHK	Calcium Total ICAP		1.0	1.05	mg/L	105	(50-150)		
MS_201009090343	Calcium Total ICAP	53	50	107	mg/L	108	(70-130)		
MS2_201009090346	Calcium Total ICAP	65	50	117	mg/L	103	(70-130)		
MSD_201009090343	Calcium Total ICAP	53	50	106	mg/L	106	(70-130)	20	1.9
MSD2_201009090346	Calcium Total ICAP	65	50	116	mg/L	106	(70-130)	20	2.9
LCS1	Iron Total ICAP		5.0	5.17	mg/L	103	(85-115)		
LCS2	Iron Total ICAP		5.0	5.00	mg/L	100	(85-115)	20	3.3
MBLK	Iron Total ICAP			<0.02	mg/L				
MRL_CHK	Iron Total ICAP		0.02	0.0223	mg/L	112	(50-150)		
MS_201009090343	Iron Total ICAP	0.62	5.0	5.68	mg/L	101	(70-130)		
MS2_201009090346	Iron Total ICAP	0.23	5.0	5.44	mg/L	104	(70-130)		
MSD_201009090343	Iron Total ICAP	0.62	5.0	5.73	mg/L	102	(70-130)	20	0.99
MSD2_201009090346	Iron Total ICAP	0.23	5.0	5.49	mg/L	105	(70-130)	20	0.98
LCS1	Magnesium Total ICAP		20	20.7	mg/L	103	(85-115)		
LCS2	Magnesium Total ICAP		20	21.2	mg/L	106	(85-115)	20	2.4
MBLK	Magnesium Total ICAP			<0.1	mg/L				
MRL_CHK	Magnesium Total ICAP		0.1	0.105	mg/L	105	(50-150)		
MS_201009090343	Magnesium Total ICAP	19	20	40.7	mg/L	109	(70-130)		

Spike recovery is already corrected for native results.
Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and Dup are advisory only, batch control is based on LCS or CCC. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
(I) Indicates internal standard compound.
RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Laboratory
QC Report: 343530

M.E. Environmental Labs, LLC
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MS2_201009090346	Magnesium Total ICAP	19	20	39.9	mg/L	105	(70-130)		
MSD_201009090343	Magnesium Total ICAP	19	20	40.5	mg/L	108	(70-130)	20	0.92
MSD2_201009090346	Magnesium Total ICAP	19	20	40.2	mg/L	106	(70-130)	20	0.95
LCS1	Potassium Total ICAP		20	20.2	mg/L	101	(85-115)		
LCS2	Potassium Total ICAP		20	20.1	mg/L	100	(85-115)	20	0.50
MBLK	Potassium Total ICAP			<1	mg/L				
MRL_CHK	Potassium Total ICAP		1.0	1.03	mg/L	103	(50-150)		
MS_201009090343	Potassium Total ICAP	2.5	20	23.2	mg/L	104	(70-130)		
MS2_201009090346	Potassium Total ICAP	7.3	20	27.9	mg/L	103	(70-130)		
MSD_201009090343	Potassium Total ICAP	2.5	20	23.2	mg/L	104	(70-130)	20	0 0
MSD2_201009090346	Potassium Total ICAP	7.3	20	28.5	mg/L	106	(70-130)	20	2.9
LCS1	Silica		21	22.9	mg/L	107	(85-115)		
LCS2	Silica		21	22.3	mg/L	104	(85-115)	20	2.6
MBLK	Silica			<0.5	mg/L				
MRL_CHK	Silica		0.5	0.432	mg/L	86	(50-150)		
MS_201009090343	Silica	19	21	42.1	mg/L	110	(70-130)		
MS2_201009090346	Silica	28	21	50.8	mg/L	106	(70-130)		
MSD_201009090343	Silica	19	21	42.1	mg/L	110	(70-130)	20	0.0
MSD2_201009090346	Silica	28	21	51.6	mg/L	110	(70-130)	20	3.7
LCS1	Sodium Total ICAP		50	51.2	mg/L	102	(85-115)		
LCS2	Sodium Total ICAP		50	52.4	mg/L	105	(85-115)	20	2.3
MBLK	Sodium Total ICAP			<1	mg/L				
MRL_CHK	Sodium Total ICAP		1.0	1.06	mg/L	106	(50-150)		
MS_201009090343	Sodium Total ICAP	11	50	65.1	mg/L	107	(70-130)		
MS2_201009090346	Sodium Total ICAP	75	50	127	mg/L	105	(70-130)		
MSD_201009090343	Sodium Total ICAP	11	50	64.6	mg/L	106	(70-130)	20	0.94
MSD2_201009090346	Sodium Total ICAP	75	50	129	mg/L	106	(70-130)	20	2.6
QC Ref# 569621 - Mercury by EPA 245.1						**Analysis Date: 09/17/2010**			
LCS1	Mercury		1.5	1.46	ug/L	97	(85-115)		
LCS2	Mercury		1.5	1.57	ug/L	105	(85-115)	20	7.3
MBLK	Mercury			<0.2	ug/L				
MRL_CHK	Mercury		0.2	0.207	ug/L	103	(50-150)		
MS_201009150081	Mercury	ND	1.5	1.54	ug/L	102	(70-130)		
MS2_201009150729	Mercury	ND	1.5	1.55	ug/L	103	(70-130)		
MSD_201009150081	Mercury	ND	1.5	1.47	ug/L	97	(70-130)	20	4.8
MSD2_201009150729	Mercury	ND	1.5	1.5	ug/L	99	(70-130)	20	3.6

Spike recovery is already corrected for native results.
Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and Dup are advisory only, batch control is based on LCS or CCC. Criteria for duplicates are advisory only, unless otherwise specified in the method.
(S) Indicates surrogate compound.
(I) Indicates internal standard compound.
RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for DUplicates when the result is not five times the MRL (Minimum Reporting Level)

MWH
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Laboratory
QC Report: 343630

M.E. Environmental Labs, LLC
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
QC Ref# 569655 - ICPMS Metals by EPA 200.8					Analysis Date: 09/17/2010				
LCS1	Antimony Total ICAP/MS		50	46.9	ug/L	94	(85-115)		
LCS2	Antimony Total ICAP/MS		50	46.3	ug/L	93	(85-115)	20	1.3
MBLK	Antimony Total ICAP/MS			<1	ug/L				
MRL_CHK	Antimony Total ICAP/MS		1.0	0.998	ug/L	100	(50-150)		
MS_201009140044	Antimony Total ICAP/MS	ND	50	46.3	ug/L	92	(70-130)		
MS2_201009140383	Antimony Total ICAP/MS	ND	50	46.9	ug/L	93	(70-130)		
MSD_201009140044	Antimony Total ICAP/MS	ND	50	46.3	ug/L	92	(70-130)	20	0.0
MSD2_201009140383	Antimony Total ICAP/MS	ND	50	47.1	ug/L	94	(70-130)	20	0.43
LCS1	Arsenic Total ICAP/MS		20	19.1	ug/L	95	(85-115)		
LCS2	Arsenic Total ICAP/MS		20	19.1	ug/L	96	(85-115)	20	0.0
MBLK	Arsenic Total ICAP/MS			<1	ug/L				
MRL_CHK	Arsenic Total ICAP/MS		1.0	0.999	ug/L	100	(50-150)		
MS_201009140044	Arsenic Total ICAP/MS	1.7	20	21.3	ug/L	98	(70-130)		
MS2_201009140383	Arsenic Total ICAP/MS	1.3	20	20.6	ug/L	97	(70-130)		
MSD_201009140044	Arsenic Total ICAP/MS	1.7	20	21.1	ug/L	97	(70-130)	20	1.2
MSD2_201009140383	Arsenic Total ICAP/MS	1.3	20	20.8	ug/L	98	(70-130)	20	0.93
LCS1	Barium Total ICAP/MS		100	92.0	ug/L	92	(85-115)		
LCS2	Barium Total ICAP/MS		100	91.1	ug/L	91	(85-115)	20	0.96
MBLK	Barium Total ICAP/MS			<2	ug/L				
MRL_CHK	Barium Total ICAP/MS		2.0	1.75	ug/L	88	(50-150)		
MS_201009140044	Barium Total ICAP/MS	46	100	140	ug/L	94	(70-130)		
MS2_201009140383	Barium Total ICAP/MS	30	100	119	ug/L	89	(70-130)		
MSD_201009140044	Barium Total ICAP/MS	46	100	140	ug/L	94	(70-130)	20	0.11
MSD2_201009140383	Barium Total ICAP/MS	30	100	117	ug/L	87	(70-130)	20	2.2
LCS1	Beryllium Total ICAP/MS		5.0	4.77	ug/L	95	(85-115)		
LCS2	Beryllium Total ICAP/MS		5.0	4.65	ug/L	93	(85-115)	20	2.5
MBLK	Beryllium Total ICAP/MS			<1	ug/L				
MRL_CHK	Beryllium Total ICAP/MS		1.0	0.946	ug/L	95	(50-150)		
MS_201009140044	Beryllium Total ICAP/MS	ND	5.0	4.73	ug/L	95	(70-130)		
MS2_201009140383	Beryllium Total ICAP/MS	ND	5.0	4.41	ug/L	88	(70-130)		
MSD_201009140044	Beryllium Total ICAP/MS	ND	5.0	4.51	ug/L	90	(70-130)	20	5.0
MSD2_201009140383	Beryllium Total ICAP/MS	ND	5.0	4.76	ug/L	95	(70-130)	20	6.1
LCS1	Cadmium Total ICAP/MS		20	19.7	ug/L	99	(85-115)		
LCS2	Cadmium Total ICAP/MS		20	19.5	ug/L	98	(85-115)	20	1.0
MBLK	Cadmium Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Cadmium Total ICAP/MS		0.5	0.510	ug/L	102	(50-150)		

Spike recovery is already corrected for native results.
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RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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M.E. Environmental Labs, LLC
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MS_201009140044	Cadmium Total ICAP/MS	ND	20	19.5	ug/L	97	(70-130)		
MS2_201009140383	Cadmium Total ICAP/MS	ND	20	19.5	ug/L	97	(70-130)		
MSD_201009140044	Cadmium Total ICAP/MS	ND	20	19.4	ug/L	97	(70-130)	20	0.31
MSD2_201009140383	Cadmium Total ICAP/MS	ND	20	19.8	ug/L	98	(70-130)	20	0.41
LCS1	Chromium Total ICAP/MS		100	102	ug/L	102	(85-115)		
LCS2	Chromium Total ICAP/MS		100	102	ug/L	102	(85-115)	20	0.0
MBLK	Chromium Total ICAP/MS			<1	ug/L				
MRL_CHK	Chromium Total ICAP/MS		1.0	1.09	ug/L	109	(50-150)		
MS_201009140044	Chromium Total ICAP/MS	ND	100	105	ug/L	104	(70-130)		
MS2_201009140383	Chromium Total ICAP/MS	ND	100	105	ug/L	105	(70-130)		
MSD_201009140044	Chromium Total ICAP/MS	ND	100	104	ug/L	103	(70-130)	20	0.97
MSD2_201009140383	Chromium Total ICAP/MS	ND	100	109	ug/L	109	(70-130)	20	2.8
LCS1	Copper Total ICAP/MS		100	91.7	ug/L	92	(85-115)		
LCS2	Copper Total ICAP/MS		100	94.9	ug/L	95	(85-115)	20	3.4
MBLK	Copper Total ICAP/MS			<2	ug/L				
MRL_CHK	Copper Total ICAP/MS		2.0	1.95	ug/L	98	(50-150)		
MS_201009140044	Copper Total ICAP/MS	6.8	100	97.6	ug/L	91	(70-130)		
MS2_201009140383	Copper Total ICAP/MS	39	100	130	ug/L	91	(70-130)		
MSD_201009140044	Copper Total ICAP/MS	6.8	100	97.1	ug/L	90	(70-130)	20	0.55
MSD2_201009140383	Copper Total ICAP/MS	39	100	134	ug/L	94	(70-130)	20	3.7
LCS1	Lead Total ICAP/MS		20	19.4	ug/L	97	(85-115)		
LCS2	Lead Total ICAP/MS		20	19.3	ug/L	97	(85-115)	20	0.52
MBLK	Lead Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Lead Total ICAP/MS		0.5	0.490	ug/L	98	(50-150)		
MS_201009140044	Lead Total ICAP/MS	ND	20	19.4	ug/L	96	(70-130)		
MS2_201009140383	Lead Total ICAP/MS	ND	20	19.0	ug/L	95	(70-130)		
MSD_201009140044	Lead Total ICAP/MS	ND	20	19.3	ug/L	96	(70-130)	20	0.10
MSD2_201009140383	Lead Total ICAP/MS	ND	20	19.8	ug/L	98	(70-130)	20	3.2
LCS1	Manganese Total ICAP/MS		50	49.8	ug/L	100	(85-115)		
LCS2	Manganese Total ICAP/MS		50	50.7	ug/L	101	(85-115)	20	1.8
MBLK	Manganese Total ICAP/MS			<2	ug/L				
MRL_CHK	Manganese Total ICAP/MS		2.0	1.96	ug/L	98	(50-150)		
MS_201009140044	Manganese Total ICAP/MS	16	50	66.2	ug/L	100	(70-130)		
MS2_201009140383	Manganese Total ICAP/MS	7.5	50	57.6	ug/L	100	(70-130)		
MSD_201009140044	Manganese Total ICAP/MS	16	50	65.6	ug/L	99	(70-130)	20	0.90
MSD2_201009140383	Manganese Total ICAP/MS	7.5	50	60.8	ug/L	106	(70-130)	20	5.6
LCS1	Nickel Total ICAP/MS		50	44.6	ug/L	90	(85-115)		
LCS2	Nickel Total ICAP/MS		50	46.4	ug/L	93	(85-115)	20	3.5

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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Laboratory
QC Report: 343530

M.E. Environmental Labs, LLC
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
MBLK	Nickel Total ICAP/MS			<5	ug/L				
MRL_CHK	Nickel Total ICAP/MS		5.0	4.57	ug/L	92	(50-150)		
MS_201009140044	Nickel Total ICAP/MS	ND	50	47.6	ug/L	91	(70-130)		
MS2_201009140383	Nickel Total ICAP/MS	ND	50	47.0	ug/L	91	(70-130)		
MSD_201009140044	Nickel Total ICAP/MS	ND	50	47.0	ug/L	90	(70-130)	20	1.4
MSD2_201009140383	Nickel Total ICAP/MS	ND	50	50.0	ug/L	97	(70-130)	20	6.4
LCS1	Selenium Total ICAP/MS		20	19.5	ug/L	98	(85-115)		
LCS2	Selenium Total ICAP/MS		20	19.6	ug/L	98	(85-115)	20	0.51
MBLK	Selenium Total ICAP/MS			<5	ug/L				
MRL_CHK	Selenium Total ICAP/MS		5.0	5.00	ug/L	100	(50-150)		
MS_201009140044	Selenium Total ICAP/MS	ND	20	20.5	ug/L	102	(70-130)		
MS2_201009140383	Selenium Total ICAP/MS	ND	20	20.3	ug/L	96	(70-130)		
MSD_201009140044	Selenium Total ICAP/MS	ND	20	19.6	ug/L	99	(70-130)	20	3.4
MSD2_201009140383	Selenium Total ICAP/MS	ND	20	21.2	ug/L	103	(70-130)	20	4.6
LCS1	Silver Total ICAP/MS		50	50.5	ug/L	101	(85-115)		
LCS2	Silver Total ICAP/MS		50	50.7	ug/L	101	(85-115)	20	0.40
MBLK	Silver Total ICAP/MS			<0.5	ug/L				
MRL_CHK	Silver Total ICAP/MS		0.5	0.466	ug/L	98	(50-150)		
MS_201009140044	Silver Total ICAP/MS	ND	50	49.2	ug/L	98	(70-130)		
MS2_201009140383	Silver Total ICAP/MS	ND	50	49.7	ug/L	99	(70-130)		
MSD_201009140044	Silver Total ICAP/MS	ND	50	49.4	ug/L	99	(70-130)	20	0.41
MSD2_201009140383	Silver Total ICAP/MS	ND	50	50.7	ug/L	101	(70-130)	20	1.7
LCS1	Thallium Total ICAP/MS		20	19.0	ug/L	95	(85-115)		
LCS2	Thallium Total ICAP/MS		20	19.1	ug/L	96	(85-115)	20	0.53
MBLK	Thallium Total ICAP/MS			<1	ug/L				
MRL_CHK	Thallium Total ICAP/MS		1.0	0.980	ug/L	98	(50-150)		
MS_201009140044	Thallium Total ICAP/MS	ND	20	16.8	ug/L	94	(70-130)		
MS2_201009140383	Thallium Total ICAP/MS	ND	20	16.7	ug/L	94	(70-130)		
MSD_201009140044	Thallium Total ICAP/MS	ND	20	16.9	ug/L	94	(70-130)	20	0.74
MSD2_201009140383	Thallium Total ICAP/MS	ND	20	19.6	ug/L	96	(70-130)	20	4.5
LCS1	Uranium ICAP/MS		20	21.4	ug/L	107	(85-115)		
LCS2	Uranium ICAP/MS		20	21.4	ug/L	107	(85-115)	20	0.0
MBLK	Uranium ICAP/MS			<1	ug/L				
MRL_CHK	Uranium ICAP/MS		1.0	1.09	ug/L	109	(50-150)		
MS_201009140044	Uranium ICAP/MS	ND	20	21.9	ug/L	109	(70-130)		
MS2_201009140383	Uranium ICAP/MS	ND	20	23.2	ug/L	112	(70-130)		
MSD_201009140044	Uranium ICAP/MS	ND	20	22.0	ug/L	109	(70-130)	20	0.0
MSD2_201009140383	Uranium ICAP/MS	ND	20	23.9	ug/L	115	(70-130)	20	2.6

Spike recovery is already corrected for native results.
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RPD not calculated for LCS2 when different a concentration than LCS1 is used
RPD not calculated for Duplicates when the result is not five times the MRL (Minimum Reporting Level)

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Laboratory
QC Report: 343530

M.E. Environmental Labs, LLC
(continued)

QC Type	Analyte	Native	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPDLimit (%)	RPD%
LCS1	Zinc Total ICAP/MS		100	92.0	ug/L	92	(85-115)		
LCS2	Zinc Total ICAP/MS		100	93.2	ug/L	93	(85-115)	20	1.3
MBLK	Zinc Total ICAP/MS			<20	ug/L				
MRL_CHK	Zinc Total ICAP/MS		20	21.0	ug/L	105	(50-150)		
MS_201009140044	Zinc Total ICAP/MS	ND	100	93.8	ug/L	91	(70-130)		
MS2_201009140383	Zinc Total ICAP/MS	ND	100	90.4	ug/L	91	(70-130)		
MSD_201009140044	Zinc Total ICAP/MS	ND	100	96.4	ug/L	95	(70-130)	20	4.8
MSD2_201009140383	Zinc Total ICAP/MS	ND	100	102	ug/L	97	(70-130)	20	5.6
QC Ref# 569675 - Cyanide by manual distillation by EPA 335.4							**Analysis Date: 09/17/2010**		
LCS1	Cyanide by manual distillation		0.1	0.107	mg/L	107	(90-110)		
LCS2	Cyanide by manual distillation		0.1	0.105	mg/L	105	(90-110)	20	1.9
MBLK	Cyanide by manual distillation			<0.005	mg/L				
MRL_CHK	Cyanide by manual distillation		0.005	0.00540	mg/L	108	(50-150)		
MS_201009140434	Cyanide by manual distillation	ND	0.1	0.0928	mg/L	92	(90-110)		
MSD_201009140434	Cyanide by manual distillation	ND	0.1	0.0978	mg/L	97	(90-110)	20	5.2
RLHIGH	Cyanide by manual distillation		0.1	0.103	mg/L	103	(90-110)		
RLLOW	Cyanide by manual distillation		0.02	0.0206	mg/L	103	(90-110)		

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RS 7/19/13

DATE: 17/01/2013

SGS Oil, Gas and Chemicals
SGS Guam Inc
810 West Marine Corps. Drive
Hagatna, Guam 96910

GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Internal: GO13-00283.005

The results contained in this Analyst Report are for information purposes only, pending issuance of the Certificate of Analysis by an authorized signatory.

CLIENT ID :		PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	Barge: AFMD6		
SAMPLE SOURCE :	AFDM-6 Dry Dock		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	10/01/2013	RECEIVED :	10/01/2013
ANALYSED :	11/01/2013 - 17/01/2013	COMPLETED :	–
SAMPLE COMMENT :	The sample submitted in the 1 quart bottle contains 20% water and 80% Oil based on the visual appearance of the sample. Only the oil layer of the sample was analyzed on the parameters below.		
REPORT COMMENT :	Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Cleveland Flash Point (Open cup)	ASTM D92	166	°C	–	–
Water Content	ASTM D95	0.2	% (v/v)	–	–
Sediment By Extraction Content	ASTM D473	29.49	% (m/m)	–	–
Total Sulphur Content	ASTM D4294	0.590	% (m/m)	–	–
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		To Follow	mg/kg	–	–
Cadmium Content §		To Follow	mg/kg	–	–
Chromium Content		To Follow	mg/kg	–	–
Lead Content		To Follow	mg/kg	–	–
S Australia - PCB Content	ASTM D4059	To Follow	ppm (m/m)	–	–
Total Chlorine (Method B)	ASTM D5384	<1000	mg/kg	–	–

** End of Analytical Results **

§ - Analyte not in published method scope

DATE: 19/02/2013

SGS Oil, Gas and Chemicals
SGS Guam Inc.
810 West Marine Corps. Drive
Hagatna, Guam 96910

GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Internal: GO13-00333.012

The results contained in this Analyst Report are for information purposes only, pending issuance of the Certificate of Analysis by an authorized signatory.

CLIENT ID :	1600000051	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 268		
SAMPLE SOURCE :	Tank 8		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 14/02/2013	COMPLETED :	--
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	178	°F	--	--
Sediment By Extraction Content	ASTM D473	0.02	% (m/m)	--	--
Water Content	ASTM D95	0.0	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.440	% (m/m)	--	--
S2 - Elements in used Lube Oils and base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		To Follow	mg/kg	--	--
Cadmium Content §		To Follow	mg/kg	--	--
Chromium Content		To Follow	mg/kg	--	--
Lead Content		To Follow	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	To Follow	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	To Follow	mg/kg	--	--

**** End of Analytical Results ****

§ - Analyte not in published method scope

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DATE: 19/02/2013

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GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Internal: GO13-00333.011

The results contained in this Analyst Report are for information purposes only, pending issuance of the Certificate of Analysis by an authorized signatory.

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 286		
SAMPLE SOURCE :	Tank 7		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 15/02/2013	COMPLETED :	–
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Cleveland Flash Point (Open cup)	ASTM D92	112	°C	–	–
Sediment By Extraction Content	ASTM D473	0.08	% (m/m)	–	–
Water Content	ASTM D95	1.0	% (v/v)	–	–
Total Sulphur Content	ASTM D4294	0.390	% (m/m)	–	–
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		To Follow	mg/kg	–	–
Cadmium Content §		To Follow	mg/kg	–	–
Chromium Content		To Follow	mg/kg	–	–
Lead Content		To Follow	mg/kg	–	–
S Australia - PCB Content	ASTM D4059	To Follow	ppm (m/m)	–	–
Total Chlorine (Method B)	ASTM D5384	To Follow	mg/kg	–	–

§ - Analyte not in published method scope

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DATE: 19/02/2013

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GUAM SHIPYARD
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Internal: GO13-00333.010

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CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 286		
SAMPLE SOURCE :	Tank 6		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 15/02/2013	COMPLETED :	--
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	172	°F	--	--
Sediment By Extraction Content	ASTM D473	0.03	% (m/m)	--	--
Water Content	ASTM D95	0.2	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.370	% (m/m)	--	--
Sz - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		To Follow	mg/kg	--	--
Cadmium Content §		To Follow	mg/kg	--	--
Chromium Content		To Follow	mg/kg	--	--
Lead Content		To Follow	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	To Follow	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	To Follow	mg/kg	--	--

§ - Analyte not in published method scope

SGS Guam, Inc. | 810 West Marine Corps. Drive, Hagatna, Guam 96910 tel:+1(671)588-2922 www.sgs.com

DATE: 19/02/2013

SGS Oil, Gas and Chemicals
SGS Guam Inc.
810 West Marine Corps. Drive
Hagatna, Guam 96910

GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Internal: GO13-00333.009

The results contained in this Analyst Report are for information purposes only, pending issuance of the Certificate of Analysis by an authorized signatory.

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 286		
SAMPLE SOURCE :	Tank 5		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 14/02/2013	COMPLETED :	--
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Cleveland Flash Point (Open cup)	ASTM D92	110	°C	--	--
Sediment By Extraction Content	ASTM D473	0.18	% (m/m)	--	--
Water Content	ASTM D95	1.8	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.500	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		To Follow	mg/kg	--	--
Cadmium Content §		To Follow	mg/kg	--	--
Chromium Content		To Follow	mg/kg	--	--
Lead Content		To Follow	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	To Follow	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	To Follow	mg/kg	--	--

§ - Analyte not in published method scope

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DATE: 19/02/2013

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SGS Guam Inc.
810 West Marine Corps. Drive
Hagatna, Guam 96910

GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Internal: GO13-00333.007

The results contained in this Analyst Report are for information purposes only, pending issuance of the Certificate of Analysis by an authorized signatory.

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 286		
SAMPLE SOURCE :	Tank 4		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	06/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 15/02/2013	COMPLETED :	--
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	166	°F	--	--
Sediment By Extraction Content	ASTM D473	0.05	% (m/m)	--	--
Water Content	ASTM D95	0.4	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.300	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		To Follow	mg/kg	--	--
Cadmium Content §		To Follow	mg/kg	--	--
Chromium Content		To Follow	mg/kg	--	--
Lead Content		To Follow	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	To Follow	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	To Follow	mg/kg	--	--

§ - Analyte not in published method scope

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DATE: 19/02/2013

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SGS Guam Inc.
810 West Marine Corps. Drive
Hagatna, Guam 96910

GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Internal: GO13-00333.005

The results contained in this Analyst Report are for information purposes only, pending issuance of the Certificate of Analysis by an authorized signatory.

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 286		
SAMPLE SOURCE :	Tank 3		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 12/02/2013	COMPLETED :	-
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	172	°F	-	-
Sediment By Extraction Content	ASTM D473	0.07	% (m/m)	-	-
Water Content	ASTM D95	0.4	% (v/v)	-	-
Total Sulphur Content	ASTM D4294	0.380	% (m/m)	-	-
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		To Follow	mg/kg	-	-
Cadmium Content §		To Follow	mg/kg	-	-
Chromium Content		To Follow	mg/kg	-	-
Lead Content		To Follow	mg/kg	-	-
S Australia - PCB Content	ASTM D4059	To Follow	ppm (m/m)	-	-
Total Chlorine (Method B)	ASTM D5384	To Follow	mg/kg	-	-

§ - Analyte not in published method scope

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DATE: 19/02/2013

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SGS Guam Inc.
810 West Marine Corps. Drive
Hagatna, Guam 96910

GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Internal: GO13-00333.003

The results contained in this Analyst Report are for information purposes only, pending issuance of the Certificate of Analysis by an authorized signatory.

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 286		
SAMPLE SOURCE :	Tank 2		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 14/02/2013	COMPLETED :	–
REPORT COMMENT :	Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	176	°F	–	–
Sediment By Extraction Content	ASTM D473	0.02	% (m/m)	–	–
Water Content	ASTM D95	0.0	% (v/v)	–	–
Total Sulphur Content	ASTM D4294	0.310	% (m/m)	–	–
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		To Follow	mg/kg	–	–
Cadmium Content §		To Follow	mg/kg	–	–
Chromium Content		To Follow	mg/kg	–	–
Lead Content		To Follow	mg/kg	–	–
S Australia - PCB Content	ASTM D4059	To Follow	ppm (m/m)	–	–
Total Chlorine (Method B)	ASTM D5384	To Follow	mg/kg	–	–

§ - Analyte not in published method scope

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SGS

DATE: 19/02/2013

SGS Oil, Gas and Chemicals
SGS Guam Inc.
610 West Marine Corps. Drive
Hagatna, Guam 96910

GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Internal: GO13-00333.001

The results contained in this Analyst Report are for information purposes only, pending issuance of the Certificate of Analysis by an authorized signatory.

CLIENT ID :	1600000081	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 286		
SAMPLE SOURCE :	Tank 1		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 15/02/2013	COMPLETED :	-
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	204	°F	-	-
Sediment By Extraction Content	ASTM D473	0.10	% (m/m)	-	-
Water Content	ASTM D95	0.5	% (v/v)	-	-
Total Sulphur Content	ASTM D4294	0.200	% (m/m)	-	-
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		To Follow	mg/kg	-	-
Cadmium Content §		To Follow	mg/kg	-	-
Chromium Content		To Follow	mg/kg	-	-
Lead Content		To Follow	mg/kg	-	-
S Australia - PCB Content	ASTM D4059	To Follow	ppm (m/m)	-	-
Total Chlorine (Method B)	ASTM D5384	To Follow	mg/kg	-	-

§ - Analyte not in published method scope

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DATE: 19/02/2013

SGS Oil, Gas and Chemicals
SGS Guam Inc.
810 West Marine Corps. Drive
Hagatna, Guam 96910

GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Internal: GO13-00333.008

The results contained in this Analyst Report are for information purposes only, pending issuance of the Certificate of Analysis by an authorized signatory.

CLIENT ID :	1800000051	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	GS4: Fuel Barge		
SAMPLE SOURCE :	Tank 4		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED .	11/02/2013 - 15/02/2013	COMPLETED :	--
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	186	°F	--	--
Sediment By Extraction Content	ASTM D473	0.05	% (m/m)	--	--
Water Content	ASTM D95	0.2	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.380	% (m/m)	--	--
S2 : Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		To Follow	mg/kg	--	--
Cadmium Content §		To Follow	mg/kg	--	--
Chromium Content		To Follow	mg/kg	--	--
Lead Content		To Follow	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	To Follow	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	To Follow	mg/kg	--	--

§ - Analyte not in published method scope

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DATE: 19/02/2013

SGS Oil, Gas and Chemicals
SGS Guam Inc.
610 West Marine Corps. Drive
Hagatna, Guam 96910

GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Internal: GO13-00333.006

The results contained in this Analyst Report are for information purposes only, pending issuance of the Certificate of Analysis by an authorized signatory.

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	GS4: Fuel Barge		
SAMPLE SOURCE :	Tank 3		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 14/02/2013	COMPLETED :	--
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	174	°F	--	--
Sediment By Extraction Content	ASTM D473	0.04	% (m/m)	--	--
Water Content	ASTM D95	0.0	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.390	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		To Follow	mg/kg	--	--
Cadmium Content §		To Follow	mg/kg	--	--
Chromium Content		To Follow	mg/kg	--	--
Lead Content		To Follow	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	To Follow	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	To Follow	mg/kg	--	--

§ - Analyte not in published method scope

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DATE: 19/02/2013

SGS Oil, Gas and Chemicals
SGS Guam Inc.
810 West Marine Corps. Drive
Hagatna, Guam 96910

GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Internal: GO13-00333.004

The results contained in this Analyst Report are for information purposes only, pending issuance of the Certificate of Analysis by an authorized signatory.

CLIENT ID :	1600000051	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	GS4: Fuel Barge		
SAMPLE SOURCE :	Tank 2		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	06/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 15/02/2013	COMPLETED :	–
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	168	°F	–	–
Sediment By Extraction Content	ASTM D473	0.03	% (m/m)	–	–
Water Content	ASTM D95	0.0	% (v/v)	–	–
Total Sulphur Content	ASTM D4294	0.360	% (m/m)	–	–
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		To Follow	mg/kg	–	–
Cadmium Content §		To Follow	mg/kg	–	–
Chromium Content		To Follow	mg/kg	–	–
Lead Content		To Follow	mg/kg	–	–
S Australia - PCB Content	ASTM D4059	To Follow	ppm (m/m)	–	–
Total Chlorine (Method B)	ASTM D5384	To Follow	mg/kg	–	–

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DATE: 19/02/2013

SGS Oil, Gas and Chemicals
SGS Guam Inc.
810 West Marine Corps. Drive
Hagatna, Guam 96910

GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Internal: GO13-00333.002

The results contained in this Analyst Report are for information purposes only, pending issuance of the Certificate of Analysis by an authorized signatory.

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	GS4: Fuel Barge		
SAMPLE SOURCE :	Tank 1		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 15/02/2013	COMPLETED :	--
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	183	°F	--	--
Sediment By Extraction Content	ASTM D473	0.88	% (m/m)	--	--
Water Content	ASTM D95	0.1	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.450	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		To Follow	mg/kg	--	--
Cadmium Content §		To Follow	mg/kg	--	--
Chromium Content		To Follow	mg/kg	--	--
Lead Content		To Follow	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	To Follow	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	To Follow	mg/kg	--	--

§ - Analyte not in published method scope

SGS Guam Inc. | 810 West Marine Corps. Drive, Hagatna, Guam 96910 tel:+1(671)588-2922 www.sgs.com

M.E. Environmental Laboratories, LLC
JRV Commercial Building - 1794 Army Drive - Suite 301 - Dededo, GU 96929
Phone: 671-969-2160 Email: meelabs@gmail.com

CERTIFICATE OF ANALYSIS

Report ME1006007
GSY

Guam Shipyard
Santa Rita, GU 96915-3010
PO Box 13010 (NAVACTS),Bldg 20 COMNAVMAR
Attention: Sonne Alston

Laboratory ID: ME1006007-02 **Matrix:** Aqueous
Site ID: HAZWST STG LOT **Collection Date:** 6/21/2010
Received Date & Time: 6/21/2010 12:50:00 PM **Collection Time:** 12:47 PM

Parameter	Method	Result	Units	RL	QL	Analysis Date
COD	EPA 410.1	ND	mg/L	5.00	5.00	7/8/2010
Cyanide	EPA 335.4	ND	mg/L	0.10	0.10	7/20/2010
Selenium	EPA 200.8	ND	ug/L	1.0	1.0	7/16/2010
Lead	EPA 200.8	2.60	ug/L	0.50	0.50	7/16/2010
Magnesium	EPA 200.8	2290	ug/L	250	250	7/16/2010
Cadmium	EPA 200.8	ND	ug/L	0.50	0.50	7/16/2010
Silver	EPA 200.8	ND	ug/L	2.0	2.0	7/16/2010
Mercury	EPA 7470A	ND	ug/L	0.20	0.20	7/14/2010
Ammonia	EPA 350.3	ND	mg/L	0.1		6/21/2010

Approved by: _____ Date: 11/27/10

SGS

TESTING COST

Invoice No.: 11368
Job Number: GO13-00333.001 thru 012
Customer Reference: AFDM-8 Dry Dock Testing

Client Name Guam Shipyard
Address P.O. Box 13010 (Naval Activities)
Building 20, Naval Station Guam
Santa Rita, Guam
Postcode 96915-3010
Country USA

Test Method	Quantity	Price USD	Total USD
Flash Point - ASTM D93	12	109.00	1308.00
Sediment by Extraction Content - ASTM D473	12	89.00	1068.00
Water Content - ASTM D95	12	89.00	1068.00
Total Sulphur Content - ASTM D4294	12	141.00	1692.00
Elements in Used Lube Oil (Metals) - ASTM D5185	12	160.00	1920.00
PCB Content - ASTM D4059	12	180.00	2160.00
Total Chlorine (Halogens) - ASTM D5384	12	114.00	1368.00
Total Cost			**10,584.00**
Add:			0.00
			0.00
TOTAL USD			**10,584.00**

SGS G... | P.O. Box 12128 Tamuning, Guam 96931 or 610 West Marine Corps Drive Hagatna, Guam 96910 t + 1 (671) 688-2923 f + 1 (671) 477-2923 www.sgs.com
Member of the SGS Group (Société Générale de Surveillance)

DATE: 26/02/2013

SGS Oil, Gas and Chemicals
SGS Guam Inc.
810 West Marine Corps. Drive
Hagatna, Guam 96910

GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Certificate of Analysis: GO13-00333.001

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 286		
SAMPLE SOURCE :	Tank 1		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 26/02/2013	COMPLETED :	26/02/2013
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	204	°F	--	--
Sediment By Extraction Content	ASTM D473	0.10	% (m/m)	--	--
Water Content	ASTM D95	0.5	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.200	% (m/m)	--	--
S2 Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		<1	mg/kg	--	--
Cadmium Content §		<1	mg/kg	--	--
Chromium Content		<1	mg/kg	--	--
Lead Content		<1	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	<2	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	<1000	ppm mg/kg	--	--

§ - Analyte not in published method scope

AUTHORISED SIGNATORY

LOVELL NUCUM-Laboratory Supervisor

DATE: 26/02/2013

SGS Oil, Gas and Chemicals
SGS Guam Inc.
810 West Marine Corps. Drive
Hagatna, Guam 96910

GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Certificate of Analysis: GO13-00333.002

CLIENT ID :	1600000081	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	GS4: Fuel Barge		
SAMPLE SOURCE :	Tank 1		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 26/02/2013	COMPLETED :	26/02/2013
REPORT COMMENT :	Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.		

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PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	183	°F	--	--
Sediment By Extraction Content	ASTM D473	0.88	% (m/m)	--	--
Water Content	ASTM D95	0.1	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.450	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		<1	mg/kg	--	--
Cadmium Content §		<1	mg/kg	--	--
Chromium Content		<1	mg/kg	--	--
Lead Content		<1	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	<2	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	<1000 ppm	mg/kg	--	--

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LOVELL NUCUM-Laboratory Supervisor

DATE: 26/02/2013

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GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Certificate of Analysis: GO13-00333.003

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 286		
SAMPLE SOURCE :	Tank 2		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	06/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 26/02/2013	COMPLETED :	26/02/2013
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	176	°F	--	--
Sediment By Extraction Content	ASTM D473	0.02	% (m/m)	--	--
Water Content	ASTM D95	0.0	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.310	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		<1	mg/kg	--	--
Cadmium Content §		<1	mg/kg	--	--
Chromium Content		<1	mg/kg	--	--
Lead Content		<1	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	<2	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	<1000 ppm	mg/kg	--	--

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GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Certificate of Analysis: GO13-00333.004

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	GS4: Fuel Barge		
SAMPLE SOURCE :	Tank 2		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 26/02/2013	COMPLETED :	26/02/2013
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	168	°F	--	--
Sediment By Extraction Content	ASTM D473	0.03	% (m/m)	--	--
Water Content	ASTM D95	0.0	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.360	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		<1	mg/kg	--	--
Cadmium Content §		<1	mg/kg	--	--
Chromium Content		<1	mg/kg	--	--
Lead Content		<1	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	<2	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	<1000 ppm	mg/kg	--	--

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GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Certificate of Analysis: GO13-00333.005

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 288		
SAMPLE SOURCE :	Tank 3		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 26/02/2013	COMPLETED :	26/02/2013
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	172	°F	--	--
Sediment By Extraction Content	ASTM D473	0.07	% (m/m)	--	--
Water Content	ASTM D95	0.4	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.380	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		<1	mg/kg	--	--
Cadmium Content §		<1	mg/kg	--	--
Chromium Content		<1	mg/kg	--	--
Lead Content		<1	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	<2	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	<1000 ppm	mg/kg	--	--

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GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Certificate of Analysis: GO13-00333.006

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	GS4: Fuel Barge		
SAMPLE SOURCE :	Tank 3		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 26/02/2013	COMPLETED :	26/02/2013
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	174	°F	--	--
Sediment By Extraction Content	ASTM D473	0.04	% (m/m)	--	--
Water Content	ASTM D95	0.0	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.390	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		<1	mg/kg	--	--
Cadmium Content §		<1	mg/kg	--	--
Chromium Content		<1	mg/kg	--	--
Lead Content		<1	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	<2	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	<1000	ppm mg/kg	--	--

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GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Certificate of Analysis: GO13-00333.007

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 286		
SAMPLE SOURCE :	Tank 4		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 26/02/2013	COMPLETED :	26/02/2013
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	166	°F	--	--
Sediment By Extraction Content	ASTM D473	0.05	% (m/m)	--	--
Water Content	ASTM D95	0.4	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.300	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		<1	mg/kg	--	--
Cadmium Content §		<1	mg/kg	--	--
Chromium Content		<1	mg/kg	--	--
Lead Content		<1	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	<2	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	<1000 ppm	mg/kg	--	--

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LOVELL NUCUM-Laboratory Supervisor

DATE: 28/02/2013

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GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Certificate of Analysis: GO13-00333.008

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	GS4: Fuel Barge		
SAMPLE SOURCE :	Tank 4		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 26/02/2013	COMPLETED :	26/02/2013
REPORT COMMENT :	Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.		

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PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	186	°F	--	--
Sediment By Extraction Content	ASTM D473	0.05	% (m/m)	--	--
Water Content	ASTM D95	0.2	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.380	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		<1	mg/kg	--	--
Cadmium Content §		<1	mg/kg	--	--
Chromium Content		<1	mg/kg	--	--
Lead Content		<1	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	<2	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	<1000 ppm	mg/kg	--	--

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GUAM SHIPYARD
P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Certificate of Analysis: GO13-00333.009

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 286		
SAMPLE SOURCE :	Tank 5		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 26/02/2013	COMPLETED :	26/02/2013
REPORT COMMENT :	**Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.**		

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PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Cleveland Flash Point (Open cup)	ASTM D92	110	°C	--	--
Sediment By Extraction Content	ASTM D473	0.18	% (m/m)	--	--
Water Content	ASTM D95	1.8	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.500	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		<1	mg/kg	--	--
Cadmium Content §		<1	mg/kg	--	--
Chromium Content		<1	mg/kg	--	--
Lead Content		1.0	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	<2	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	<1000 ppm	mg/kg	--	--

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P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Certificate of Analysis: GO13-00333.010

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 286		
SAMPLE SOURCE :	Tank 6		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 26/02/2013	COMPLETED :	26/02/2013
REPORT COMMENT :	Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.		

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PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	172	°F	--	--
Sediment By Extraction Content	ASTM D473	0.03	% (m/m)	--	--
Water Content	ASTM D95	0.2	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.370	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D6185				
Arsenic Content §		<1	mg/kg	--	--
Cadmium Content §		<1	mg/kg	--	--
Chromium Content		<1	mg/kg	--	--
Lead Content		<1	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	<2	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	<1000 ppm	mg/kg	--	--

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BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Certificate of Analysis: GO13-00333.011

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 286		
SAMPLE SOURCE :	Tank 7		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 26/02/2013	COMPLETED :	26/02/2013
REPORT COMMENT :	Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Cleveland Flash Point (Open cup)	ASTM D92	112	°C	--	--
Sediment By Extraction Content	ASTM D473	0.08	% (m/m)	--	--
Water Content	ASTM D95	1.0	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.390	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		<1	mg/kg	--	--
Cadmium Content §		<1	mg/kg	--	--
Chromium Content		<1	mg/kg	--	--
Lead Content		<1	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	<2	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	<1000 ppm	mg/kg	--	--

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P.O. BOX 13010 (NAVAL ACTIVITIES)
BUILDING 20, NAVAL STATION GUAM
SANTA RITA, GUAM 96915-3010

Certificate of Analysis: GO13-00333.012

CLIENT ID :	1600000061	PRODUCT DESCRIPTION :	Diesel Oil - Used Oil
LOCATION :	YON 266		
SAMPLE SOURCE :	Tank 6		
SAMPLE TYPE :	As submitted	SAMPLE BY :	Client
SAMPLED :	08/02/2013	RECEIVED :	08/02/2013
ANALYSED :	11/02/2013 - 26/02/2013	COMPLETED :	26/02/2013
REPORT COMMENT :	Analysis based on sample(s) submitted by Guam Shipyard. SGS Guam, Inc. does not guarantee that the sample(s) submitted is a representative of the whole bulk from where said sample was taken.		

S Australia - Subcontracted to SGS - ISO 17025 Laboratory - SGS Australia

PROPERTY	METHOD	RESULT	UNITS	MIN	MAX
Flash Point by PMCC - Procedure A	ASTM D93	176	°F	--	--
Sediment By Extraction Content	ASTM D473	0.02	% (m/m)	--	--
Water Content	ASTM D95	0.0	% (v/v)	--	--
Total Sulphur Content	ASTM D4294	0.440	% (m/m)	--	--
S2 - Elements in used Lube Oils and Base Oils by ICP-AES	ASTM D5185				
Arsenic Content §		<1	mg/kg	--	--
Cadmium Content §		<1	mg/kg	--	--
Chromium Content		<1	mg/kg	--	--
Lead Content		<1	mg/kg	--	--
S Australia - PCB Content	ASTM D4059	<2	ppm (m/m)	--	--
Total Chlorine (Method B)	ASTM D5384	<1000 ppm	mg/kg	--	--

** End of Analytical Results **

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2/15/2013

1

SHIP TO:

SGS GUAM INC.
P.O. BOX 12128
TAMUNING, GUAM 96931

MARYANN MONTON
SGS GUAM INC.
P.O. BOX 12128
TAMUNING, GUAM 96931

SGS001

Net Upon Receipt

BMC

2/15/2013

TO DEBIT YOU FOR COURIER SERVICES:

1.0000	ZONE3	116318457	$283.87	$283.87
1.0000	ZONE3	116318474	$173.87	$173.87

Subtotal:	$457.74
Freight:	$0.00
Tax:	$0.00
Balance:	$457.74

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