City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restoration Fund Nor 2205 E Belt St San Diego, CA 92113	th Trust	**************************************	********** PPORT * * * * * *
IU# Pmt#: 11-0564 01-A Conn: 100		ISMF#	: 158542
Site Address: 2205 E Belt St, San Diego Sample Point: Check in will alert contact to trucker traffic. Sample tank (S Autosampler placed on the groun sample tank through top access Laboratory Name: Eurofins Calscience, Inc.	escort s 3B7017) v nd closes hole/por	Permitted IW Flow sampler where to drive will be located closest st to sample tank manho rt. * COPY OF ANALYS	: 432000 & manage to bay. le. Access IS REQUIRED *
Sample#: 0158542-01 Date: N/A 24 hour composite Sampler: N/A Description	on: <u>N</u> /A	Time(s): <u>N/A</u>	
Parameter	Units	Daily Max	Result
Chemical Oxygen Demand Solids, Total Suspended Copper, Total Lead, Total Nickel, Total Zinc, Total Arsenic, Total Mercury, Total Sample#: 0158542-02 Date: <u>N/A</u> Evaluation only (no sample)	mg/L mg/L mg/L mg/L mg/L mg/L mg/L	5 .2 Time(s): <u>N/A</u>	N/A N/A N/A N/A N/A N/A N/A
Sampler: N/A Description	on: <u>N</u> /A		
Beginning Meter Read and Date Ending Meter Read and Date Average Flow/calendar day thru Connection Imported Flow During Period Maximum gals/min thru meter Minimum gals/min thru meter when discharging	gals gals gpd gals gpm gpm	10/27/2014 10/31/2014 300 50-	1,139,000 1,139,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restorati 2205 E Belt St San Diego, CA 92113	on Fund North Trust	**************************************	***** * * *
IU# Pmt#: 11-0564 01-A Con	n: 100	ISMF#: 1	.58542
Site Address: 2205 E Belt St, San	Diego	Permitted IW Flow: 43	2000
Sample Point: Check in will alert trucker traffic. Sam Autosampler placed of sample tank through	contact to escort sam mple tank (SB7017) will on the ground closest top access hole/port	mpler where to drive & ma ll be located closest to i to sample tank manhole.	nage bay. Access
Laboratory Name: Eurofins Calscience, Ir	nc.	* COPY OF ANALYSIS R	EQUIRED *
Sample#: 0158542-03 Date: N/A Pesticide and PCB grab Sampler: N/A	Description: N/A	Time(s): N/A	
PCB's, Total	ug/L	3 <u>N/</u>	4

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u>. <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

11-15-14 facility number report due date monitoring period Name Signature Date (Attach to Industry Self-Monitoring Form) J:\SHARED\Compliance\SM Certification forms\SMR Cert.docx Rev. 11/02/09w

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restoration Fund North Trust 2205 E Belt St San Diego, CA 92113

Date: N/A

IU# Pmt#: 11-0564 01-A Conn: 100

ISMF#: Permitted IW Flow: 432000

RETURN REPORT by

15-DEC-2014

158704

Site Address: 2205 E Belt St, San Diego

Sample Point: Check in will alert contact to escort sampler where to drive & manage trucker traffic. Sample tank (SB7017) will be located closest to bay. Autosampler placed on the ground closest to sample tank manhole. Access sample tank through top access hole/port.

Laboratory Name : Eurofins Calscience, Inc.

* COPY OF ANALYSIS REQUIRED *

Time(s): N/A

24 hour composite Sampler: N/A

Sample#: 0158704-01

Description: N/A

Parameter	Units	Daily Max	Result
Chemical Ovygen Demand	mcr/T.		N/A
Calida Total Sugnanded	mg/L		N/A
Solids, local Suspended	mg/II		N/A
Copper, Total	mg/D		N/A
Lead, Total	mg/L		N/A
Nickel, Total	mg/L		N/A
Zinc, Total	mg/L		N/A
Arsenic, Total	mg/L	5	N/A
Mercury, Total	mg/L	. 2	N/A
ample#: 0158704-02 Date: <u>N/A</u>		Time(s): N/A	
valuation only (no sample)			
ampler: N/A Descriptio	n: N/A		
Paring Motor Pord and Data	asle	11/01/2014	1,139,000
Beginning Meter Read and Date	gala	11/30/2014	1,139,000
Ending Meter Read and Date	yais		0
Average Flow/calendar day thru Connection	gpa		0
Imported Flow During Period	gais		0
Maximum gals/min thru meter	gpm	300	0
Minimum gals/min thru meter when discharging	map	50-	0

Page 1 of 2

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

	Michael Palmer San Diego Bay Enviro Rest 2205 E Belt St San Diego, CA 92113	coration	Fund North	Trust	*** * * * *	RETURN REPOR by 15-DEC-2014	*****
IU#	Pmt#: 11-0564 01-A	Conn:	100			ISMF#:	158704

 Site Address:
 2205 E Belt St, San Diego
 Permitted IW Flow: 432000

 Sample Point:
 Check in will alert contact to escort sampler where to drive & manage trucker traffic. Sample tank (SB7017) will be located closest to bay. Autosampler placed on the ground closest to sample tank manhole. Access sample tank through top access hole/port.

 Laboratory Name:
 Eurofins Calscience, Inc.
 * COPY OF ANALYSIS REQUIRED *

 Sample#:
 0158704-03
 Date:
 N/A

 Pesticide and PCB grab
 Description:
 N/A

PCB's, Total

ug/L

3

N/A

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u> <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

2/15/14

November 2014

facility number

report due date

monitoring period

Signature (Attach to Industry Self-Monitoring Form)

J:\SHARED\Compliance\SM Certification forms\SMR Cert.docx

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restoration Fund Nort 2205 E Belt St San Diego, CA 92113	<mark>h Trust</mark>	**************************************	********* PORT * 015 *
IU# Pmt#: 11-0564 01-A Conn: 100		ISMF#:	: 159143
Site Address: 2205 E Belt St, San Diego		Permitted IW Flow:	: 432000
Sample Point: Check in will alert contact to trucker traffic. Sample tank (S Autosampler placed on the groun- sample tank through top access (Laboratory Name - Eurofins Calscience, Inc.	escort a B7017) v d closea hole/por	sampler where to drive a will be located closest st to sample tank manhol rt.	<pre>* manage to bay. le. Access</pre>
		" COPI OF ANALISI	IS KEQUIKED *
Sample#: 0159143-01 Date: 12/10/2014		Time(s): 0820,0910,1010,11	00, 1200
24 hour composite			
Sampler: N. Kennedy Descriptio	n: clear w	/ater	
Parameter	Units	Daily Max	Result
Chemical Oxygen Demand	mq/L		260
Solids, Total Suspended	mq/L		8.2
Copper, Total	mq/L		0.0348
Lead, Total	ma/L		0.0125
Nickel, Total	mg/L		0.0166
Zinc, Total	mg/L		0.0464
Arsenic, Total	ma/L	5	0.0154
Mercury, Total	mg/L	.2	<0.0002
Sample#: 0159143-02 Date: 12/31/2014		Time(s): 0700	0
Evaluation only (no sample)			
Sampler: N. Kennedy Descriptio	n: clear w	ater	
Beginning Meter Read and Date	gals	12/01/2014	1,139,000
Ending Meter Read and Date	gals	12/31/2014	1,264,700
Average Flow/calendar day thru Connection	and		4,055
Imported Flow During Period	gals		125,700
Maximum gals/min thru meter	 anom	300	300
Minimum gals/min thru meter when discharging	apm	50-	50
,			

14.

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer	*****
San Diego Bay Enviro Restoration Fund North Trust	* RETURN REPORT *
2205 E Belt St	by
San Diego, CA 92113	15-JAN-2015

IU# Pmt#: 11-0564 01-A Conn: 100	ISMF#: 159143
Site Address 2205 E Belt St. San Diego P	Permitted IW Flow: 432000
	STATION 152000
Sample Point: Check in will alert contact to escort sampler trucker traffic. Sample tank (SB7017) will be Autosampler placed on the ground closest to s sample tank through top access hole/port.	where to drive & manage located closest to bay. ample tank manhole. Access
Laboratory Name: Eurofins Calscience, Inc.	* COPY OF ANALYSIS REQUIRED *
Sample#: 0159143-03 Date: <u>12/10/2014</u> Time((s): <u>0820</u>
Pesticide and PCB grab	
Sampler: N. Kennedy Description: clear water	
PCB's, Total ug/L 3	<0.48

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REOUIREMENTS",

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under STANDARD **CONDITIONS, Signatory Requirements.**

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that gualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief. true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

facility number

report due date

monitoring period

Print Name

Signature (Attach to Industry Self-Monitoring Form)

J:\SHARED\Compliance\SM Certification forms\SMR Cert.docx

WORK ORDER NUMBER: 14-12-1036

Calscience



🔅 eurofins



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For Client: San Diego Bay Environmental Restoration Fund

Client Project Name: San Diego Shipyard - North IUDP Discharge

Attention: Adam Gale

C/O de maximis, Inc. 1322 Scott Street, Suite 104 San Diego, CA 92106-2727

Danillefonce-

Approved for release on 12/22/2014 by: Danielle Gonsman Project Manager

ResultLink >

Email your PM >



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1432 * TEL: (714) 895-5494 * FAX: (714) 894-7501 * www.calscience.com

🛟 eurofins

Calscience

Contents

Client P Work O	roject Name: rder Number:	San Diego Shipyard - North IUDP Discharge 14-12-1036	
1	Work Or	der Narrative	3
2	Sample	Summary	4
3	Client Sa 3.1 SM 3.2 SM 3.3 EPA 3.4 EPA 3.5 EPA	ample Data	5 5 7 8 9
4	Quality (4.1 MS/ 4.2 PDS 4.3 San 4.4 LCS	Control Sample Data. MSD. S/PDSD. nple Duplicate.	10 10 12 13 15
5	Glossary	/ of Terms and Qualifiers	19
6	Chain-of	-Custody/Sample Receipt Form	20

Work Order: 14-12-1036

Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 12/10/14. They were assigned to Work Order 14-12-1036.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.



D-1D-1412	210	14-12-1036-1	12/10/14 08:20	4	Aqueous
Sample Id	entification	Lab Number	Collection Date and Tin	ne Number of Containers	Matrix
Attn:	Adam Gale				
			Number of Containers:		4
	San Diego, CA 92106-	2727	Date/Time Received:		12/10/14 18:05
	104		PO Number:		
	C/O de maximis, Inc.,	1322 Scott Street, Suite	Project Name:	San Diego Shipyard - North II	JDP Discharge
Client:	San Diego Bay Enviror	nmental Restoration Fund	Work Order:		14-12-1036



San Diego Bay Environmental Res	Date Receiv	ved:	12/10/14				
C/O de maximis, Inc., 1322 Scott S		Work Order	:		14-12-1036		
San Diego, CA 92106-2727			Preparation	1:			N/A
			Method:				SM 2540 D
			Units:				mg/L
Project: San Diego Shipyard - North	n IUDP Discharge	е				Pa	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-141210	14-12-1036-1-C	12/10/14 08:20	Aqueous	N/A	12/17/14	12/17/14 14:40	E1217TSSB2
Parameter		Result	RL		DF	Qua	lifiers
Solids, Total Suspended		8.2	1.0)	1.00		
Method Blank	099-09-010-6945	N/A	Aqueous	N/A	12/17/14	12/17/14 14:40	E1217TSSB2
Parameter		Result	RL		DF	Qua	lifiers
Solids, Total Suspended		ND	1.0)	1.00		



San Diego Bay Environmental Restoration Fund			Date Received:			12/10/14		
C/O de maximis, Inc., 1322 Scott S		Work Order	r:		14-12-1036			
San Diego, CA 92106-2727			Preparation	n:		N/A		
			Method:				SM 5220 C	
			Units:				mg/L	
Project: San Diego Shipyard - Nort	h IUDP Discharg	е				Pa	ge 1 of 1	
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-1D-141210	14-12-1036-1-A	12/10/14 08:20	Aqueous	BUR06	12/17/14	12/17/14 16:00	E1217ODB1	
Parameter	·	Result	RL	:	DF	Qua	alifiers	
Chemical Oxygen Demand		260	5.0)	1.00			
Method Blank	099-05-114-133	N/A	Aqueous	BUR06	12/17/14	12/17/14 16:00	E12170DB1	
Parameter		Result	RL		DF	Qua	alifiers	
Chemical Oxygen Demand		ND	5.0)	1.00			

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.





San Diego Bay Environmental Restoration Fund C/O de maximis, Inc., 1322 Scott Street, Suite 104 San Diego, CA 92106-2727				Date Recei	ved:	12/10/14			
				Work Order	r:		14-12-1036		
				Preparatior	1:			N/A	
				Method:				EPA 200.8	
				Units [.]				ug/l	
Project: San	Diego Shipyard - North	h IUDP Discharg	е	ernie.			Pa	ige 1 of 1	
Client Sample N	lumber	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-1D-141210		14-12-1036-1-B	12/10/14 08:20	Aqueous	ICP/MS 04	12/11/14	12/15/14 23:57	141211L08	
Comment(s):	- The reporting limit is elev	vated resulting from n	natrix interfere	ence.					
	- Results were evaluated t	o the MDL (DL), cond	centrations >=	to the MDL (DI	L) but < RL (LO	Q), if found, are	qualified with a	ı "J" flag.	
Parameter		Resu	<u>lt</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers	
Arsenic		15.4		10.0	3.86	10.0			
Copper		34.8		10.0	1.40	10.0			
Lead		12.5		10.0	0.898	10.0			
Nickel		16.6		10.0	1.32	10.0			
Zinc		46.4		50.0	4.79	10.0	J	l	
Method Blank		099-16-094-641	N/A	Aqueous	ICP/MS 04	12/11/14	12/12/14 13:13	141211L08	
Comment(s):	- Results were evaluated t	o the MDL (DL), cond	centrations >=	to the MDL (DI	L) but < RL (LO	Q), if found, are	qualified with a	ı "J" flag.	
Parameter		Resu	<u>lt</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers	
Arsenic		ND		1.00	0.386	1.00			
Copper		ND		1.00	0.140	1.00			
Lead		ND		1.00	0.0898	1.00			
Nickel		ND		1.00	0.132	1.00			
Zinc		ND		5.00	0.479	1.00			



Mercury

San Diego Bay Environmental Resto	Date Receiv	/ed:			12/10/14		
C/O de maximis, Inc., 1322 Scott Str	reet, Suite 104		Work Order:	:			14-12-1036
San Diego, CA 92106-2727			Preparation	:		EP	A 245.1 Total
			Method:				EPA 245.1
			Units:				ug/L
Project: San Diego Shipyard - North	IUDP Discharge	1				Paç	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-141210	14-12-1036-1-B	12/10/14 08:20	Aqueous	Mercury 04	12/19/14	12/19/14 22:29	141219L05
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LOC	Q), if found, are o	qualified with a '	'J" flag.
Parameter	Result		<u>RL</u>	MDL	DF	Q	ualifiers
Mercury	ND		0.200	0.0453	1.00		
Method Blank	099-04-008-7247	N/A	Aqueous	Mercury 04	12/19/14	12/19/14 22:13	141219L05
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LOC	Q), if found, are o	qualified with a '	'J" flag.
Parameter	Result		<u>RL</u>	MDL	DF	Q	ualifiers

0.200

ND

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

1.00

0.0453



San Diego Bay Environmental Restoration Fund	Date Received:	12/10/14
C/O de maximis, Inc., 1322 Scott Street, Suite 104	Work Order:	14-12-1036
San Diego, CA 92106-2727	Preparation:	EPA 3510C
	Method:	EPA 8082
	Units:	ug/L
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 1

Project: San Diego Snipyard - North IUDP Discharge

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-141210	14-12-1036-1-D	12/10/14 08:20	Aqueous	GC 58	12/12/14	12/17/14 10:33	141212L09
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL) but < RL (LOC), if found, are q	ualified with a "	J" flag.
Parameter	<u>Resul</u>	<u>t</u>	<u>RL</u>	MDL	DF	<u>Qu</u>	<u>alifiers</u>
Aroclor-1016	ND		0.48	0.14	1.00		
Aroclor-1221	ND		0.48	0.14	1.00		
Aroclor-1232	ND		0.48	0.12	1.00		
Aroclor-1242	ND		0.48	0.086	1.00		
Aroclor-1248	ND		0.48	0.097	1.00		
Aroclor-1254	ND		0.48	0.11	1.00		
Aroclor-1260	ND		0.48	0.13	1.00		
Aroclor-1262	ND		0.48	0.13	1.00		
Surrogate	<u>Rec. (</u>	<u>%)</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphenyl	102		50-135				
2,4,5,6-Tetrachloro-m-Xylene	90		50-135				

Method Blank	099-16-10	4-8 N/A	Aqueous	GC 58	12/12/14	12/12/14 15:27	141212L09
Comment(s):	- Results were evaluated to the MDL (I	DL), concentrations >	= to the MDL (DI	L) but < RL (LOC	Q), if found, are	qualified with a '	'J" flag.
Parameter		<u>Result</u>	<u>RL</u>	MDL	<u>DF</u>	<u>Q</u>	ualifiers
Aroclor-1016		ND	0.50	0.15	1.00		
Aroclor-1221		ND	0.50	0.14	1.00		
Aroclor-1232		ND	0.50	0.12	1.00		
Aroclor-1242		ND	0.50	0.090	1.00		
Aroclor-1248		ND	0.50	0.10	1.00		
Aroclor-1254		ND	0.50	0.11	1.00		
Aroclor-1260		ND	0.50	0.13	1.00		
Aroclor-1262		ND	0.50	0.13	1.00		
Surrogate		<u>Rec. (%)</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphe	nyl	87	50-135				
2,4,5,6-Tetrachlo	oro-m-Xylene	87	50-135				

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

San Diego Bay Environmental Restoration Fund	Date Received:	12/10/14
C/O de maximis, Inc., 1322 Scott Street, Suite 104	Work Order:	14-12-1036
San Diego, CA 92106-2727	Preparation:	Filtered
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 2

Project: San Diego Shipyard - North IUDP Discharge

Quality Control Sample ID	Туре		Matrix	h	nstrument	Date Prepared	Date Ana	yzed	MS/MSD Bat	ch Number
14-12-1030-2	Sample		Aqueous	; I	CP/MS 04	12/11/14	12/12/14	13:37	141211S08	
14-12-1030-2	Matrix Spike		Aqueous	; I(CP/MS 04	12/11/14	12/12/14	13:20	141211S08	
14-12-1030-2	Matrix Spike	Duplicate	Aqueous	5 I	CP/MS 04	12/11/14	12/12/14	13:23	141211S08	
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> <u>Added</u>	<u>MS</u> Conc.	<u>MS</u> %Rec.	<u>MSD</u> <u>Conc.</u>	<u>MSD</u> <u>%Rec.</u>	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Arsenic	ND	100.0	88.14	88	78.61	79	80-120	11	0-20	3
Copper	6.491	100.0	90.15	84	81.82	75	80-120	10	0-20	3
Lead	ND	100.0	92.46	92	82.29	82	80-120	12	0-20	
Nickel	2.712	100.0	81.82	79	75.50	73	80-120	8	0-20	3
Zinc	13.03	100.0	105.1	92	94.41	81	80-120	11	0-20	



Quality Control - Spike/Spike Duplicate

San Diego Bay Environmental Restoration Fund	Date Received:	12/10/14
C/O de maximis, Inc., 1322 Scott Street, Suite 104	Work Order:	14-12-1036
San Diego, CA 92106-2727	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 2

Project: San Diego Shipyard - North IUDP Discharge

Quality Control Sample ID	Туре		Matrix	Ir	nstrument	Date Prepared	Date Ana	lyzed	MS/MSD Bat	ch Number
14-12-1651-2	Sample		Aqueous	N	lercury 04	12/19/14	12/19/14	22:22	141219S05	
14-12-1651-2	Matrix Spike		Aqueous	N	lercury 04	12/19/14	12/19/14	22:24	141219S05	
14-12-1651-2	Matrix Spike	Duplicate	Aqueous	N	lercury 04	12/19/14	12/19/14	22:26	141219S05	
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> %Rec.	<u>MSD</u> Conc.	<u>MSD</u> <u>%Rec.</u>	%Rec. CL	<u>RPD</u>	<u>RPD CL</u>	Qualifiers
Mercury	ND	10.00	10.71	107	11.16	112	57-141	4	0-10	





Quality Control Sample ID

Matrix

San Diego Bay Environmental Restoration Fund	Date Received:	12/10/14
C/O de maximis, Inc., 1322 Scott Street, Suite 104	Work Order:	14-12-1036
San Diego, CA 92106-2727	Preparation:	Filtered
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 1

Project: San Diego Shipyard - North IUDP Discharge

Туре

Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch

					Num	ber
14-12-1030-2	Sample	Aqueous	ICP/MS 04	12/11/14 00:00 12	/12/14 13:37 1412	11S08
14-12-1030-2	PDS	Aqueous	ICP/MS 04	12/11/14 00:00 12	/12/14 13:27 1412	11S08
Parameter	Samp	ble Conc. Spike Add	ed PDS Conc.	PDS %Rec.	<u>%Rec. CL</u>	Qualifiers
Arsenic	ND	100.0	99.07	99	75-125	
Copper	6.491	100.0	101.3	95	75-125	
Lead	ND	100.0	103.7	104	75-125	
Nickel	2.712	2 100.0	94.91	92	75-125	
Zinc	13.03	3 100.0	112.9	100	75-125	



Quality Control - Sample Duplicate

San Diego Bay Environmental Restoration Fund	Date Received:	12/10/14
C/O de maximis, Inc., 1322 Scott Street, Suite 104	Work Order:	14-12-1036
San Diego, CA 92106-2727	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
14-12-1167-1	Sample	Aqueous	N/A	12/17/14 00:00	12/17/14 14:40	E1217TSSD2
14-12-1167-1	Sample Duplicate	Aqueous	N/A	12/17/14 00:00	12/17/14 14:40	E1217TSSD2
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Solids, Total Suspended		30.00	32.70	9	0-20	



Quality Control - Sample Duplicate

San Diego Bay Environmental Restoration Fund	Date Received:	12/10/14
C/O de maximis, Inc., 1322 Scott Street, Suite 104	Work Order:	14-12-1036
San Diego, CA 92106-2727	Preparation:	N/A
	Method:	SM 5220 C
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 2

Project: San Diego Snipyard - North IUDP Discharge

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number		
D-1D-141210	Sample	Aqueous	BUR06	12/17/14 00:00	12/17/14 16:00	E1217ODD1		
D-1D-141210	Sample Duplicate	Aqueous	BUR06	12/17/14 00:00	12/17/14 16:00	E1217ODD1		
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers		
Chemical Oxygen Demand		257.0	246.0	4	0-25			



San Diego Bay Environmental Restoration Fund	Date Received:	12/10/14
C/O de maximis, Inc., 1322 Scott Street, Suite 104	Work Order:	14-12-1036
San Diego, CA 92106-2727	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 4

Quality Control Sample ID	Туре	Mat	Matrix		Date Prep	pared Date	e Analyzed	LCS/LCSD Batch Numbe		
099-09-010-6945	LCS	Aqu	ieous	N/A	12/17/14	12/1	7/14 14:40	E1217TSSB2		
099-09-010-6945	LCSD	Αqι	ieous	N/A	12/17/14	12/1	7/14 14:40	E1217TSSB2		
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	<u>RPD</u>	RPD CL	Qualifiers	
Solids, Total Suspended	100.0	85.00	85	81.00	81	80-120	5	0-20		



San Diego Bay Environmental Restoration Fund	Date Received:	12/10/14
C/O de maximis, Inc., 1322 Scott Street, Suite 104	Work Order:	14-12-1036
San Diego, CA 92106-2727	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 4

Quality Control - LCS

Quality Control Sample ID	Туре	Matrix	Instrument Date Prepared D		Date Analyzed	LCS Batch Number		
099-16-094-641	LCS	Aqueous	ICP/MS 04	12/11/14	12/12/14 13:17	141211L08		
Parameter		Spike Added	Conc. Recover	ed LCS %Re	ec. <u>%Rec</u>	<u>CL</u> <u>Qualifiers</u>		
Arsenic		100.0	101.9	102	80-120)		
Copper		100.0	100.7	101	80-120)		
Lead		100.0	102.6	103	80-120)		
Nickel		100.0	100.0	100	80-120)		
Zinc		100.0	109.5	109	80-120)		



San Diago Boy Environmental Postaration Fund	Date Received:	12/10/14			
San Diego day Environmental Restoration Fund	Dale Necelveu.	12/10/14			
C/O de maximis, Inc., 1322 Scott Street, Suite 104	Work Order:	14-12-1036			
San Diego, CA 92106-2727	Preparation:	EPA 245.1 Total			
	Method:	EPA 245.1			
Project: San Diego Shipyard - North IUDP Discharge		Page 3 of 4			

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-04-008-7247	LCS	Aqueous	Mercury 04	12/19/14	12/19/14 22:20	141219L05
Parameter		Spike Added	Conc. Recover	red LCS %Re	<u>c. %Rec.</u>	CL Qualifiers
Mercury		10.00	10.79	108	85-121	I





San Diego Bay Environmental Restoration Fund	Date Received:	12/10/14
C/O de maximis, Inc., 1322 Scott Street, Suite 104	Work Order:	14-12-1036
San Diego, CA 92106-2727	Preparation:	EPA 3510C
	Method:	EPA 8082
Project: San Diego Shipyard - North IUDP Discharge		Page 4 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Pre	pared Date Analyzed		LCS/LCSD Ba	atch Number
099-16-104-8	LCS	Aqueous		GC 58	12/12/14	12/1	2/14 14:51	141212L09	
099-16-104-8	LCSD	Aqu	Aqueous		12/12/14	12/1	2/14 15:09	141212L09	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Aroclor-1260	1.000	0.9006	90	1.037	104	50-135	14	0-25	

Page 1 of 1

Calscience

Work Order: 14-12-1036

Glossary of Terms and Qualifiers

<u>Qualifiers</u>	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
В	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
Е	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
Х	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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		Calscie	nce						WO	#/LABI	JSE ONI	<u>Y</u>				DA	TE:	12	lic	21/21	<u> 014</u>	p	
7440 Line For couri	coln Way, Garden Grove, CA 928 er service / sample drop off infor	341-1427 • (714 mation, contact u) 895-5494 Is26_sales@euro	ofinsus.com c	or call us.					1	4-	12	510	R		PAC)E:		1	ι	OF		1
LABORA	Anchor QE	A							CLIE		JECT N	AME / N	UMBER:						P.O.	NO.:			
ADDRES	^{is:} 27201 Puerta Real,	, Suite 350			· · · · ·		· · · · · ·		PRO		O SN	ipyar	as –	Nortr		P Disc	harge		SAM	PLER(S): (PRINT	г)	
CITY: STATE: ZIP: CA 92691						A	dam	Gale	•							N	nck	K	enne	dy			
TEL:	949.347.2780	E-MAIL:	ale@anchoi	rqea.com										R	EQU	ESTE	D AN	IALY	SES				
TURNAR	OUND TIME (Rush surcharges may ap	ply to any TAT not "	STANDARD"):	· · · · ·								Pl	ease c	heck b	ox or fil	l in blanl	as nee	ded.					·
] 48 HR □	72 HR	5 DAYS			CODE						pue										
X CC	DELTEDF TIO	60000	03590)			CODE.						Dems	Solids									
SPECIAL INSTRUCTIONS: Report J-flags FOR COF, USE FICIAL POINT "D-+D" FOR All dischard Sameles "D+D-NS"				samples intres harge	erved	pa	tered).8 As, Cu, Pb, Ni, Zn	6.1 Mercury	2 PCB Arociors) C Chemical Oxygen) D Total Suspended (
LAB USE ONLY	SAMPLE ID	SAMI DATE	PLING TIME	MATRIX	NO. OF CONT.	Unpres	Preserv	Field Fi		EPA 20(EPA 24	EPA 806	SM 522(SM 254(
1	D-117 - 141210	12/10/2014	0520,0910, 1010, 1100, 17001,	W.S	١		HNO₃			х	х												
	0-10-141210	1211012014	0120,0910, 1010,1100	WS	١		H₂SO₄						x										
H.	D-1D-141210	1410/2019	0320	WS	١	х						х											
	D-1D-141210	12/10/2019	0920, 0910, 1010, 1100	WS	۱	х			I					х									
			1200,																				
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Relinquished by: (Signature)						filiation)		~				Ε	50	Date	liol	201	ч	Time:				
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reinqui	nieu by: (Signature)				Rece	eived b	y: (Signat	ure/Aff	nilation))								Date	e: /		1	Time:	

🔆 eurofir	IS	. w		#: 14- ′	Page 12-	21 of 21
		cience			ooler	
$\Delta N C$	HOR GE				12/10	1/14
					127.0	
TEMPERATURE:	Thermometer	ID: SC2 (Criteria: 0.0 °C	C, not frozer	n except se	diment/tis:	sue)
Temperature	1.8.0	-0.2 °C (CF) =		1 Blank		ple
Sample(s) outs	de temperature	criteria (PM/APM contac	ted by:)			
□ Sample(s) outs	de temperature	criteria but received on i	ce/chilled on same d	ay of sampl	ing.	
□ Received at am	pient tempera	ture, placed on ice fo	or transport by Co	urier.		Con 1
Ambient Tempera	ure: 🗆 Air	Filter			Checked	by: <u>67</u>
	SINTACT.	No (Not Intact)	FINot Present	Π N/A	Checked	by: 671
□ Sample □		□ No (Not Intact)	Not Present		Checked	by: 920
						······································
SAMPLE CONDI	ION:			Yes	No	N/A
Chain-Of-Custody (COC) docume	nt(s) received with san	nples	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
COC document(s) r	eceived compl	ete		, P		
□ Collection date/tin	ie, matrix, and/or a	# of containers logged in ba	ased on sample labels.			
🗆 No analysis reque	sted. Not re	linquished. 🛛 No date/ti	me relinquished.			
Sampler's name inc	licated on COC	S	•••••••	P		
Sample container la	bel(s) consiste	ent with COC		Ø		
Sample container(s) intact and go	od condition		Ø		
Proper containers a	nd sufficient vo	plume for analyses req	juested	Þ,		
Analyses received	vithin holding t	ime		P		
Aqueous sample	s received with	nin 15-minute holding	time	_		_
🗆 pH 🛛 Residua	Chlorine Dis	ssolved Sulfides Disso	olved Oxygen			
Proper preservatior	noted on COC	C or sample container.		Ø		
	is received for v	olatiles analysis				
Todlar bag(s) from	f condensation			. ш п		
CONTAINER TY	'E:	I	· · · · · · · · · · · · · · · · · · ·	. U		7
Solid: □4ozCGJ	□8ozCGJ □	16ozCGJ □Sleeve (_) □EnCore	s [™] ⊡Terra	Cores [®] []
Aqueous: 🗆 VOA []VOA h ⊡VOA	na₂ □125AGB □125/	AGBh □125AGBp	1AGB	∃1AGB <mark>na</mark>	₂ □1AGB s
□500AGB □500A	GJ □500AGJ	Is □250AGB □250	CGB Z250CGBs	р1рв	□1PB na	□500PB
□250PB Ø250PB	n □125PB □	125PB znna □100PJ	□100PJ na₂ □	□	[]
Air: Tedlar [®] C Container: C: Clear A: A Preservative: h: HCL n: H	anister Other: mber P: Plastic G: (iNO₃ na₂:Na₂S₂O₃ na	Trip Blank Glass J: Jar B: Bottle Z: Ziplow a: NaOH p: H ₃ PO4 s: H ₂ SO4 u: U	k Lot#: c/Resealable Bag E : En Jltra-pure znna : ZnAc ₂ +Na	Labeled velope I OH f: Filtered	/Checked I Reviewed b Scanned	by: <u>42</u> by: <u>619</u> by: <u>489</u>

SOP	T100	090	(06/02/14)
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City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restoration Fund Nort 2205 E Belt St San Diego, CA 92113	h Trust	**************************************	******** PORT * *)15 * ******
IU# Pmt#: 11-0564 01-A Conn: 100		ISMF#:	159709
Site Address: 2205 E Belt St, San Diego		Permitted IW Flow:	432000
Sample Point: Check in will alert contact to trucker traffic. Sample tank (S Autosampler placed on the ground sample tank through top access to Eurofins Calscience. Inc.	escort s B7017) v d closes hole/poi	sampler where to drive & will be located closest st to sample tank manhol rt.	manage to bay. .e. Access
1/20/2015		* COPT OF ANALISI	1040 1140 1240
Sample#: 0159709-01 Date: 120/2013		Time(s):0740,0640,0940	1040, 1140, 1240
24 hour composite	clear	rwater	
Sampler: N. Kennedy Descriptio			
Parameter	Units	Daily Max	Result
Chemical Oxygen Demand	ma/T.		360
Solids Total Suspended	m_{G}/L		32
Copper, Total	$m\alpha/T_{i}$		0.0513
Lead Total	$m\alpha/L$		0.0288
Nickel Total	m_{G}/L		0.0162
Zinc Total	$m_{\rm CI}/T_{\rm c}$		0.102
Arsenic Total	$m\alpha/T_{i}$	5	0.0493
Mercury, Total	mg/L	.2	<0.0002
Sample#: 0159709-02 Date: 1/31/2015		Time(s): 0700	
Evaluation only (no sample)			
Sampler: N. Kennedy Description	n: <u>clear</u>	r water	
Reginning Mater Read and Date	gale	1/01/2015	1,264,700
Ending Meter Read and Date	gale	1/31/2015	1,362,000
Average Flow/galendar day thru Connection	and		3,139
Imported Flow During Deriod	gpu		97,300
Maximum galg/min thru motor	gais	300	300
Minimum gals/min thru meter when discharging	gpm gpm	50-	50
minimum garb/min chira mecer when arbenarging	SPIII		

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restoration Fund North Trust 2205 E Belt St			*** Trust *	**************************************	****** RT * *
San Diego	, CA 92113		* *	15-FEB-201	5 *
IU# Pmt#: 11-0	564 01-A	Conn: 100		ISMF#:	159709
Site Address:	2205 E Belt S	t, San Diego	Permit	ted IW Flow:	432000
Sample Point:	Check in will trucker traff Autosampler p sample tank t	alert contact to es ic. Sample tank (SB7 laced on the ground hrough top access ho	cort sampler wher 017) will be loca closest to sample ble/port.	e to drive & n ted closest to tank manhole	nanage 5 bay. . Access
Laboratory Nam	ne : Eurofins Cals	cience, Inc.	* COP	Y OF ANALYSIS	REQUIRED *
Sample#: 01597	09-03 Date:	1/20/2015	Time(s):	0740	
Pesticide and Sampler: N.Ke	PCB grab ennedy	Description:	clear water		
PCB's. Total	1	u	a/L 3		<0.95

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under STANDARD **CONDITIONS, Signatory Requirements.**

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

2-15-15 January

facility number

report due date

monitoring period

001

Signature (Attach to Industry Self-Monitoring Form)

Rev. 11/02/09w

WORK ORDER NUMBER: 15-01-1163

Calscience



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AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For Client: ANCHOR QEA, LLC Client Project Name: San Diego Shipyard - North IUDP Discharge Attention: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691-8306

Danillefonce-

Approved for release on 02/02/2015 by: Danielle Gonsman Project Manager



Email your PM

ResultLink ▶

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order: 15-01-1163

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 01/20/15. They were assigned to Work Order 15-01-1163.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

New York NELAP air certification does not certify for all reported methods and analytes, reference the accredited items here: http://www.calscience.com/PDF/New_York.pdf

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.


Client:	ANCHOR QEA, LLC		Work Order:	15-01-1163
	27201 Puerta Real, Su	iite 350	Project Name:	San Diego Shipyard - North IUDP Discharge
	Mission Viejo, CA 926	91-8306	PO Number:	
			Date/Time Received:	01/20/15 18:55
			Number of Containers:	4
Attn:	Adam Gale			
Sample Id	entification	Lab Number	Collection Date and Tin	ne Number of Matrix Containers
D-1D-150	20	15-01-1163-1	01/20/15 07:40	4 Aqueous



ANCHOR QEA, LLC			Date Receiv	ved:			01/20/15	
27201 Puerta Real, Suite 350			Work Order	:		15-01-1163		
Mission Viejo, CA 92691-8306			Preparation	1:			N/A	
			Method:			SM 2540 D		
			Units:				mg/L	
Project: San Diego Shipyard - North	IUDP Discharge	e				Pa	ge 1 of 1	
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-1D-150120	15-01-1163-1-D	01/20/15 07:40	Aqueous	N/A	01/24/15	01/24/15 16:00	F0124TSSL1	
Parameter		Result	RL		DF	Qua	lifiers	
Solids, Total Suspended		32	1.0	1	1.00			
Method Blank	099-09-010-7020	N/A	Aqueous	N/A	01/24/15	01/24/15 16:00	F0124TSSL1	
Parameter		Result	RL		DF	Qua	lifiers	
Solids, Total Suspended		ND	1.0	1	1.00			

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



ANCHOR QEA, LLC			Date Receiv	ved:			01/20/15
27201 Puerta Real, Suite 350			Work Order				15-01-1163
Mission Viejo, CA 92691-8306			Preparation	:			N/A
			Method:				SM 5220 C
			Units:				mg/L
Project: San Diego Shipyard - North	IUDP Discharg	е				Pa	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150120	15-01-1163-1-A	01/20/15 07:40	Aqueous	BUR06	01/29/15	01/29/15 16:00	F0129ODB2
Parameter		Result	RL		DF	Qua	lifiers
Chemical Oxygen Demand		360	5.0		1.00		
Method Blank	099-05-114-136	N/A	Aqueous	BUR06	01/29/15	01/29/15 16:00	F0129ODB2
Parameter		Result	RL		DF	Qua	lifiers
Chemical Oxygen Demand		ND	5.0		1.00		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Zinc

ANCHOR QEA, LLC	Date Received:	01/20/15
27201 Puerta Real, Suite 350	Work Order:	15-01-1163
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
	Units:	ug/L
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 1

Analytical Report

Proj ıpy

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150120	15-01-1163-1-B	01/20/15 07:40	Aqueous	ICP/MS 04	01/20/15	01/22/15 03:44	150120L01
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LOC), if found, are c	ualified with a	ı "J" flag.
Parameter	Result		<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers
Arsenic	49.3		1.00	0.386	1.00		
Copper	51.3		1.00	0.140	1.00		
Lead	28.8		1.00	0.0898	1.00		
Nickel	16.2		1.00	0.132	1.00		
Zinc	102		5.00	0.479	1.00		
Method Blank	099-16-094-691	N/A	Aqueous	ICP/MS 04	01/20/15	01/21/15 14:28	150120L01
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LOC), if found, are c	ualified with a	ı "J" flag.
Parameter	Result	L .	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers
Arsenic	ND		1.00	0.386	1.00		
Copper	ND		1.00	0.140	1.00		
Lead	ND		1.00	0.0898	1.00		
Nickel	ND		1.00	0.132	1.00		

5.00

0.479

1.00

ND

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



ANCHOR QEA, LLC			Date Recei	ved:			01/20/15	
27201 Puerta Real, Suite 350			Work Order	r:		15-01-1163		
Mission Viejo, CA 92691-8306			Preparation	n:		EF	PA 245.1 Total	
						EPA 245.1		
			Units:				ug/L	
Project: San Diego Shipyard - North	IUDP Discharge	Э				Pa	ge 1 of 1	
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-1D-150120	15-01-1163-1-В	01/20/15 07:40	Aqueous	Mercury 04	01/27/15	01/28/15 14:20	150127L06	
Parameter		Result	RL		DF	Qua	lifiers	
Mercury		ND	0.2	200	1.00			
Method Blank	099-04-008-7290	N/A	Aqueous	Mercury 04	01/27/15	01/28/15 14:09	150127L06	
Parameter		Result	RL		DF	Qua	lifiers	
Mercury		ND	0.2	200	1.00			

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



ANCHOR QEA, LLC	Date Received:	01/20/15
27201 Puerta Real, Suite 350	Work Order:	15-01-1163
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
	Units:	ug/L
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 1

Analytical Report

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150120	15-01-1163-1-C	01/20/15 07:40	Aqueous	GC 58	01/23/15	01/27/15 13:03	150123L03A
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LOC), if found, are q	ualified with a "	J" flag.
Parameter	Result	<u>t</u>	<u>RL</u>	MDL	DF	<u>Qu</u>	<u>alifiers</u>
Aroclor-1016	ND		0.95	0.28	1.00		
Aroclor-1221	ND		0.95	0.27	1.00		
Aroclor-1232	ND		0.95	0.24	1.00		
Aroclor-1242	ND		0.95	0.17	1.00		
Aroclor-1248	ND		0.95	0.19	1.00		
Aroclor-1254	ND		0.95	0.21	1.00		
Aroclor-1260	ND		0.95	0.25	1.00		
Aroclor-1262	ND		0.95	0.25	1.00		
Surrogate	<u>Rec. (</u>	<u>%)</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphenyl	100		50-135				
2,4,5,6-Tetrachloro-m-Xylene	80		50-135				

Method Blank	099-12-533·	997 N/A	A Aqueous	GC 58	01/23/15	01/27/15 12:27	150123L03A
Comment(s):	- Results were evaluated to the MDL (DL	.), concentra	ations >= to the MDL (D	L) but < RL (L	OQ), if found, are o	qualified with a	"J" flag.
Parameter		<u>Result</u>	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers
Aroclor-1016		ND	1.0	0.29	1.00		
Aroclor-1221		ND	1.0	0.28	1.00		
Aroclor-1232		ND	1.0	0.25	1.00		
Aroclor-1242		ND	1.0	0.18	1.00		
Aroclor-1248		ND	1.0	0.20	1.00		
Aroclor-1254		ND	1.0	0.23	1.00		
Aroclor-1260		ND	1.0	0.26	1.00		
Aroclor-1262		ND	1.0	0.26	1.00		
Surrogate		<u>Rec. (%)</u>	Control Limits	Qualifie	rs		
Decachlorobiphe	enyl	99	50-135				
2,4,5,6-Tetrachlo	oro-m-Xylene	80	50-135				

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



ANCHOR QEA, LLC	Date Received:	01/20/15
27201 Puerta Real, Suite 350	Work Order:	15-01-1163
Mission Viejo, CA 92691-8306	Preparation:	Filtered
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 2

Quality Control Sample ID	Туре		Matrix	Ir	nstrument	Date Prepared	Date Ana	lyzed	MS/MSD Ba	tch Number
15-01-1003-3	Sample		Aqueou	is l	CP/MS 04	01/20/15	01/20/15	18:00	150120S01	
15-01-1003-3	Matrix Spike		Aqueou	is l	CP/MS 04	01/20/15	01/20/15	17:42	150120S01	
15-01-1003-3	Matrix Spike	Duplicate	Aqueou	is l	CP/MS 04	01/20/15	01/20/15	17:46	150120S01	
Parameter	<u>Sample</u> Conc.	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> %Rec.	MSD Conc.	<u>MSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Arsenic	1.627	100.0	93.43	92	92.07	90	80-120	1	0-20	
Copper	3.643	100.0	85.35	82	83.45	80	80-120	2	0-20	
Lead	ND	100.0	98.99	99	95.39	95	80-120	4	0-20	
Nickel	14.89	100.0	96.06	81	93.26	78	80-120	3	0-20	3
Zinc	9.777	100.0	96.08	86	90.59	81	80-120	6	0-20	



ANCHOR QEA, LLC	Date Received:	01/20/15
27201 Puerta Real, Suite 350	Work Order:	15-01-1163
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 2

Quality Control Sample ID	Туре		Matrix	Ir	strument	Date Prepared	Date Ana	lyzed	MS/MSD Bat	ch Number
15-01-1356-6	Sample		Aqueous	N	lercury 04	01/27/15	01/28/15	14:13	150127S06	
15-01-1356-6	Matrix Spike		Aqueous	N	lercury 04	01/27/15	01/28/15	14:16	150127S06	
15-01-1356-6	Matrix Spike I	Duplicate	Aqueous	N	lercury 04	01/27/15	01/28/15	14:18	150127S06	
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> %Rec.	<u>MSD</u> Conc.	<u>MSD</u> <u>%Rec.</u>	%Rec. CL	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Mercury	ND	10.00	10.72	107	10.68	107	57-141	0	0-10	



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	01/20/15
27201 Puerta Real, Suite 350	Work Order:	15-01-1163
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-01-1254-4	Sample	Aqueous	N/A	01/24/15 00:00	01/24/15 16:00	F0124TSSD1
15-01-1254-4	Sample Duplicate	Aqueous	N/A	01/24/15 00:00	01/24/15 16:00	F0124TSSD1
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Solids, Total Suspended		6172	5852	5	0-20	



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	01/20/15
27201 Puerta Real, Suite 350	Work Order:	15-01-1163
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 5220 C
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
D-1D-150120	Sample	Aqueous	BUR06	01/29/15 00:00	01/29/15 16:00	F0129ODD2
D-1D-150120	Sample Duplicate	Aqueous	BUR06	01/29/15 00:00	01/29/15 16:00	F0129ODD2
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand		363.0	350.0	4	0-25	





ANCHOR QEA, LLC	Date Received:	01/20/15
27201 Puerta Real, Suite 350	Work Order:	15-01-1163
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 4

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Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Prep	pared Date	e Analyzed	LCS/LCSD Ba	tch Number
099-09-010-7020	LCS	Aqu	ieous	N/A	01/24/15	01/2	24/15 16:00	F0124TSSL1	
099-09-010-7020	LCSD	Αqι	ieous	N/A	01/24/15	01/2	24/15 16:00	F0124TSSL1	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Solids, Total Suspended	100.0	89.00	89	86.00	86	80-120	3	0-20	

RPD: Relative Percent Difference. CL: Control Limits



ANCHOR QEA, LLC	Date Received:	01/20/15
27201 Puerta Real, Suite 350	Work Order:	15-01-1163
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Pre	pared Dat	te Analyzed	LCS/LCSD B	atch Number
099-16-094-691	LCS	Aqu	ieous	ICP/MS 04	01/20/15	01/	21/15 14:32	150120L01	
099-16-094-691	LCSD	Aqu	ieous	ICP/MS 04	01/20/15	01/	22/15 01:02	150120L01	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec. Cl</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Arsenic	100.0	105.1	105	104.8	105	80-120	0	0-20	
Copper	100.0	101.9	102	102.2	102	80-120	0	0-20	
Lead	100.0	104.5	104	103.6	104	80-120	1	0-20	
Nickel	100.0	105.3	105	101.8	102	80-120	3	0-20	
Zinc	100.0	101.6	102	100.7	101	80-120	1	0-20	



ANCHOR QEA, LLC	Date Received:	01/20/15
27201 Puerta Real, Suite 350	Work Order:	15-01-1163
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Discharge		Page 3 of 4

Quality Control Sample ID	Туре	Mat	trix	Instrument	Date Pre	pared Date	Analyzed	LCS/LCSD Ba	atch Number
099-04-008-7290	LCS	Aqu	ueous	Mercury 04	01/27/15	01/2	8/15 14:11	150127L06	
099-04-008-7290	LCSD	Aqu	ueous	Mercury 04	01/27/15	01/2	8/15 15:10	150127L06	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> <u>%Rec.</u>	LCSD Conc.	LCSD %Rec.	%Rec. CL	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Mercury	10.00	10.69	107	10.76	108	85-121	1	0-10	

RPD: Relative Percent Difference. CL: Control Limits



ANCHOR QEA, LLC	Date Received:	01/20/15
27201 Puerta Real, Suite 350	Work Order:	15-01-1163
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
Project: San Diego Shipyard - North IUDP Discharge	9	Page 4 of 4

Quality Control Sample ID	Туре	Mati	ix	Instrument	Date Prep	pared Date	Analyzed	LCS/LCSD Ba	tch Number
099-12-533-997	LCS	Aqu	eous	GC 58	01/23/15	01/27	//15 11:35	150123L03A	
099-12-533-997	LCSD	Aqu	eous	GC 58	01/23/15	01/27	//15 12:09	150123L03A	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> <u>%Rec.</u>	LCSD Conc.	<u>LCSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Aroclor-1016	2.000	2.608	130	2.596	130	50-135	0	0-25	
Aroclor-1260	2.000	2.414	121	2.423	121	50-135	0	0-25	

RPD: Relative Percent Difference. CL: Control Limits



Glossary of Terms and Qualifiers

Work Order: 15-01-1163

Page 1 of 1 Qualifiers Definition * See applicable analysis comment. Less than the indicated value. < Greater than the indicated value. > Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further 1 clarification. 2 Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. 3 Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. Δ The MS/MSD RPD was out of control due to suspected matrix interference. The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. 5 6 Surrogate recovery below the acceptance limit. 7 Surrogate recovery above the acceptance limit. В Analyte was present in the associated method blank. ΒU Sample analyzed after holding time expired. ΒV Sample received after holding time expired. Е Concentration exceeds the calibration range. FT Sample was extracted past end of recommended max. holding time. HD The chromatographic pattern was inconsistent with the profile of the reference fuel standard. HDH The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). HDL The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is J estimated. JA Analyte positively identified but quantitation is an estimate. LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). ME ND Parameter not detected at the indicated reporting limit. Q Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. SG The sample extract was subjected to Silica Gel treatment prior to analysis.

- Х % Recovery and/or RPD out-of-range.
- Ζ Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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		Calscie	nce						. WQ #	⊧≀∙LA B U)	se onl	Ŷ				DATE		112	10	15			
7440 Lincoln Way, Gar For courier service / sa	den Grove, CA 928 mole drop off inform	41-1427 • (714) nation. contact us	895-5494 26. sales@eurofi	nsus com or	call us					15	j-()1-	11	63		PAGE		1 1	1		OF	1	
LABORATORY CLIENT:	Anchor QE	A							CLIEI	NT PROJ	ECT NA	ME / NU	JMBER:						P.O. 1	VO .:			
ADDRESS: 0720	1 Duarta Daal	Suite 250				*****			San	Diego	o Shi	pyaro	1s — 1	North	IUDP	Discha	irge				(201)		
		Suite 350		STATE	7IP [.]		**********		PRO.	JECT CO	NTACT:								SAMF	PLER(S):		onned	~
Misson Vi	ejo			OINTE.	CA	9269	1		Ac	dam (Gale)	019			/
^{TEL:} 949.347.2	780	E-MAIL:	ale@anchor	<u>qea.com</u>										R	EQUI	ESTE) AN	ALYS	SES				
TURNAROUND TIME (F	tush surcharges may ap	oply to any TAT not "	STANDARD"):									Ple	ease cl	neck bo	x or fill	in blank a	s need	ed.					
		1 48 HR 🛛	72 HR 🛛 5	DAYS	✤ STAND								pue										
I COELT EDF	TIO	60000	35950)									Dema	Solids									
	NS:		4. Ta	a L					1	i, Zn			ygen	ded 3									
Keporti	ante bret	- cande	annt 1	written	01					Pb, N		clors	al Ox	rsper									
Report J-flags *	BOHLE	800			-					, n	rcury	3 Aro	emic	tal St									
For EDF, use fiel	d point name	$\sim N.S^{V}$	arge samples			Ved	Ţ	ered		8 As,	1 Me	2 PCI	с с ^р	D To									·
LAB		SAM	PLING		NO.	orese	serve	d Filt		200.	v 245.	808.	5220	2540									
ONLY SA		DATE	TIME		CONT.	ц Ц	Pre	Fiel		EPA	EPA	EPA	SM	SM									
D-1D-	150120	1/20/15	074010840 049011640 11	10, WS	1		HNO₃			x	х												
D-10-	150120	1/20/15	044010340	ło _, ws	1		H₂SO₄						х										
D-1D-	150120	1/20/15	6740	ws	1	х						X											
D-1D-	-150120	1120/15	0740,0840,	, ws	1	х								х									
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	1		Pa	ge 20 of 20
eurotins	W	ORK ORDER #: 15	5-01-🛛	763
			Qualar	1 - 5 1
	SAWPLE REC	EIPTFORIM		
LIENT: ANCHO	2 QEA	DATE	: <u>01/2</u>	<u>V 15</u>
TEMPERATURE: Ther	mometer ID: SC4 (Criteria: 0.0 °C	= - 6.0 °C, not frozen except	t-sediment/tiss	sue)
Temperature	<u>5</u> °C + 0.2°C (CF) =	_ <u>1.7</u> °C ⊠ Blan	k 🗌 Sam	ple
Sample(s) outside ter	mperature criteria (PM/APM contac	ted by:)		
Sample(s) outside ter	mperature criteria but received on i	ce/chilled on same day of sar	mpling.	
□ Received at ambient	temperature, placed on ice fo	or transport by Courier.		
Ambient Temperature:	🗆 Air 🛛 🗆 Filter		Checked	by: <u>671</u>
				n an
		Not Procent	1/A Chackad	W G))
		Not Present	Checked	by $\frac{2}{965}$
			Checked	~ <u>,,</u>
SAMPLE CONDITION	:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with sar	nples		
COC document(s) receiv	/ed complete			
□ Collection date/time, ma	trix, and/or # of containers logged in ba	ased on sample labels.		
□ No analysis requested.	□ Not relinquished. □ No date/ti	me relinquished.		
Sampler's name indicate				
Sample container label(s) consistent with COC			
Proper containers and s	ufficient volume for analyses rec	nuested		
Analyses received within	holding time	,		
Aqueous samples re	ceived within 15-minute holding	time		
□ pH □ Residual Chlo	rine 🔲 Dissolved Sulfides 🔲 Disso	olved Oxygen 🛛		Æ
Proper preservation not	ed on COC or sample container	Þ		
□ Unpreserved vials red	ceived for Volatiles analysis			
Volatile analysis contain	er(s) free of headspace	🛛		Ø
Tedlar bag(s) free of con CONTAINER TYPE:	ndensation			Ø
Solid: □4ozCGJ □80	zCGJ □16ozCGJ □Sleeve() □EnCores [®] □Te	erraCores [®] [
Aqueous: □VOA □VO	Ah □VOAna₂ □125AGB □125	AGBh 🗆 125AGBp 🖉 1AG	B □1AGB na	l₂ □1AGB s
□500AGB □500AGJ	□500AGJs □250AGB □250	CGB 2250CGBs 21P	B □1PB na	□500PB
□250PB □250PBn □	125PB 125PB znna 100PJ	□100PJna2 2250PB114		
Air: □Tedlar [®] □Canis Container: C: Clear A: Amber Preservative: h: HCL n: HNO ₃ r	er Other: P: Plastic G: Glass J: Jar B: Bottle Z: Ziplo na ₂ :Na ₂ S ₂ O ₃ na: NaOH p: H ₃ PO ₄ s: H ₂ SO ₄ u:	k Lot#: Labe	eled/Checked Reviewed I ered Scanned	by: <u>465</u> by: <u>62</u> by: <u>87</u>

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INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer	_	*********** *	********					
San Diego Bay Enviro Restoration Fund No	orth Trust	RETURN RE	EPORT *					
Anchor QEA, Attn: Adam Gale		y dy *	*					
27201 Puerta Real, Suite 350		LD-MAR-2015 *						
Mission Viejo, CA 92691								
IU# Pmt#: 11-0564 01-A Conn: 100		ISMF#	: 160163					
Site Address: 2205 E Belt St, San Diego		Permitted IW Flow	<i>i</i> : 432000					
Sample Point: Check in will alert contact to trucker traffic. Sample tank Autosampler placed on the gro sample tank through top access Laboratory Name: Eurofins Calscience. Inc.	o escort s (SB7017) v und closes s hole/por	sampler where to drive will be located closest st to sample tank manho rt. * COPY OF ANALYS	& manage to bay. ble. Access					
Sample#: 0160163-01 Date: 2/04/15		Time(s): 0700,0800,09	00, 1000					
24 hour composite								
Sampler: N. Kennedy Descript	ion: <u>Clear</u>	water						
Parameter	Units	Daily Max	Result					
Chemical Oxygen Demand	mg/L		360					
Solids, Total Suspended	mg/L		54					
Copper, Total	mg/L		0.0497					
Lead, Total	mg/L		0.0314					
Nickel, Total	mg/L		0.0141					
Zinc, Total	mg/L		0.0715					
Arsenic, Total	mq/L	5	0.0293					
Mercury, Total	mg/L	.2	0.000150					
Sample#: 0160163-02 Date: <u>2/28/2015</u>		Time(s): 0700						
Evaluation only (no sample)								
Sampler: N. Kennedy Descript	ion: Clear	water						
Beginning Meter Read and Date	qals	2/01/2015	1,362,000					
Ending Meter Read and Date	qals	2/28/2015	1,425,300					
Average Flow/calendar day thru Connection	gpd		2,260					
Imported Flow During Period	gals		63,300					
- Maximum gals/min thru meter	gpm	300	300					
Minimum gals/min thru meter when dischargi.	ng gpm	50-	50					

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Pa	almer			*	*****	*******
San Diego	Bay Enviro Re	storation Fund Nort	h Trust	*	RETURN REP	ORT 🗼
Anchor QEA	A, Attn: Adam	Gale		*	by	*
27201 Puer	ta Real, Suit	e 350		*	15-MAR-20	15 🖌
Mission Vi	ejo, CA 926	91		*	******	*****
IU# Pmt#: 11-05	564 01-A	Conn: 100			ISMF#:	160163
Site Address:	2205 E Belt \$	St, San Diego		Permi	tted IW Flow:	432000
Sample Point:	Check in will trucker traff Autosampler p sample tank t	alert contact to e fic. Sample tank (SP placed on the ground through top access h	escort sa 37017) wi d closest nole/port	mpler whe ll be loc to sample	re to drive & ated closest e tank manhol	manage to bay. e. Access
Laboratory Nam	e: Eurofins Calso	cience, Inc.		* CO	PY OF ANALYSI	S REQUIRED *
Sample#: 01601	63-03 Date:	2/04/2015		Time(s):	0700	
Pesticide and	PCB grab					
Sampler: N. Ker	ınedy	Descriptio	n: Clear w	vater		
PCB's, Total			ug/L	3		<0.96

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under STANDARD CONDITIONS, Signatory Requirements.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

<u>z-15-15</u> Feb ZOIS report due date monitoring period

facility number

Signature (Attach to Industry Self-Monitoring Form)

J:\SHARED\Compliance\SM Certification forms\SMR Cert.docx

WORK ORDER NUMBER: 15-02-0310

Calscience



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AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For Client: ANCHOR QEA, LLC Client Project Name: San Diego Shipyard - North IUDP Discharge Attention: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691-8306

Danillefonce-

Approved for release on 02/13/2015 by: Danielle Gonsman Project Manager



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1432 * TEL: (714) 895-5494 * FAX: (714) 894-7501 * www.calscience.com

NELAP ID: 03220CA | ACLASS DoD-ELAP ID: ADE-1864 (ISO/IEC 17025:2005) | CSDLAC ID: 10109 | SCAQMD ID: 93LA0830

ResultLink >

Email your PM >

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Calscience

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Client Proj Work Orde	Name:San Diego Shipyard - North IUDP Dischargelumber:15-02-0310	
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3	Silient Sample Data1 SM 2540 D Total Suspended Solids (Aqueous)2 SM 5220 C Chemical Oxygen Demand (Aqueous)3 EPA 200.8 ICP/MS Metals (Aqueous)4 EPA 245.1 Mercury (Aqueous)5 EPA 8082 PCB Aroclors (Aqueous).	5 5 . 6 . 7 . 8 . 9
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5	Blossary of Terms and Qualifiers	. 18
6	hain-of-Custody/Sample Receipt Form	19

Work Order: 15-02-0310

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 02/04/15. They were assigned to Work Order 15-02-0310.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.



Client:	ANCHOR QEA, LLC		Work Order:	15-02-0310
	27201 Puerta Real, Su	uite 350	Project Name:	San Diego Shipyard - North IUDP Discharge
	Mission Viejo, CA 926	91-8306	PO Number:	
			Date/Time Received:	02/04/15 19:50
			Number of Containers:	4
Attn:	Adam Gale			
Sample Ic	lentification	Lab Number	Collection Date and Tir	ne Number of Matrix Containers
D-1D-1502	204	15-02-0310-1	02/04/15 07:00	4 Aqueous

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1.00

0.95



Solids, Total Suspended

ANCHOR QEA, LLC			Date Receiv	/ed:		02/04/15			
27201 Puerta Real, Suite 350			Work Order	:		15-02-0310			
Mission Viejo, CA 92691-8306			Preparation	:			N/A		
			Method:				SM 2540 D		
			Units:				mg/L		
Project: San Diego Shipyard - North IUDP Discharge Page 1 of 1									
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID		
D-1D-150204	15-02-0310-1-D	02/04/15 07:00	Aqueous	N/A	02/09/15	02/09/15 17:00	F0209TSSL2		
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are	qualified with a	"J" flag.		
Parameter	<u>Result</u>		<u>RL</u>	MDL	DF	<u>Q</u>	<u>ualifiers</u>		
Solids, Total Suspended	54		1.0	0.95	1.00				
Method Blank	099-09-010-7039	N/A	Aqueous	N/A	02/09/15	02/09/15 17:00	F0209TSSL2		
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are	qualified with a	"J" flag.		
-			-		55	0			

1.0

ND

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ANCHOR QEA, LLC			Date Receiv	/ed:			02/04/15
27201 Puerta Real, Suite 350			Work Order	:			15-02-0310
Mission Viejo, CA 92691-8306			Preparation	:			N/A
			Method:				SM 5220 C
			Units:				mg/L
Project: San Diego Shipyard - North	IUDP Discharge	9				Pa	age 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150204	15-02-0310-1-B	02/04/15 07:00	Aqueous	BUR06	02/10/15	02/10/15 22:00	F0210ODB4
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are	qualified with a	a "J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	<u>Qualifiers</u>
Chemical Oxygen Demand	360		5.0	4.8	1.00		
Method Blank	099-05-114-137	N/A	Aqueous	BUR06	02/10/15	02/10/15 22:00	F0210ODB4
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are	qualified with a	a "J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	<u>Qualifiers</u>
Chemical Oxygen Demand	ND		5.0	4.8	1.00		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



ANCHOR QE	EA, LLC			Date Recei	ved:			02/04/15	
27201 Puerta	a Real, Suite 350			Work Order	r:			15-02-0310	
Mission Viejo	o, CA 92691-8306			Preparation	1:			N/A	
,				Method:			EPA 200.8		
				Units:				ua/L	
Project: San	Diego Shipyard - North	h IUDP Discharge	e	•			Pa	age 1 of 1	
Client Sample N	umber	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-1D-150204		15-02-0310-1-A	02/04/15 07:00	Aqueous	ICP/MS 03	02/05/15	02/07/15 12:48	150205LA2	
Comment(s):	- The reporting limit is elev	vated resulting from m	atrix interfere	ence.					
	- Results were evaluated t	o the MDL (DL), cond	entrations >=	to the MDL (DI	L) but < RL (LO	Q), if found, are	qualified with a	ı "J" flag.	
Parameter		<u>Resu</u>	<u>lt</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers	
Arsenic		29.3		10.0	3.86	10.0	E	3	
Copper		49.7		10.0	1.40	10.0			
Lead		31.4		10.0	0.898	10.0			
Nickel		14.1		10.0	1.32	10.0			
Zinc		71.5		50.0	4.79	10.0			
Method Blank		099-16-094-712	N/A	Aqueous	ICP/MS 03	02/05/15	02/06/15 18:43	150205LA2	
Comment(s):	- Results were evaluated t	o the MDL (DL), cond	entrations >=	to the MDL (D	L) but < RL (LO	Q), if found, are	qualified with a	ı "J" flag.	
Parameter		Resu	<u>lt</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers	
Arsenic		0.404	ļ	1.00	0.386	1.00		I	
Copper		ND		1.00	0.140	1.00			
Lead		ND		1.00	0.0898	1.00			
Nickel		ND		1.00	0.132	1.00			
Zinc		ND		5.00	0.479	1.00			

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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ANCHOR QEA, LLC			Date Receiv	/ed:		02/04/15		
27201 Puerta Real, Suite 350			Work Order	:		15-02-0310		
Mission Viejo, CA 92691-8306			Preparation	:		EP	A 245.1 Total	
			Method:				EPA 245.1	
			Units:				ug/L	
Project: San Diego Shipyard - North	IUDP Discharge)				Pa	ge 1 of 1	
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-1D-150204	15-02-0310-1-A	02/04/15 07:00	Aqueous	Mercury 04	02/11/15	02/11/15 13:39	150211L01A	
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LOC	Q), if found, are	qualified with a	"J" flag.	
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	<u>DF</u>	<u>Q</u>	ualifiers	
Mercury	0.150		0.200	0.0453	1.00	J		
Method Blank	099-04-008-7311	N/A	Aqueous	Mercury 04	02/11/15	02/11/15 13:28	150211L01A	
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LOC	Q), if found, are	qualified with a	"J" flag.	
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	<u>DF</u>	<u>Q</u>	ualifiers	
Mercury	ND		0.200	0.0453	1.00			



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	al	IS	C	le	n	C	e

ANCHOR QEA, LLC	Date Received:	02/04/15
27201 Puerta Real, Suite 350	Work Order:	15-02-0310
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
	Units:	ug/L
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 1

Analytical Report

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150204	15-02-0310-1-C	02/04/15 07:00	Aqueous	GC 31	02/06/15	02/10/15 13:16	150206L09
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LOC	Q), if found, are c	ualified with a "	J" flag.
Parameter	Result	<u>t</u>	<u>RL</u>	MDL	<u>DF</u>	<u>Qu</u>	<u>alifiers</u>
Aroclor-1016	ND		0.96	0.28	1.00		
Aroclor-1221	ND		0.96	0.27	1.00		
Aroclor-1232	ND		0.96	0.24	1.00		
Aroclor-1242	ND		0.96	0.17	1.00		
Aroclor-1248	ND		0.96	0.19	1.00		
Aroclor-1254	ND		0.96	0.22	1.00		
Aroclor-1260	ND		0.96	0.25	1.00		
Aroclor-1262	ND		0.96	0.25	1.00		
Surrogate	<u>Rec. (</u>	<u>%)</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphenyl	86		50-135				
2,4,5,6-Tetrachloro-m-Xylene	81		50-135				

Method Blank	099-12-533-10	02 N/A	Aqueous	GC 31	02/06/15	02/10/15 12:14	150206L09
Comment(s):	- Results were evaluated to the MDL (DL),	concentrations >	= to the MDL (DL	_) but < RL (LOQ), if found, are o	qualified with a	a "J" flag.
Parameter	<u>R</u>	Result	<u>RL</u>	MDL	DF	<u>(</u>	<u>Qualifiers</u>
Aroclor-1016	Ν	1D	1.0	0.29	1.00		
Aroclor-1221	Ν	1D	1.0	0.28	1.00		
Aroclor-1232	Ν	1D	1.0	0.25	1.00		
Aroclor-1242	Ν	1D	1.0	0.18	1.00		
Aroclor-1248	Ν	1D	1.0	0.20	1.00		
Aroclor-1254	Ν	1D	1.0	0.23	1.00		
Aroclor-1260	Ν	1D	1.0	0.26	1.00		
Aroclor-1262	Ν	1D	1.0	0.26	1.00		
Surrogate	R	<u>Rec. (%)</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphe	nyl 8	4	50-135				
2,4,5,6-Tetrachlo	pro-m-Xylene 7	7	50-135				

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



ANCHOR QEA, LLC	Date Received:	02/04/15
27201 Puerta Real, Suite 350	Work Order:	15-02-0310
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 2

Quality Control Sample ID	Туре		Matrix	I	nstrument	Date Prepared	Date Ana	lyzed	MS/MSD Bat	ch Number
D-1D-150204	Sample		Aqueous		CP/MS 03	02/05/15	02/07/15	12:48	150205SA2/	4
D-1D-150204	Matrix Spike		Aqueous	- I	CP/MS 03	02/05/15	02/09/15	14:11	150205SA2	4
D-1D-150204	Matrix Spike	Duplicate	Aqueous	- I	CP/MS 03	02/05/15	02/09/15	14:15	150205SA2/	4
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> %Rec	<u>MSD</u> <u>Conc.</u>	<u>MSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Arsenic	29.26	100.0	117.2	88	118.5	89	80-120	1	0-20	
Copper	49.70	100.0	142.5	93	148.8	99	80-120	4	0-20	
Lead	31.41	100.0	148.7	117	150.0	119	80-120	1	0-20	
Nickel	14.10	100.0	112.7	99	113.7	100	80-120	1	0-20	
Zinc	71.53	100.0	162.4	91	164.7	93	80-120	1	0-20	

RPD: Relative Percent Difference. CL: Control Limits



ANCHOR QEA, LLC	Date Received:	02/04/15
27201 Puerta Real, Suite 350	Work Order:	15-02-0310
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 2

Quality Control Sample ID	Туре		Matrix	In	strument	Date Prepared	Date Ana	yzed	MS/MSD Bat	tch Number
15-02-0347-2	Sample		Aqueous	M	ercury 04	02/11/15	02/11/15	13:33	150211S01	
15-02-0347-2	Matrix Spike		Aqueous	M	ercury 04	02/11/15	02/11/15	13:35	150211S01	
15-02-0347-2	Matrix Spike I	Duplicate	Aqueous	M	ercury 04	02/11/15	02/11/15	13:37	150211S01	
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> %Rec.	<u>MSD</u> Conc.	<u>MSD</u> %Rec.	%Rec. CL	<u>RPD</u>	RPD CL	Qualifiers
Mercury	ND	10.00	10.15	102	10.61	106	57-141	4	0-10	



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	02/04/15
27201 Puerta Real, Suite 350	Work Order:	15-02-0310
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 2

Quality Control Sample ID Туре Matrix Instrument Date Prepared Date Analyzed Duplicate Batch Number 15-02-0354-1 02/09/15 00:00 02/09/15 17:00 F0209TSSD2 Sample N/A Aqueous 15-02-0354-1 Sample Duplicate Aqueous N/A 02/09/15 00:00 02/09/15 17:00 F0209TSSD2 DUP Conc. RPD CL Parameter Sample Conc. <u>RPD</u> **Qualifiers** Solids, Total Suspended 3.800 3.600 5 0-20

RPD: Relative Percent Difference. CL: Control Limits



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	02/04/15
27201 Puerta Real, Suite 350	Work Order:	15-02-0310
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 5220 C
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
D-1D-150204	Sample	Aqueous	BUR06	02/10/15 00:00	02/10/15 22:00	F0210ODD4
D-1D-150204	Sample Duplicate	Aqueous	BUR06	02/10/15 00:00	02/10/15 22:00	F0210ODD4
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand		357.0	349.0	2	0-25	





ANCHOR QEA, LLC	Date Received:	02/04/15
27201 Puerta Real, Suite 350	Work Order:	15-02-0310
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 4

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Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Pre	pared Date	e Analyzed	LCS/LCSD Ba	tch Number
099-09-010-7039	LCS	Αqι	ieous	N/A	02/09/15	02/0	9/15 17:00	F0209TSSL2	
099-09-010-7039	LCSD	Αqι	ieous	N/A	02/09/15	02/0	9/15 17:00	F0209TSSL2	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	<u>RPD</u>	RPD CL	Qualifiers
Solids, Total Suspended	100.0	95.00	95	100.0	100	80-120	5	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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ANCHOR QEA, LLC	Date Received:	02/04/15
27201 Puerta Real, Suite 350	Work Order:	15-02-0310
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 4

Project: San Diego Shipyard - North IUDP Discharge

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Pre	pared	Date	Analyzed	LCS/LCSD Ba	atch Number
099-16-094-712	LCS	Aqu	eous	ICP/MS 03	02/05/15		02/06	/15 18:46	150205LA2	
099-16-094-712	LCSD	Aqu	eous	ICP/MS 03	02/05/15		02/09	/15 15:44	150205LA2	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	%Rec.	CL	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Arsenic	100.0	99.43	99	103.3	103	80-120)	4	0-20	
Copper	100.0	98.41	98	101.3	101	80-120)	3	0-20	
Lead	100.0	96.67	97	97.73	98	80-120)	1	0-20	
Nickel	100.0	92.91	93	94.71	95	80-120)	2	0-20	
Zinc	100.0	112.7	113	101.8	102	80-120)	10	0-20	



ANCHOR QEA, LLC	Date Received:	02/04/15
27201 Puerta Real, Suite 350	Work Order:	15-02-0310
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Discharge		Page 3 of 4

Quality Control Sample ID	Туре		rix	Instrument Date F		pared Dat	te Analyzed	LCS/LCSD Batch Number	
099-04-008-7311	LCS	Aqu	leous	Mercury 04	02/11/15	02/	11/15 13:30	150211L01A	
099-04-008-7311	LCSD	Aqu	leous	Mercury 04	02/11/15	02/	11/15 20:38	150211L01A	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> <u>%Rec.</u>	LCSD Conc.	LCSD %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Mercury	10.00	10.30	103	9.885	99	85-121	4	0-10	

RPD: Relative Percent Difference. CL: Control Limits


	Data Reasived:	02/04/15
ANCHOR QEA, LLC	Dale Received.	02/04/15
27201 Puerta Real, Suite 350	Work Order:	15-02-0310
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
Project: San Diego Shipyard - North IUDP Discharge		Page 4 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Prep	ared Date	Analyzed	LCS/LCSD Ba	atch Number
099-12-533-1002	LCS	Aqu	ieous	GC 31	02/06/15	02/10	0/15 11:36	150206L09	
099-12-533-1002	LCSD	Aqu	ieous	GC 31	02/06/15	02/10	0/15 12:38	150206L09	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Aroclor-1016	2.000	1.850	93	1.886	94	50-135	2	0-25	
Aroclor-1260	2.000	1.959	98	1.994	100	50-135	2	0-25	

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Calscience

Work Order: 15-02-0310

Glossary of Terms and Qualifiers

Qualifiers Definition * See applicable analysis comment. Less than the indicated value. < Greater than the indicated value. > Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further 1 clarification. 2 Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. 3 Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. Δ The MS/MSD RPD was out of control due to suspected matrix interference. The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. 5 6 Surrogate recovery below the acceptance limit. 7 Surrogate recovery above the acceptance limit. В Analyte was present in the associated method blank. ΒU Sample analyzed after holding time expired. ΒV Sample received after holding time expired. Е Concentration exceeds the calibration range. FT Sample was extracted past end of recommended max. holding time. HD The chromatographic pattern was inconsistent with the profile of the reference fuel standard. HDH The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). HDL The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is J estimated. JA Analyte positively identified but quantitation is an estimate. LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). ME ND Parameter not detected at the indicated reporting limit. Q Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. SG The sample extract was subjected to Silica Gel treatment prior to analysis. Х % Recovery and/or RPD out-of-range. Ζ Analyte presence was not confirmed by second column or GC/MS analysis. Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis. Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lin	ہ coln Way, Garden Grove, CA 9284	Gaiscie 11-1427 • (714)	895-5494						1	5-0)2	-0;	31(D		PA	ATE:	C	Z	<u> </u>	$\underline{\omega}$	OF		1
For couri	er service / sample drop off inform	ation, contact us	26_sales@eurofi	nsus.com or	call us.				CLIEI	NT PRO	JECT NA	ME / NU	JMBER:			*****				P.O. N	NO.:			
	Anchor QE	A							San Diego Shipvards – North IUDP Discharge															
ADDRE	^{ss:} 27201 Puerta Real,	Suite 350							PRO	IECT CC	ONTACT							<u> </u>		SAMF	PLER(S)	: (PRINT)	
CITY:	Misson Viejo		******	STATE:	CA	9269 ⁻	1		Ad	dam	Gale	!									Ni	U	Ker	ined
TEL:	949.347.2780	E-MAIL:	ale@anchor	<u>qea.com</u>										R	EQU	EST	ED	ANA	ALYS	SES				
TURNA	ROUND TIME (Rush surcharges may ap	ply to any TAT not "	STANDARD"):									Ple	ease cl	neck b	ox or fil	l in bla	nk as	neede	ed.					
		48 HR 🛛	72 HR 🛛 5	DAYS			ODE.						pue											
X C	OELT EDF TIO	10000	3590	>			002.					-	Dema	Solids										
SPECIA Repo For E	LINSTRUCTIONS: -COUS HUNG to The Way only for tort J-flags EDF, use field point name "D-fl USC "D-1D-"	e No(M st Sam Un bac Nor all discha	n Trus ple pour ffles arge samples	i 17		erved	ed	Itered		0.8 As, Cu, Pb, Ni, Zn	5.1 Mercury	82 PCB Aroclors	0 C Chemical Oxygen	0 D Total Suspended S										
LAB USE	SAMPLE ID	SAMI DATE	PLING TIME	MATRIX	NO. OF	Jnpres	resen	Field Fi		PA 20	PA 24	PA 80	M 522	M 254										
	D-10-150204	71412015	0100 0560	ws	1		HNO ₃			X	X	<u> </u>	0	0)										
2	D-10-150204	21412015	0700,0700,	ws	1		H₂SO₄					-	х											
R	D-10-150204-	Ultinos	0700	WS	1	x				5		х											· •	
4	0-10-150204	114/205	0700,0360,	ws	1	х		<u> </u>						х										
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eurorins	· W		5-02-0	311
	Calscience			
	SAMPLE REC	CEIPT FORM	Cooler _	<u> </u>
CLIENT: ANCHO	P. QEA	DAT	e: <u>02 /0</u> 4	4/15
TEMPERATURE: The	rmometer ID: SC4 (Criteria: 0.0 °C	C – 6.0 °C, not frozen excer	ot sediment/tis	sue)
Temperature	• 5 °C + 0.2 °C (CF) =	l. ? °C ∠ Blar	nk 🗌 Sam	ple
□ Sample(s) outside te	mperature criteria (PM/APM contac	cted by:		
☐ Sample(s) outside te	mperature criteria but received on	ice/chilled on same day of sa	ampling.	
Received at ambien	t temperature, placed on ice f	or transport by Courier.	1 0	
Ambient Temperature			Checked	by:Gl
Ambient remperature.				· ~/· <u>~_</u>
CUSTODY SEALS IN	TACT:			
□ Cooler □	□ No (Not Intact)	🖻 Not Present 🛛 🗅 N	N/A Checked	by: <u>61</u>
□ Sample □	No (Not Intact)	🖉 Not Present	Checked	by: <u>862</u>
				NU/A
SAMPLE CONDITION	l:	res		N/A
	,) document(s) received with sai			
	veu complete	ased on sample labels		
 No analysis requested. 	□ Not relinquished. □ No date/t	ime relinquished.		
Sampler's name indicate	ed on COC			
Sample container label(s) consistent with COC			
Sample container(s) inta	act and good condition	<i>p</i> í		
Proper containers and s	ufficient volume for analyses rec	quested 🛛		
Analyses received within	n holding time	p		
Aqueous samples re	ceived within 15-minute holding	time		
🗆 pH 🛛 Residual Chlo	rine	olved Oxygen 🛛		Ø
Proper preservation not	ed on COC or sample container			
Unpreserved vials re	ceived for Volatiles analysis			,
Volatile analysis contair	er(s) free of headspace			Ø
Tedlar bag(s) free of concentration CONTAINER TYPE:	ndensation	0		Þ
Solid: □4ozCGJ □80	bzCGJ □16ozCGJ □Sleeve () □EnCores [®] □T	erraCores [®]]
Aqueous: □VOA □VO	A h □VOA na₂ □125AGB □125	AGBh □125AGBp ∅1AG	BB⊡1AGB na	₂ □1AGB s
□500AGB □500AGJ	□500AGJs □250AGB □250)CGB /1250CGBs /1P	PB □1PB na	□500PB
□250PB / 250PBn, □	125PB □125PB znna □100PJ	□100PJ na ₂ □	□ (]
Air: DTedlar [®] Canisi Container: C: Clear A: Amber Preservative: h: HCL n: HNO ₃ r	er Other: Trip Blan P: Plastic G: Glass J: Jar B: Bottle Z: Zipk na2:Na2S2O3 na: NaOH p: H3PO4 s: H2SO4 u:	k Lot#: Labo pc/Resealable Bag E: Envelope Ultra-pure znna: ZnAc ₂ +NaOH f: Filte	eled/Checked I Reviewed b ered Scanned	by: <u>867</u> by: <u>681</u> by: <u>681</u>

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INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restoration Fund Anchor QEA, Attn: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691	************ * RETURN RE * by * 15-APR-2 ********	********* PORT * * 2015 * *******	
IU# Pmt#: 11-0564 01-A Conn: 100		ISMF#	: 160568
Site Address: 2205 E Belt St, San Diego		Permitted IW Flow	<i>i</i> : 432000
Sample Point: Check in will alert contac trucker traffic. Sample ta Autosampler placed on the sample tank through top ac Laboratory Name: Eurofins Calscience, Inc.	t to escort s nk (SB7017) w ground closes cess hole/por	ampler where to drive will be located closest t to sample tank manho t. * COPY OF ANALYS	& manage to bay. Dle. Access SIS REQUIRED *
Sample#: 0160568-01 Date: <u>3/19/2015</u>		Time(s): 0810,0855,09	40, 1025
24 hour composite		water	
Sampler: N. Kennedy Descr	uption: Clear	water	
Parameter	Units	Daily Max	Result
Chemical Oxygen Demand	mg/L		370
Solids, Total Suspended	mg/L		12
Copper, Total	mg/L		0.0555
Lead, Total	mg/L		0.0683
Nickel, Total	mg/L		0.0140
Zinc, Total	mg/L		0.0960
Arsenic, Total	mg/L	5	0.00984
Mercury, Total	mg/L	.2	<0.0002
Sample#: 0160568-02 Date: 3/19/2015		Time(s): 0810,0855,094	40, 1025
Evaluation only (no sample)		i	
Sampler: N. Kennedy Descr	iption: <u>Clear</u>	water	
Beginning Meter Read and Date	gals	3/1/2015	1,425,300
Ending Meter Read and Date	qals	3/31/201	5 1,457,200
Average Flow/calendar day thru Connecti	on qpd		1,029
Imported Flow During Period	qals		31,900
Maximum gals/min thru meter	apm	300	300
Minimum gals/min thru meter when discha	rging gpm	50-	50

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer	*****
San Diego Bay Enviro Restoration Fund North Trust	. RETURN REPORT
Anchor QEA, Attn: Adam Gale	* by *
27201 Puerta Real, Suite 350	* 15-APR-2015 *
Mission Viejo, CA 92691	*****
IU# Pmt#: 11-0564 01-A Conn: 100	ISMF#: 160568
Site Address: 2205 E Belt St, San Diego	Permitted IW Flow: 432000
Sample Point: Check in will alert contact to escort sample trucker traffic. Sample tank (SB7017) will b Autosampler placed on the ground closest to sample tank through top access hole/port.	er where to drive & manage be located closest to bay. sample tank manhole. Access
Laboratory Name: Eurofins Calscience, Inc.	* COPY OF ANALYSIS REQUIRED *
Sample#: 0160568-03 Date: <u>3/19/2015</u> Time	e(s): 0810
Pesticide and PCB grab	
Sampler: N. Kennedy Description: Clear water	
PCB's, Total ug/L 3	<0.96

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u> <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

facility number

report due date

monitoring period

Print Name

Signature (Attach to Industry Self-Monitoring Form)

Date

J:\SHARED\Compliance\SM Certification forms\SMR Cert.docx

WORK ORDER NUMBER: 15-03-1587

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AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For Client: ANCHOR QEA, LLC Client Project Name: San Diego Shipyard - North IUDP Discharge Attention: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691-8306

Danillefonce-

Approved for release on 03/31/2015 by: Danielle Gonsman Project Manager



ResultLink >

Email your PM >

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1432 * TEL: (714) 895-5494 * FAX: (714) 894-7501 * www.calscience.com

NELAP ID: 03220CA | ACLASS DoD-ELAP ID: ADE-1864 (ISO/IEC 17025:2005) | CSDLAC ID: 10109 | SCAQMD ID: 93LA0830

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6	Chain-of	-Custody/Sample Receipt Form	19

Work Order: 15-03-1587

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 03/19/15. They were assigned to Work Order 15-03-1587.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.



Client:	ANCHOR QEA	, LLC	Work Order:		15-03-1587
	27201 Puerta R	eal, Suite 350	Project Name:	San Diego Shipyard - Nort	h IUDP Discharge
	Mission Viejo, C	CA 92691-8306	PO Number:		
			Date/Time Received:		03/19/15 19:05
			Number of Containers:		4
Attn:	Adam Gale				
Sample Ic	dentification	Lab Number	Collection Date and	J Time Number of Containers	Matrix
D-1D-1503	319	15-03-1587-1	03/19/15 08:10	4	Aqueous



Solids, Total Suspended

ANCHOR QEA, LLC			Date Receiv	ved:			03/19/15
27201 Puerta Real, Suite 350			Work Order:				15-03-1587
Mission Viejo, CA 92691-8306			Preparation:				N/A
			Method:				SM 2540 D
			Units:				mg/L
Project: San Diego Shipyard - North	IUDP Discharge					Pag	e 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150319	15-03-1587-1-D	03/19/15 08:10	Aqueous	N/A	03/25/15	03/25/15 20:00	F0325TSSL1
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LOC	Q), if found, are o	qualified with a "	J" flag.
Parameter	<u>Result</u>		<u>RL</u>	MDL	DF	<u>Q</u> ı	<u>ualifiers</u>
Solids, Total Suspended	12		1.0	0.83	1.00		
Method Blank	099-09-010-7114	N/A	Aqueous	N/A	03/25/15	03/25/15 20:00	F0325TSSL1
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LOC	Q), if found, are o	qualified with a "	J" flag.
Parameter	<u>Result</u>		<u>RL</u>	MDL	DF	<u>Qı</u>	ualifiers

1.0

0.83

1.00

ND

Return to Contents

1.00



Chemical Oxygen Demand

			Data Baasi	vod:			02/10/15
ANCHOR QEA, LLC			Date Recen	/eu.			03/19/15
27201 Puerta Real, Suite 350			Work Order	:			15-03-1587
Mission Viejo, CA 92691-8306			Preparation	:			N/A
			Method:				SM 5220 C
			Units:				mg/L
Project: San Diego Shipyard - North	IUDP Discharge)				Pa	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150319	15-03-1587-1-B	03/19/15 08:10	Aqueous	BUR06	03/24/15	03/24/15 18:00	F0324ODB3
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers
Chemical Oxygen Demand	370		5.0	4.8	1.00		
Method Blank	099-05-114-139	N/A	Aqueous	BUR06	03/24/15	03/24/15 18:00	F0324ODB3
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers

5.0

4.8

ND



ANCHOR QEA,	LLC			Date Receiv	ved:			03/19/15	
27201 Puerta R	eal, Suite 350			Work Order				15-03-1587	
Mission Viejo, C	CA 92691-8306			Preparation	1:			N/A	
				Method:				EPA 200.8	
				Units:				ug/L	
Project: San Diego Shipyard - North IUDP Discharge Page 1 of									
Client Sample Num	ber	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-1D-150319		15-03-1587-1-A	03/19/15 08:10	Aqueous	ICP/MS 03	03/20/15	03/24/15 01:17	150320LA1B	
Comment(s): - 7	The reporting limit is eleva	ated resulting from m	atrix interfere	nce.					
- F	Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	_) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.	
Parameter		<u>Resul</u>	<u>t</u>	<u>RL</u>	MDL	DF	<u>C</u>	<u>ualifiers</u>	
Arsenic		9.84		10.0	3.86	10.0	J		
Copper		55.5		10.0	1.40	10.0			
Lead		68.3		10.0	0.898	10.0			
Nickel		14.0		10.0	1.32	10.0			
Zinc		96.0		50.0	4.79	10.0			
Method Blank		099-16-094-774	N/A	Aqueous	ICP/MS 04	03/20/15	03/20/15 22:30	150320LA1B	
Comment(s): - F	Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	_) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.	
Parameter		<u>Resul</u>	<u>t</u>	<u>RL</u>	MDL	DF	<u>C</u>	ualifiers	
Arsenic		ND		1.00	0.386	1.00			
Copper		ND		1.00	0.140	1.00			
Lead		ND		1.00	0.0898	1.00			
Nickel		ND		1.00	0.132	1.00			
Zinc		ND		5.00	0.479	1.00			



ANCHOR QEA, LLC			Date Receiv	/ed:			03/19/15
27201 Puerta Real, Suite 350			Work Order	:			15-03-1587
Mission Viejo, CA 92691-8306			Preparation	:		EF	A 245.1 Total
			Method:				EPA 245.1
			Units:				ug/L
Project: San Diego Shipyard - North	IUDP Discharge)				Pa	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150319	15-03-1587-1-A	03/19/15 08:10	Aqueous	Mercury 04	03/20/15	03/20/15 18:53	150320L07A
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LOC	Q), if found, are o	qualified with a	"J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	<u>DF</u>	<u>C</u>	<u>ualifiers</u>
Mercury	ND		0.200	0.0453	1.00		
Method Blank	099-04-008-7363	N/A	Aqueous	Mercury 04	03/20/15	03/20/15 18:26	150320L07A
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LOC	Q), if found, are o	qualified with a	"J" flag.
Parameter	<u>Resul</u>	<u>t</u>	<u>RL</u>	MDL	<u>DF</u>	<u>C</u>	<u>ualifiers</u>
Mercury	ND		0.200	0.0453	1.00		



ANCHOR QEA, LLC	Date Received:	03/19/15
27201 Puerta Real, Suite 350	Work Order:	15-03-1587
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
	Units:	ug/L
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 1

Analytical Report

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150319	15-03-1587-1-C	03/19/15 08:10	Aqueous	GC 58	03/20/15	03/21/15 19:44	150320L08
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LOC	a), if found, are c	ualified with a "	J" flag.
Parameter	Result	<u>t</u>	<u>RL</u>	MDL	DF	<u>Qu</u>	alifiers
Aroclor-1016	ND		0.96	0.28	1.00		
Aroclor-1221	ND		0.96	0.27	1.00		
Aroclor-1232	ND		0.96	0.24	1.00		
Aroclor-1242	ND		0.96	0.17	1.00		
Aroclor-1248	ND		0.96	0.19	1.00		
Aroclor-1254	ND		0.96	0.22	1.00		
Aroclor-1260	ND		0.96	0.25	1.00		
Aroclor-1262	ND		0.96	0.25	1.00		
Surrogate	<u>Rec. (</u>	<u>%)</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphenyl	86		50-135				
2,4,5,6-Tetrachloro-m-Xylene	79		50-135				

099-12-533-1010	6 N/A	Aqueous	GC 58 (03/20/15	03/21/15 19:08	150320L08
Results were evaluated to the MDL (DL), cc	oncentrations >= te	o the MDL (DL)	but < RL (LOQ),	, if found, are q	ualified with a	a "J" flag.
Re	<u>sult</u>	<u>RL</u>	MDL	DF	<u>(</u>	<u>Qualifiers</u>
ND) 1	1.0	0.29	1.00		
ND) 1	1.0	0.28	1.00		
ND) 1	1.0	0.25	1.00		
ND) 1	1.0	0.18	1.00		
ND) 1	1.0	0.20	1.00		
ND) 1	1.0	0.23	1.00		
ND) 1	1.0	0.26	1.00		
ND)	1.0	0.26	1.00		
Re	<u>c. (%)</u>	Control Limits	<u>Qualifiers</u>			
yl 100	0 5	50-135				
p-m-Xylene 87	ŧ	50-135				
	099-12-533-101 Results were evaluated to the MDL (DL), cc Re NE NE NE NE NE NE NE NE NE NE	099-12-533-1016 N/A Results were evaluated to the MDL (DL), concentrations >= t Result I ND 1 ND 100 Imm-Xylene 87	099-12-533-1016 N/A Aqueous Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) Result RL ND 1.0 ND 1.0 ND 1.0 ND	099-12-533-1016 N/A Aqueous GC 58 Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ).	O99-12-533-1016 N/A Aqueous GC 58 03/20/15 Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are q	099-12-533-1016 N/A Aqueous GC 58 03/20/15 03/21/15 19:08 Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a Result



ANCHOR QEA, LLC	Date Received:	03/19/15
27201 Puerta Real, Suite 350	Work Order:	15-03-1587
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 2

Quality Control Sample ID	Туре		Matrix	Ir	nstrument	Date Prepared	Date Ana	lyzed	MS/MSD Ba	tch Number
D-1D-150319	Sample		Aqueous	IC	CP/MS 03	03/20/15	03/24/15	01:17	150320SA1/	4
D-1D-150319	Matrix Spike		Aqueous	- 10	CP/MS 03	03/20/15	03/24/15	01:06	150320SA1/	4
D-1D-150319	Matrix Spike	Duplicate	Aqueous	IC	CP/MS 03	03/20/15	03/24/15	01:10	150320SA1/	4
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> <u>Added</u>	<u>MS</u> Conc.	<u>MS</u> %Rec.	MSD Conc.	<u>MSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Arsenic	ND	100.0	107.5	108	107.0	107	80-120	0	0-20	
Copper	55.49	100.0	130.3	75	127.9	72	80-120	2	0-20	3
Lead	68.28	100.0	180.0	112	177.0	109	80-120	2	0-20	
Nickel	14.01	100.0	94.56	81	94.93	81	80-120	0	0-20	
Zinc	96.01	100.0	190.7	95	176.1	80	80-120	8	0-20	

RPD CL

0-10

Qualifiers



Mercury

ND

Quality Control - Spike/Spike Duplicate

ANCHOR QEA, LLC	Date Received:	03/19/15
27201 Puerta Real, Suite 350	Work Order:	15-03-1587
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Filt.
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Discharg	Je	Page 2 of 2

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9.077

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57-141

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Quality Control Sample ID Туре Matrix Instrument Date Prepared Date Analyzed MS/MSD Batch Number 15-03-1441-2 03/20/15 Sample Aqueous Mercury 04 03/20/15 18:31 150320S07 15-03-1441-2 Matrix Spike Aqueous Mercury 04 03/20/15 03/20/15 18:33 150320S07 15-03-1441-2 Matrix Spike Duplicate Aqueous Mercury 04 03/20/15 03/20/15 18:35 150320S07 <u>Sample</u> <u>Conc.</u> MSD Conc. <u>MSD</u> <u>%Rec.</u> <u>Spike</u> Added <u>MS</u> Conc. <u>MS</u> <u>%Rec.</u> %Rec. CL RPD Parameter

8.882

10.00



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	03/19/15
27201 Puerta Real, Suite 350	Work Order:	15-03-1587
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 2

Quality Control Sample ID Туре Matrix Instrument Date Prepared Date Analyzed Duplicate Batch Number 15-03-1649-1 Sample N/A 03/25/15 00:00 03/25/15 20:00 F0325TSSD1 Aqueous Aqueous 03/25/15 00:00 03/25/15 20:00 F0325TSSD1 15-03-1649-1 Sample Duplicate N/A DUP Conc. Parameter Sample Conc. <u>RPD</u> RPD CL **Qualifiers** Solids, Total Suspended 202.0 194.0 4 0-20



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	03/19/15
27201 Puerta Real, Suite 350	Work Order:	15-03-1587
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 5220 C
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
D-1D-150319	Sample	Aqueous	BUR06	03/24/15 00:00	03/24/15 18:00	F0324ODD3
D-1D-150319	Sample Duplicate	Aqueous	BUR06	03/24/15 00:00	03/24/15 18:00	F0324ODD3
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand		367.0	361.0	2	0-25	



ANCHOR QEA, LLC	Date Received:	03/19/15
27201 Puerta Real, Suite 350	Work Order:	15-03-1587
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 4

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Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Prep	pared Date	Analyzed	LCS/LCSD Ba	tch Number
099-09-010-7114	LCS	Αqι	ieous	N/A	03/25/15	03/2	5/15 20:00	F0325TSSL1	
099-09-010-7114	LCSD	Αqι	ieous	N/A	03/25/15	03/2	5/15 20:00	F0325TSSL1	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	<u>RPD</u>	RPD CL	Qualifiers
Solids, Total Suspended	100.0	93.00	93	96.00	96	80-120	3	0-20	

Return to Contents



ANCHOR QEA, LLC	Date Received:	03/19/15
27201 Puerta Real, Suite 350	Work Order:	15-03-1587
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Pre	pared	Date	Analyzed	LCS/LCSD Ba	tch Number
099-16-094-774	LCS	Aqu	eous	ICP/MS 04	03/20/15		03/20	/15 22:34	150320LA1B	
099-16-094-774	LCSD	Aqu	eous	ICP/MS 03	03/20/15		03/25	/15 11:02	150320LA1B	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec</u>	. <u>CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Arsenic	100.0	97.82	98	96.48	96	80-12	C	1	0-20	
Copper	100.0	99.67	100	100.1	100	80-12	C	0	0-20	
Lead	100.0	98.17	98	95.34	95	80-12	D	3	0-20	
Nickel	100.0	99.31	99	97.75	98	80-12	C	2	0-20	
Zinc	100.0	107.7	108	101.1	101	80-12	C	6	0-20	





ANCHOR QEA, LLC	Date Received:	03/19/15
27201 Puerta Real, Suite 350	Work Order:	15-03-1587
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Discharge		Page 3 of 4

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-04-008-7363	LCS	Aqueous	Mercury 04	03/20/15	03/20/15 18:28	150320L07A
Parameter		Spike Added	Conc. Recover	red LCS %Re	<u>c. %Rec.</u>	<u>CL</u> <u>Qualifiers</u>
Mercury		10.00	9.036	90	85-121	I



ANCHOR QEA, LLC	Date Received:	03/19/15
27201 Puerta Real, Suite 350	Work Order:	15-03-1587
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
Project: San Diego Shipyard - North IUDP Discharge		Page 4 of 4

Quality Control Sample ID	Туре	Mati	rix	Instrument	Date Pre	pared Date	Analyzed	LCS/LCSD Ba	atch Number
099-12-533-1016	LCS	Aqu	eous	GC 58	03/20/15	03/2	1/15 18:32	150320L08	
099-12-533-1016	LCSD	Aqu	eous	GC 58	03/20/15	03/2 ⁻	1/15 18:50	150320L08	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Aroclor-1016	2.000	2.464	123	2.470	123	50-135	0	0-25	
Aroclor-1260	2.000	2.124	106	1.900	95	50-135	11	0-25	

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Work Order: 15-03-1587

Qualifiers Definition See applicable analysis comment. Less than the indicated value. Greater than the indicated value. Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. The MS/MSD RPD was out of control due to suspected matrix interference. The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. Surrogate recovery below the acceptance limit. Surrogate recovery above the acceptance limit. Analyte was present in the associated method blank. Sample analyzed after holding time expired.

Glossary of Terms and Qualifiers

- ΒV Sample received after holding time expired. Е Concentration exceeds the calibration range.
- FT Sample was extracted past end of recommended max. holding time.
- HD The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
- HDH The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
- HDL The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
- Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is J estimated.
- JA Analyte positively identified but quantitation is an estimate.
- LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). ME
- ND Parameter not detected at the indicated reporting limit.
- Q Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
- SG The sample extract was subjected to Silica Gel treatment prior to analysis.
- Х % Recovery and/or RPD out-of-range.
- Ζ Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 For co	, incoln Way, Garden Grove, CA 9284 urier service / sample drop off inform	41-1427 • (714) 895-5494	urofinsus.com or	call us.				1	5-(J 8	-1	58	7		P/	AGE:	*****	1		<u>-+-</u>	OF _	<u> </u>	1	
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ADDI	RESS: 07004 Duarte Daal	0						San	Dieg	o Shi	pyaro	1s — 1	North	IUDF	P Dis	char	ge		~		(00)		~~~~~~~~~~~	
		Suite 350	STATE:	710				PRO.	JECT CO	NTACT									SAMP	LER(S):		1		۵.
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IEL:	949.347.2780	agale@and	<u>norgea.com</u>		00000000000000000000000000000000000000								R	EQU	IEST	ΓED	ANA	ALYS	SES					·
	VAROUND TIME (Rush surcharges may ap	pply to any TAT not "STANDARD")		T OTANE					1		Ple	ease c	neck b	ox or fil	l in bla	ink as	neede	d.	r	T				
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Re	port J-flags white the point of the point of the point of the point name "D-li	North Trus VST Scheele D" for all discharge samp	point es		ed		eq		As, Cu, Pb, Ni, Z	Mercury	PCB Aroclors	Chemical Oxyge) Total Suspended											
LAB	SAMPLE ID	SAMPLING	MATRIX	NO. OF	breserv	eserved	eld Filter		A 200.8	A 245.1	A 8082	5220 C	I 2540 E											
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INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restoration Fund Nort Anchor QEA, Attn: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691 IU# Pmt#: 11-0564 01-A Conn: 100	h Trust	**** * * *	********* RETURN REP by 15-MAY-20 ********* ISMF#:	******* ORT * 15 * ******
		Deserved to be	TH FLOW	422000
Site Address: 2205 E Bert St, San Diego Sample Point: Check in will alert contact to e trucker traffic. Sample tank (SI Autosampler placed on the ground sample tank through top access b Laboratory Name: Eurofins Calscience, Inc.	escort s 37017) w d closes nole/por	sampler where t vill be located st to sample ta rt. * COPY (co drive & closest ank manhole F ANALYSI	manage to bay. e. Access S REQUIRED *
		10:4	0 11.40 12.	40 14.30
Sample#: 0161090-01 Date: 4/23/2013		Time(s):	0, 11.40, 12.	40, 14.30
24 hour composite Sampler: N. Kennedy Descriptio	n: Clear	r water		
Parameter	Units	Daily Max		Result
Chaminal Owners Demand	ma /T			340
Chemical Oxygen Demand	шg/L mar/T			<1.0
Solids, Total Suspended	шg/ц			0.0681
Copper, Total	mg/L			0.0356
Lead, Total	шg/ь			0.0110
NICKEI, TOTAL	шg/ц			0.0607
Zinc, Total	mg/L	F		0.0196
Arsenic, Total	шg/ц ma/т	5		<0.0002
Mercury, Total	шg/ц	.2		an a
Sample#: 0161090-02 Date: 4/30/2015		Time(s): 07:0	0	
Evaluation only (no sample) Sampler: N. Kennedy Descriptio	n: Clear	r water		
	100000 - 1000		4/1/2015	1 457 200
Beginning Meter Read and Date	gals		4/30/2015	1.535.300
Ending Meter Read and Date	gals		1,00,2010	2 603
Average Flow/calendar day thru Connection	gpd			78 100
Imported Flow During Period	gals			300
Maximum gals/min thru meter	gpm	300		50
Minimum gals/min thru meter when discharging	gpm	50-		

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Pal	mer		*****	
San Diego B	ay Enviro Resto	oration Fund North	Trust	* RETURN REPORT *
Anchor QEA,	Attn: Adam Gal	le		* by *
27201 Puert	a Real, Suite 3		* 15-MAY-2015 *	
Mission Vie	jo, CA 92691		*****	
IU# Pmt#: 11-056	4 01-A	Conn: 100		ISMF#: 161090
	1			
Site Address: 2	2205 E Belt St,	San Diego	Per	mitted IW Flow: 432000
Sample Point: (Check in will a crucker traffic Autosampler pla sample tank thr	lert contact to es . Sample tank (SB7	cort sampler w 017) will be l closest to sam le/port.	here to drive & manage ocated closest to bay. ple tank manhole. Access
Laboratory Name	Eurofins Calscie	nce, Inc.	*	COPY OF ANALYSIS REQUIRED *
Sample#: 016109	0-03 Date:	23/2015	Time(s)	: 10:40
Pesticide and P	CB grab Nedy	Description	Clear water	
Sambrer:		Description.		<1.0
PCB's, Total		u	g/L 3	

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u> <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

facility number

report due date

monitoring period

Signature

(Attach to Industry Self-Monitoring Form)

WORK ORDER NUMBER: 15-04-1837

Calscience



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AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For Client: ANCHOR QEA, LLC Client Project Name: San Diego Shipyard - North IUDP Discharge Attention: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691-8306

Danillefonce-

Approved for release on 05/04/2015 by: Danielle Gonsman Project Manager



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1432 * TEL: (714) 895-5494 * FAX: (714) 894-7501 * www.calscience.com

CA ELAP ID: 2944 | ACLASS DoD-ELAP ID: ADE-1864 (ISO/IEC 17025:2005) | CSDLAC ID: 10109

ResultLink)

Email your PM >

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6	Chain-of-	Custody/Sample Receipt Form	19

Work Order: 15-04-1837

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 04/23/15. They were assigned to Work Order 15-04-1837.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.



Client:	ANCHOR QEA, LLC		Work Order:	15-04-1837
	27201 Puerta Real, Su	uite 350	Project Name:	San Diego Shipyard - North IUDP Discharge
	Mission Viejo, CA 926	91-8306	PO Number:	
			Date/Time Received:	04/23/15 19:20
			Number of Containers:	4
Attn:	Adam Gale			
Sample Ic	lentification	Lab Number	Collection Date and T	ime Number of Matrix Containers
D-1D-1504	423	15-04-1837-1	04/23/15 10:40	4 Aqueous



Solids, Total Suspended

ANCHOR QEA, LLC			Date Receiv	ved:			04/23/15
27201 Puerta Real, Suite 350			Work Order	:			15-04-1837
Mission Viejo, CA 92691-8306			Preparation	:			N/A
			Method:				SM 2540 D
			Units:				mg/L
Project: San Diego Shipyard - North	IUDP Discharge	1				Paç	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150423	15-04-1837-1-C	04/23/15 10:40	Aqueous	N/A	04/25/15	04/25/15 15:00	F0425TSSL1
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LO0	Q), if found, are o	qualified with a	"J" flag.
Parameter	Result		<u>RL</u>	MDL	<u>DF</u>	<u>Q</u>	ualifiers
Solids, Total Suspended	ND		1.0	0.83	1.00		
Method Blank	099-09-010-7150	N/A	Aqueous	N/A	04/25/15	04/25/15 15:00	F0425TSSL1
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LOC	Q), if found, are o	qualified with a	"J" flag.
Parameter	Result		<u>RL</u>	MDL	DF	<u>Q</u>	<u>ualifiers</u>

1.0

0.83

1.00

ND

1.00



Chemical Oxygen Demand

ANCHOR QEA, LLC			Date Receiv	ved:			04/23/15
27201 Puerta Real, Suite 350			Work Order	:			15-04-1837
Mission Viejo, CA 92691-8306			Preparation	:			N/A
			Method:				SM 5220 C
			Units:				mg/L
Project: San Diego Shipyard - North	Page 1 of 1						
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150423	15-04-1837-1-A	04/23/15 10:40	Aqueous	BUR06	05/01/15	05/01/15 18:00	F05010DB1
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LC	Q), if found, are	qualified with a	"J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>C</u>	Qualifiers
Chemical Oxygen Demand	340		5.0	4.8	1.00		
Method Blank	099-05-114-142	N/A	Aqueous	BUR06	05/01/15	05/01/15 18:00	F05010DB1
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL) but < RL (LC	Q), if found, are	qualified with a	"J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>c</u>	Qualifiers

5.0

4.8

ND



ANCHOR QEA, LLC			Date Recei	ved:	04/23/15		
27201 Puerta Real, Suite 350			Work Order:			15-04-1837	
Mission Viejo, CA 92691-8306			Preparation:				N/A
•	Method: Units:			EPA 200.8			
						mg/L	
Project: San Diego Shipyard - No				Pa	age 1 of 1		
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150423	15-04-1837-1-B	04/23/15 10:40	Aqueous	ICP/MS 03	04/24/15	04/28/15 17:42	150424LA4
Comment(s): - The reporting limit is e	elevated resulting from r	natrix interfere	nce.				
Parameter		<u>Result</u>	<u>RL</u>		DF	Qualifiers	
Arsenic		0.0196	0.0100		10.0		
Copper		0.0681	0.0100		10.0		
Lead		0.0356	0.0100		10.0		
Nickel		0.0110	0.0100		10.0		
Zinc		0.0607	0.0	0500	10.0		
Method Blank	099-16-094-811	N/A	Aqueous	ICP/MS 03	04/24/15	04/28/15 16:56	150424LA4
Parameter		Result	RL		DF	Qualifiers	
Arsenic		ND	0.00100		1.00		
Copper		ND	0.00100		1.00		
Lead		ND	0.00100		1.00		
Nickel		ND	0.0	0100	1.00		
Zinc		ND	0.0	0500	1.00		


ANCHOR QEA, LLC			Date Receiv	ved:			04/23/15
27201 Puerta Real, Suite 350			Work Order	:			15-04-1837
Mission Viejo, CA 92691-8306			Preparation	:		EF	PA 245.1 Total
			Method:				EPA 245.1
			Units:				mg/L
Project: San Diego Shipyard - North	IUDP Discharge	9				Pa	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150423	15-04-1837-1-B	04/23/15 10:40	Aqueous	Mercury 04	04/29/15	04/29/15 18:54	150429L05
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL) but < RL (LOC), if found, are	qualified with a	"J" flag.
Parameter	<u>Resul</u>	<u>t</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>C</u>	<u>Qualifiers</u>
Mercury	ND		0.000200	0.0000453	1.00		
Method Blank	099-04-008-7421	N/A	Aqueous	Mercury 04	04/29/15	04/29/15 18:39	150429L05
Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.							
Parameter	<u>Resul</u>	<u>t</u>	<u>RL</u>	<u>MDL</u>	<u>DF</u>	<u>C</u>	<u>Qualifiers</u>
Mercury	ND		0.000200	0.0000453	1.00		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



ANCHOR QEA, LLC	Date Received:	04/23/15
27201 Puerta Real, Suite 350	Work Order:	15-04-1837
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
	Units:	ug/L
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 1

Project: San Diego Snipyard - North IUDP Discharge

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150423	15-04-1837-1-D	04/23/15 10:40	Aqueous	GC 31	04/24/15	04/26/15 19:03	150424L09
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >= 1	to the MDL (DL) but < RL (LOC), if found, are q	ualified with a "	J" flag.
Parameter	Result	<u>t</u>	<u>RL</u>	MDL	DF	<u>Qu</u>	<u>alifiers</u>
Aroclor-1016	ND		1.0	0.29	1.00		
Aroclor-1221	ND		1.0	0.28	1.00		
Aroclor-1232	ND		1.0	0.25	1.00		
Aroclor-1242	ND		1.0	0.18	1.00		
Aroclor-1248	ND		1.0	0.20	1.00		
Aroclor-1254	ND		1.0	0.23	1.00		
Aroclor-1260	ND		1.0	0.26	1.00		
Aroclor-1262	ND		1.0	0.26	1.00		
Surrogate	<u>Rec. (</u>	<u>%)</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphenyl	87		50-135				
2,4,5,6-Tetrachloro-m-Xylene	86		50-135				

Method Blank	099-12-533-1	1029 N/A	Aqueous	GC 31	04/24/15	04/26/15 16:31	150424L09
Comment(s):	- Results were evaluated to the MDL (DL)	, concentrations >=	to the MDL (DL) but < RL (LOQ), if found, are o	qualified with a	"J" flag.
Parameter		<u>Result</u>	<u>RL</u>	MDL	DF	<u>C</u>	Jualifiers
Aroclor-1016		ND	1.0	0.29	1.00		
Aroclor-1221		ND	1.0	0.28	1.00		
Aroclor-1232		ND	1.0	0.25	1.00		
Aroclor-1242		ND	1.0	0.18	1.00		
Aroclor-1248		ND	1.0	0.20	1.00		
Aroclor-1254		ND	1.0	0.23	1.00		
Aroclor-1260		ND	1.0	0.26	1.00		
Aroclor-1262		ND	1.0	0.26	1.00		
Surrogate		<u>Rec. (%)</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphe	enyl	87	50-135				
2,4,5,6-Tetrachlo	pro-m-Xylene	85	50-135				

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Quality Control - Spike/Spike Duplicate

ANCHOR QEA, LLC	Date Received:	04/23/15
27201 Puerta Real, Suite 350	Work Order:	15-04-1837
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Dischar	ge	Page 1 of 2

Project: San Diego Shipyard - North IUDP Discharge

Quality Control Sample ID	Туре		Matrix	In	strument	Date Prepared	Date Ana	lyzed	MS/MSD Bat	ch Number
D-1D-150423	Sample		Aqueous	IC	P/MS 03	04/24/15	04/28/15	17:42	150424SA4	
D-1D-150423	Matrix Spike		Aqueous	IC	P/MS 03	04/24/15	04/28/15	17:17	150424SA4	
D-1D-150423	Matrix Spike	Duplicate	Aqueous	IC	P/MS 03	04/24/15	04/28/15	17:21	150424SA4	
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> %Rec.	<u>MSD</u> Conc.	<u>MSD</u> %Rec.	%Rec. CL	<u>RPD</u>	RPD CL	Qualifiers
Arsenic	0.01955	0.1000	0.1130	93	0.1162	97	80-120	3	0-20	
Copper	0.06813	0.1000	0.1581	90	0.1644	96	80-120	4	0-20	
Lead	0.03557	0.1000	0.1426	107	0.1466	111	80-120	3	0-20	
Nickel	0.01096	0.1000	0.1023	91	0.1053	94	80-120	3	0-20	
Zinc	0.06074	0.1000	0.1506	90	0.1438	83	80-120	5	0-20	



Quality Control - Spike/Spike Duplicate

ANCHOR QEA, LLC	Date Received:	04/23/15
27201 Puerta Real, Suite 350	Work Order:	15-04-1837
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 2

Quality Control Sample ID Туре Matrix Instrument Date Prepared Date Analyzed MS/MSD Batch Number 15-04-2087-1 Sample 04/29/15 Aqueous Mercury 04 04/29/15 18:43 150429S05 15-04-2087-1 Matrix Spike Aqueous Mercury 04 04/29/15 04/29/15 18:50 150429S05 15-04-2087-1 Matrix Spike Duplicate Aqueous Mercury 04 04/29/15 04/29/15 18:52 150429S05 <u>Sample</u> <u>Conc.</u> MSD Conc. <u>MSD</u> <u>%Rec.</u> **Parameter** <u>Spike</u> Added <u>MS</u> Conc. <u>MS</u> <u>%Rec.</u> <u>%Rec. CL</u> RPD RPD CL **Qualifiers** ND Mercury 0.01000 0.009756 98 0.009284 93 57-141 5 0-10

RPD: Relative Percent Difference. CL: Control Limits



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	04/23/15
27201 Puerta Real, Suite 350	Work Order:	15-04-1837
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-04-1783-4	Sample	Aqueous	N/A	04/25/15 00:00	04/25/15 15:00	F0425TSSD1
15-04-1783-4	Sample Duplicate	Aqueous	N/A	04/25/15 00:00	04/25/15 15:00	F0425TSSD1
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Solids, Total Suspended		4968	4974	0	0-20	



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	04/23/15
27201 Puerta Real, Suite 350	Work Order:	15-04-1837
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 5220 C
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
D-1D-150423	Sample	Aqueous	BUR06	05/01/15 00:00	05/01/15 18:00	F0501ODD1
D-1D-150423	Sample Duplicate	Aqueous	BUR06	05/01/15 00:00	05/01/15 18:00	F0501ODD1
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand		342.0	334.0	2	0-25	



ANCHOR QEA, LLC	Date Received:	04/23/15
27201 Puerta Real, Suite 350	Work Order:	15-04-1837
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 4

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Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Prep	pared Date	e Analyzed	LCS/LCSD Ba	tch Number
099-09-010-7150	LCS	Aqu	leous	N/A	04/25/15	04/2	25/15 15:00	F0425TSSL1	
099-09-010-7150	LCSD	Aqu	leous	N/A	04/25/15	04/2	25/15 15:00	F0425TSSL1	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> <u>%Rec.</u>	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	<u>Qualifiers</u>
Solids, Total Suspended	100.0	88.00	88	85.00	85	80-120	3	0-20	

Return to Contents



ANCHOR QEA, LLC	Date Received:	04/23/15
27201 Puerta Real, Suite 350	Work Order:	15-04-1837
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharg	je	Page 2 of 4

Project: San Diego Shipyard - North IUDP Discharge

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Pre	pared Da	ate Analyzed	LCS/LCSD Ba	atch Number
099-16-094-811	LCS	Aqu	ieous	ICP/MS 03	04/24/15	04	4/28/15 17:03	150424LA4	
099-16-094-811	LCSD	Αqι	ieous	ICP/MS 03	04/24/15	04	4/28/15 17:07	150424LA4	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec. C</u>	<u>CL</u> <u>RPD</u>	RPD CL	<u>Qualifiers</u>
Arsenic	0.1000	0.09570	96	0.09574	96	80-120	0	0-20	
Copper	0.1000	0.09792	98	0.09772	98	80-120	0	0-20	
Lead	0.1000	0.09700	97	0.09647	96	80-120	1	0-20	
Nickel	0.1000	0.09570	96	0.09571	96	80-120	0	0-20	
Zinc	0.1000	0.09891	99	0.09973	100	80-120	1	0-20	



ANCHOR QEA, LLC	Date Received:	04/23/15
27201 Puerta Real, Suite 350	Work Order:	15-04-1837
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Discharge		Page 3 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Prep	pared Date	e Analyzed	LCS/LCSD Ba	atch Number
099-04-008-7421	LCS	Aqu	ieous	Mercury 04	04/29/15	04/2	9/15 18:41	150429L05	
099-04-008-7421	LCSD	Αqι	ieous	Mercury 04	04/29/15	04/2	9/15 19:59	150429L05	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	<u>RPD</u>	RPD CL	Qualifiers
Mercury	0.01000	0.009540	95	0.009223	92	85-121	3	0-10	



ANCHOR QEA, LLC	Date Received:	04/23/15
27201 Puerta Real, Suite 350	Work Order:	15-04-1837
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
Project: San Diego Shipyard - North IUDP Discharg	e	Page 4 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Prep	pared Date	Analyzed	LCS/LCSD Ba	atch Number
099-12-533-1029	LCS	Aqu	Aqueous		GC 31 04/24/15		6/15 16:50	150424L09	
099-12-533-1029	LCSD	Aqu	eous	GC 31	04/24/15	04/20	6/15 17:09	150424L09	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Aroclor-1016	2.000	1.761	88	1.752	88	50-135	1	0-25	
Aroclor-1260	2.000	2.103	105	2.016	101	50-135	4	0-25	

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Work Order: 15-04-1837

Glossary of Terms and Qualifiers

Vork Order:	15-04-1837	Page 1 of 1
<u>Qualifiers</u>	Definition	
*	See applicable analysis comment.	
<	Less than the indicated value.	
>	Greater than the indicated value.	
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data clarification.	a was reported without further
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank sur in control and, therefore, the sample data was reported without further clarification.	rogate spike compound was
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspe associated LCS recovery was in control.	ected matrix interference. The
4	The MS/MSD RPD was out of control due to suspected matrix interference.	
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix	ix interference.
6	Surrogate recovery below the acceptance limit.	
7	Surrogate recovery above the acceptance limit.	
В	Analyte was present in the associated method blank.	
BU	Sample analyzed after holding time expired.	
BV	Sample received after holding time expired.	
CI	See case narrative.	
Е	Concentration exceeds the calibration range.	
ET	Sample was extracted past end of recommended max. holding time.	
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.	
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard b were also present (or detected).	out heavier hydrocarbons
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard balso present (or detected).	out lighter hydrocarbons were
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection lin estimated.	mit. Reported value is
JA	Analyte positively identified but quantitation is an estimate.	
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).	
ND	Parameter not detected at the indicated reporting limit.	
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample e concentration by a factor of four or greater.	xceeding the spike
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.	
Х	% Recovery and/or RPD out-of-range.	
Z	Analyte presence was not confirmed by second column or GC/MS analysis.	
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % more reported on a wet weight basis.	sisture. All QC results are
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holdir (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as bein stated holding time unless received at the laboratory within 15 minutes of the collection time.	ng time of <= 15 minutes g received outside of the

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

	eurofins	Calscie	nce						₩Ø#	7 LAB U	SE ONL	¥	10	97		D		HAI	IN 0 41	0F C Z3	usт Д		Y RI	
For cou	Incoln Way, Garden Grove, CA 9284 urier service / sample drop off inform	ation, contact us	895-5494 26_sales@eurofi	nsus.com or	call us.					lU	-U		10	J/		гл	-UE.					- ⁻		
LABO	RATORY CLIENT: Anchor QE/	A							CLIEN	IT PROJ	ECT NA	ME / NU	JMBER:							P.O. N	O.:			
ADDR	27201 Puerta Real	Suite 350							San	Dieg	S Shi	pyaro	3s — I	North	IUDH	Dis	char	ge		SAMPI	FR(S)			
CITY:				STATE:	ZIP:						~ .									A .		ز. الا	D 1 0 10	ad.
	Misson Viejo				CA	9269 ⁻	1		Ac	lam	Gale									N		· K	<u>kyw</u>	reg
TEL:	949.347.2780	E-MAIL: aga	ale@anchor	<u>qea.com</u>										R	EQU	IEST	ED	ANA	ALYS	SES				
TURN	AROUND TIME (Rush surcharges may ap	ply to any TAT not "	'STANDARD''):				<u>,</u>					Ple	ease c	heck b	ox or fil	l in bla	ink as	neede	d.					<u> </u>
		48 HR 🛛	72 HR 🗆 5	DAYS	₩ STAND		ODE.						pue											
区(20/200	3580	2			ODE.						Dem	Solids										
SPEC Rey For USE ONLY 22	IAL INSTRUCTIONS: PORT J-flags EDF, use field point name "DH USE "D-ID- SAMPLE ID D-ID-ISO423 D-ID-ISO423 D-ID-ISO423 D-ID-ISO423	e NUA Save 25 D For all discha NS" DATE 4/23/15 4/23/15 4/23/15	2 POINT arge samples PLING TIME 1040, 1140 1240, 1430 1040, 1140 1240, 1430 1040 1040 1240, 1430	MATRIX WS WS WS WS	NO. OF CONT. 1 1 1	Nubreserved	Pervessed HNO3 H ₂ SO4	Field Filtered		× EPA 200.8 As, Cu, Pb, Ni, Zn	× EPA 245.1 Mercury	X EPA 8082 PCB Aroclors	× SM 5220 C Chemical Oxygen	× SM 2540 D Total Suspended S										
						h																		
Relin	austed by (Signature)	1			Rec	eivelby	(Signatu	e/Affilia	ation)								FI	\sim		4)2	23	12		5:10%
Reli Relir	Glisbed by: (Signature)	<u>}</u>			Rec	eived by	: (SigNatu : (Signatu	ire/Affilia	ation)	udutergyacius et eve	مريع مريع مريع مريع مريع مريع مريع مريع			E	Z		<u> </u>	-	Date;	/2)	>//*	5	Time:	20 5

4 ...

seurofins	14 A.	WORK ORDER	NUMBER: '	Рад 1 5-0	ge 20 of 2 4- / 2	20 837
Calscience	SAMPLE RECEIPT C	HECKLIST	СС	DOLEF	2 1 0	F_1
CLIENT: ANCHOR QEA	4		DAT	E: 04	1231	2015
TEMPERATURE: (Criteria: 0.0°C – Thermometer ID: SC2 (CF:-0.3°C); □ Sample(s) outside temperatur □ Sample(s) outside temperatur □ Sample(s) received at ambient temperature Ambient Temperature: □ Air □ Fill	- 6.0°C, not frozen except sedimer Temperature (w/o CF): 2.0 re criteria (PM/APM contacted by: re criteria but received on ice/chille emperature; placed on ice for trans	nt/tissue) °C (w/ CF): l) ed on same day o sport by courier	<u>. 7</u> _°C;	Blank Check	□ Sampl	e 671
CUSTODY SEAL:CoolerImage: Present and IntactSample(s)Image: Present and Intact	□ Present but Not Intact □ Present but Not Intact	Not Present	□ N/A □ N/A	Check Check	ed by: <u>6</u> ed by: <u>8</u>	571 bz
SAMPLE CONDITION:				Yes	No	N/A
Chain-of-Custody (COC) document COC document(s) received comple	t(s) received with samples ete time □ Matrix □ Number of con	tainers	· · · · · · · · · · · · · · · · · · ·	ي لا		
□ No analysis requested □ No Sampler's name indicated on COC	ot relinquished D No relinquished	I date 🛛 No relir	iquished time	Ŕ	п	
Sample container label(s) consister	nt with COC		••••••	ц		
Sample container(s) intact and in d	ood condition	••••••••••••••••••		Г Д		
Proper containers for analyses requ	uested					
Sufficient volume/mass for analyse	s requested			, Z		
Samples received within holding tin	ne	nolding time		ø		
\square pH \square Residual Chlorine \square	Dissolved Sulfide Dissolved C)xvaen				Ø
Proper preservation chemical(s) no Unpreserved aqueous sample(s	oted on COC and/or sample contain b) received for certain analyses etals	ner		Ĺ		
Container(s) for certain analysis fre □ Volatile Organics □ Dissolve □ Carbon Dioxide (SM 4500) [e of headspace ed Gases (RSK-175) □ Dissolve □ Ferrous Iron (SM 3500) □ Hyd	d Oxygen (SM 45 Irogen Sulfide (Ha	 600) ach)			¥
Tedlar™ bag(s) free of condensation	on					Ø
CONTAINER TYPE:		(Trip Blar	ık Lot Numbe	r:	······································)
Aqueous: \Box VOA \Box VOAh \Box VO \Box 125PBznna \Box 250AGB \Box 2500 \Box 500PB \Box 1AGB \Box 1AGBna ₂ \Box Solid: \Box 4ozCGJ \Box 8ozCGJ \Box 16 Air: \Box Tedlar TM \Box Canister \Box Sor Container: A = Amber, B = Bottle, C = Preservative: b = buffered, f = filtered, s = H ₂ SO ₄ u = ultra-pure	$PAna_2 \square 100PJ \square 100PJna_2 \square CGB \square 250CGBs \square 250PB \square 2 \square 1AGBs \square 1PB \square 1PBna \square _BozCGJ \square Sleeve () \square End \squarebent Tube \square PUF \square _Clear, E = Envelope, G = Glass, J = Jh = HCl, n = HNO_3, na = NaOH, na_2 =a_2 znna = Zn(CH_3CO_2)_2 + NaOH$	125AGB \Box 125A 50PBn _H \Box 500AG Cores [®] () \Box Other Matrix (lar, P = Plastic, and = Na ₂ S ₂ O ₃ , p = H ₃ F	GBh □ 125A B □ 500AGJ □ I TerraCores [®]): □ Z = Ziploc/Res O₄, Labeler	GBp □ □ 500 ([() ealable d/Checl Reviev	I 125PB)AGJs] Bag (ed by: _ 2 ved by: 2	

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restoration Fund Nort Anchor QEA, Attn: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691	h Trust	****** RET * * 15 *****	'URN REPOR by -JUN-2015	***** 2T * 5 * *****
IU# Pmt#: 11-0564 01-A Conn: 100			ISMF#:	161636
Site Address: 2205 E Belt St, San Diego		Permitted I	W Flow: 4	32000
Sample Point: Check in will alert contact to e trucker traffic. Sample tank (SI Autosampler placed on the ground sample tank through top access h	escort 37017) d close hole/po:	sampler where to will be located c st to sample tank rt.	drive & m losest to manhole.	anage bay. Access
Laboratory Name: Eurofins Calscience		* COPY OF	ANALYSIS	REQUIRED *
Sample#: 0161636-01 Date:5/14/2015		Time(s):0820,0	910, 1010, ²	1050, 1220
24 hour composite				
Sampler: N. Kennedy Descriptio	n: Clea	r water		
Parameter	Units	Daily Max		Result
Chemical Oxygen Demand	mg/L		_	300
Solids, Total Suspended	mg/L		_	2.0
Copper, Total	mg/L		_	0.0347
Lead, Total	mg/L		_	0.0132
Nickel, Total	mg/L		_	0.0142
Zinc, Total	mg/L		_	0.0560
Arsenic, Total	mg/L	5	_	0.0188
Mercury, Total	mg/L	.2	_	<0.0002
Sample#: 0161636-02 Date: 5/31/2015		Time(s): 0700		
Evaluation only (no sample)				
Sampler: N. Kennedy Descriptio	n: Clea	r water		
Reginning Meter Read and Date	gals	05	/01/2014	1,535,400
Ending Meter Read and Date	gais gals	05	/31/2014	1,618,800
Average Flow/calendar day thru Connection	apd		_	2,184
Imported Flow During Period	aals		_	67,700
Maximum gals/min thru meter	ອດສະບ	300	_	300
Minimum gals/min thru meter when discharging	apm	50-	_	50

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer	***************************************
San Diego Bay Enviro Restoration Fund North Trust	* RETURN REPORT *
Anchor QEA, Attn: Adam Gale	* by *
27201 Puerta Real, Suite 350	* 15-JUN-2015 *
Mission Viejo, CA 92691	*****
IU# Pmt#: 11-0564 01-A Conn: 100	ISMF#: 161636
Site Address: 2205 E Belt St, San Diego	Permitted IW Flow: 432000
Sample Point: Check in will alert contact to escort sampl trucker traffic. Sample tank (SB7017) will Autosampler placed on the ground closest to sample tank through top access hole/port.	er where to drive & manage be located closest to bay. sample tank manhole. Access
Laboratory Name: Eurofins Calscience	* COPY OF ANALYSIS REQUIRED *
Sample#: 0161636-03 Date:	ne(s): 0820
Pesticide and PCB grab	
Sampler: N. Kennedy Description: Clear wate	r
PCB's, Total ug/L 3	<1.0

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u> <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

facility number

report due date

monitoring period

Signature (Attach to Industry Self-Monitoring Form)

Date

J:\SHARED\Compliance\SM Certification forms\SMR Cert.docx



Calscience

Supplemental Report 1

The original report has been revised/corrected.

WORK ORDER NUMBER: 15-05-1125

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For Client: ANCHOR QEA, LLC Client Project Name: San Diego Shipyard - North IUDP Discharge Attention: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691-8306

Nicole Scott for

Approved for release on 05/27/2015 by: Danielle Gonsman Project Manager

ResultLink)

Email your PM >



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1432 * TEL: (714) 895-5494 * FAX: (714) 894-7501 * www.calscience.com

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Calscience

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4	Quality C 4.1 MS/N 4.2 Sam 4.3 LCS/	ontrol Sample Data	10 10 12 14
5	Glossary	of Terms and Qualifiers	18
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Work Order: 15-05-1125

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 05/14/15. They were assigned to Work Order 15-05-1125.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.



Client:	ANCHOR QEA, LLC		Work Order:	15-05-1125
	27201 Puerta Real, Su	iite 350	Project Name:	San Diego Shipyard - North IUDP Discharge
	Mission Viejo, CA 926	91-8306	PO Number:	
			Date/Time Received:	05/14/15 19:15
			Number of Containers:	4
Attn:	Adam Gale			
Sample Ic	lentification	Lab Number	Collection Date and Tin	ne Number of Matrix Containers
D-1D-150	514	15-05-1125-1	05/14/15 08:20	4 Aqueous

Return to Contents



ANCHOR QEA, LLC			Date Receiv	/ed:			05/14/15
27201 Puerta Real, Suite 350			Work Order	:			15-05-1125
Mission Viejo, CA 92691-8306			Preparation	:			N/A
			Method:				SM 2540 D
			Units:				mg/L
Project: San Diego Shipyard - North	IUDP Discharge	9				Pa	ige 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150514	15-05-1125-1-D	05/14/15 08:20	Aqueous	N/A	05/15/15	05/15/15 17:00	F0515TSSL1
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are	qualified with a	ı "J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers
Solids, Total Suspended	2.0		1.0	0.83	1.00		
Method Blank	099-09-010-7172	N/A	Aqueous	N/A	05/15/15	05/15/15 17:00	F0515TSSL1
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are	qualified with a	ı "J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers
Solids, Total Suspended	ND		1.0	0.83	1.00		

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1.00



Chemical Oxygen Demand

ANCHOR QEA, LLC			Date Receiv	ved:			05/14/15
27201 Puerta Real, Suite 350			Work Order				15-05-1125
Mission Viejo, CA 92691-8306			Preparation	:			N/A
			Method:				SM 5220 C
			Units:				mg/L
Project: San Diego Shipyard - North	IUDP Discharge	•				Pa	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150514	15-05-1125-1-A	05/14/15 08:20	Aqueous	BUR06	05/18/15	05/18/15 19:00	F0518ODB3
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.
Parameter	Result	t	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers
Chemical Oxygen Demand	300		5.0	4.8	1.00		
Method Blank	099-05-114-145	N/A	Aqueous	BUR06	05/18/15	05/18/15 19:00	F0518ODB3
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.
Parameter	Result	t	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers

5.0

4.8

ND



Zinc

0			
2	100	ION	00
Ja	130	ICI.	CC

ANCHOR QEA, LLC	Date Received:	05/14/15
27201 Puerta Real, Suite 350	Work Order:	15-05-1125
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
	Units:	mg/L
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 1

Client Sample N	lumber	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150514		15-05-1125-1-B	05/14/15 08:20	Aqueous	ICP/MS 04	05/15/15	05/20/15 20:40	150515LA4A
Comment(s):	- Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL) but < RL (LOC), if found, are	qualified with a	a "J" flag.
Parameter a series and a series of the seri		Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers
Arsenic		0.018	8	0.00100	0.000386	1.00		
Copper		0.034	7	0.00100	0.000140	1.00		
Lead		0.013	2	0.00100	0.0000898	1.00		
Nickel		0.014	2	0.00100	0.000132	1.00		
Zinc		0.056	D	0.00500	0.000479	1.00		
Method Blank		099-16-094-838	N/A	Aqueous	ICP/MS 04	05/15/15	05/18/15 21:52	150515LA4A
Comment(s):	- Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL) but < RL (LOC), if found, are (qualified with a	a "J" flag.
Parameter		Resul	t	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers
Arsenic		ND		0.00100	0.000386	1.00		
Copper		ND		0.00100	0.000140	1.00		
Lead		ND		0.00100	0.0000898	1.00		
Nickel		ND		0.00100	0.000132	1.00		

0.00500

0.000479

1.00

ND

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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ANCHOR QEA, LLC			Date Receiv	ved:			05/14/15
27201 Puerta Real, Suite 350			Work Order	:			15-05-1125
Mission Viejo, CA 92691-8306			Preparation	:		E	PA 245.1 Total
			Method:				EPA 245.1
			Units:				mg/L
Project: San Diego Shipyard - North	IUDP Discharge	;				Pa	age 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150514	15-05-1125-1-B	05/14/15 08:20	Aqueous	Mercury 04	05/20/15	05/20/15 21:11	150520L04
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL) but < RL (LOC), if found, are	qualified with a	a "J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	-	<u>Qualifiers</u>
Mercury	ND		0.000200	0.0000453	1.00		
Method Blank	099-04-008-7444	N/A	Aqueous	Mercury 04	05/20/15	05/20/15 20:36	150520L04
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL) but < RL (LOQ), if found, are	qualified with a	a "J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF		<u>Qualifiers</u>
Mercury	ND		0.000200	0.0000453	1.00		



ANCHOR QEA, LLC	Date Received:	05/14/15
27201 Puerta Real, Suite 350	Work Order:	15-05-1125
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
	Units:	ug/L
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 1

ci. San Diego Shipyara - North IUDP Dischai

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-1D-150514	15-05-1125-1-C	05/14/15 08:20	Aqueous	GC 58	05/20/15	05/20/15 21:43	150520L08
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >= to	o the MDL (DL) but < RL (LOC), if found, are q	ualified with a ".	J" flag.
Parameter	Result	<u>t</u> <u>F</u>	<u>RL</u>	MDL	DF	<u>Qu</u>	alifiers
Aroclor-1016	ND	1	0.1	0.29	1.00		
Aroclor-1221	ND	1	.0	0.28	1.00		
Aroclor-1232	ND	1	.0	0.25	1.00		
Aroclor-1242	ND	1	.0	0.18	1.00		
Aroclor-1248	ND	1	.0	0.20	1.00		
Aroclor-1254	ND	1	.0	0.23	1.00		
Aroclor-1260	ND	1	.0	0.26	1.00		
Aroclor-1262	ND	1	.0	0.26	1.00		
Surrogate	<u>Rec. (</u>	<u>%)</u> <u>(</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphenyl	112	5	50-135				
2,4,5,6-Tetrachloro-m-Xylene	100	5	50-135				

Method Blank	099-12-533-1	040 N/A	Aqueous	GC 58	05/20/15	05/20/15 21:25	150520L08
Comment(s):	- Results were evaluated to the MDL (DL),	, concentratio	ons >= to the MDL (DI	_) but < RL (LC	DQ), if found, are o	qualified with a	a "J" flag.
Parameter		Result	<u>RL</u>	MDL	DF		<u>Qualifiers</u>
Aroclor-1016		ND	1.0	0.29	1.00		
Aroclor-1221		ND	1.0	0.28	1.00		
Aroclor-1232		ND	1.0	0.25	1.00		
Aroclor-1242		ND	1.0	0.18	1.00		
Aroclor-1248		ND	1.0	0.20	1.00		
Aroclor-1254		ND	1.0	0.23	1.00		
Aroclor-1260		ND	1.0	0.26	1.00		
Aroclor-1262		ND	1.0	0.26	1.00		
Surrogate		<u>Rec. (%)</u>	Control Limits	Qualifier	<u>s</u>		
Decachlorobipher	nyl	114	50-135				
2,4,5,6-Tetrachlor	o-m-Xylene	106	50-135				

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



ANCHOR QEA, LLC	Date Received:	05/14/15
27201 Puerta Real, Suite 350	Work Order:	15-05-1125
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 2

Quality Control Sample ID	Туре		Matrix	In	strument	Date Prepared	Date Ana	lyzed	MS/MSD Bat	tch Number
D-1D-150514	Sample		Aqueous	IC	CP/MS 04	05/15/15	05/20/15	20:40	150515SA4	4
D-1D-150514	Matrix Spike		Aqueous	IC	CP/MS 04	05/15/15	05/20/15	20:35	150515SA4/	4
D-1D-150514	Matrix Spike	Duplicate	Aqueous	IC	CP/MS 04	05/15/15	05/20/15	20:38	150515SA4/	4
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> %Rec.	<u>MSD</u> Conc.	<u>MSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	Qualifiers
Arsenic	0.01878	0.1000	0.1224	104	0.1193	101	80-120	3	0-20	
Copper	0.03473	0.1000	0.1171	82	0.1200	85	80-120	2	0-20	
Lead	0.01323	0.1000	0.1195	106	0.1233	110	80-120	3	0-20	
Nickel	0.01416	0.1000	0.1178	104	0.1176	103	80-120	0	0-20	
Zinc	0.05595	0.1000	0.1359	80	0.1349	79	80-120	1	0-20	3



ANCHOR QEA, LLC	Date Received:	05/14/15
27201 Puerta Real, Suite 350	Work Order:	15-05-1125
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 2

Quality Control Sample ID	Туре		Matrix	In	strument	Date Prepared	Date Ana	lyzed	MS/MSD Ba	tch Number
D-1D-150514	Sample		Aqueous	M	ercury 04	05/20/15	05/20/15	21:11	150520S04/	4
D-1D-150514	Matrix Spike		Aqueous	i Me	ercury 04	05/20/15	05/20/15	20:53	150520S04	4
D-1D-150514	Matrix Spike	Duplicate	Aqueous	M	ercury 04	05/20/15	05/20/15	20:56	150520S04	4
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> %Rec.	<u>MSD</u> Conc.	<u>MSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	Qualifiers
Mercury	ND	0.01000	0.008510	85	0.008429	84	57-141	1	0-10	



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	05/14/15
27201 Puerta Real, Suite 350	Work Order:	15-05-1125
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 2

Quality Control Sample ID Туре Matrix Instrument Date Prepared Date Analyzed Duplicate Batch Number 15-05-0751-7 05/15/15 00:00 05/15/15 17:00 F0515TSSD1 Sample N/A Aqueous Sample Duplicate Aqueous 15-05-0751-7 N/A 05/15/15 00:00 05/15/15 17:00 F0515TSSD1 DUP Conc. Parameter Sample Conc. <u>RPD</u> RPD CL Qualifiers Solids, Total Suspended 22.40 22.00 2 0-20

RPD: Relative Percent Difference. CL: Control Limits



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	05/14/15
27201 Puerta Real, Suite 350	Work Order:	15-05-1125
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 5220 C
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 2

Quality Control Sample ID Date Prepared Date Analyzed Duplicate Batch Number Туре Matrix Instrument D-1D-150514 BUR06 05/18/15 00:00 05/18/15 19:00 F0518ODD3 Sample Aqueous D-1D-150514 Sample Duplicate Aqueous BUR06 05/18/15 00:00 05/18/15 19:00 F0518ODD3 DUP Conc. Parameter Sample Conc. <u>RPD</u> RPD CL Qualifiers Chemical Oxygen Demand 295.7 291.8 1 0-25

RPD: Relative Percent Difference. CL: Control Limits



ANCHOR QEA, LLC	Date Received:	05/14/15
27201 Puerta Real, Suite 350	Work Order:	15-05-1125
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Prep	pared Date	Analyzed	LCS/LCSD Ba	tch Number
099-09-010-7172	LCS	Aqu	ieous	N/A	05/15/15	05/1	5/15 17:00	F0515TSSL1	
099-09-010-7172	LCSD	Aqu	ieous	N/A	05/15/15	05/1	5/15 17:00	F0515TSSL1	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Solids, Total Suspended	100.0	109.0	109	107.0	107	80-120	2	0-20	

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ANCHOR QEA, LLC	Date Received:	05/14/15
27201 Puerta Real, Suite 350	Work Order:	15-05-1125
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 4

Project: San Diego Shipyard - North IUDP Discharge

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Pre	pared Da	ate Analyzed	LCS/LCSD Ba	atch Number
099-16-094-838	LCS	Aqu	eous	ICP/MS 04	05/15/15	05	5/18/15 22:04	150515LA4A	
099-16-094-838	LCSD	Aqu	eous	ICP/MS 04	05/15/15	05	5/20/15 20:33	150515LA4A	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	<u>LCSD</u> %Rec.	<u>%Rec. C</u>	CL RPD	RPD CL	<u>Qualifiers</u>
Arsenic	0.1000	0.1028	103	0.09993	100	80-120	3	0-20	
Copper	0.1000	0.1009	101	0.1012	101	80-120	0	0-20	
Lead	0.1000	0.1009	101	0.09882	99	80-120	2	0-20	
Nickel	0.1000	0.1008	101	0.09933	99	80-120	1	0-20	
Zinc	0.1000	0.09995	100	0.1008	101	80-120	1	0-20	



ANCHOR QEA, LLC	Date Received:	05/14/15
27201 Puerta Real, Suite 350	Work Order:	15-05-1125
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Discharge		Page 3 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Prep	pared Date	e Analyzed	LCS/LCSD Ba	atch Number
099-04-008-7444	LCS	Αqι	ieous	Mercury 04	05/20/15	05/2	0/15 20:40	150520L04	
099-04-008-7444	LCSD	Αqι	ieous	Mercury 04	05/20/15	05/2	1/15 20:07	150520L04	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> <u>%Rec.</u>	LCSD Conc.	<u>LCSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	Qualifiers
Mercury	0.01000	0.009199	92	0.009499	95	85-121	3	0-10	

RPD: Relative Percent Difference. CL: Control Limits



ANCHOR QEA, LLC	Date Received:	05/14/15
27201 Puerta Real, Suite 350	Work Order:	15-05-1125
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
Project: San Diego Shipyard - North IUDP Discharge		Page 4 of 4

Project: San Diego Shipyard - North IUDP Discharge

Quality Control Sample ID	Туре	Mati	rix	Instrument	Date Prep	pared Date	e Analyzed	LCS/LCSD Ba	atch Number
099-12-533-1040	LCS	Aqu	ieous	GC 58	05/20/15	05/2	20/15 20:49	150520L08	
099-12-533-1040	LCSD	Aqu	ieous	GC 58	05/20/15	05/2	20/15 21:07	150520L08	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	<u>LCSD</u> %Rec.	<u>%Rec. CL</u>	RPD	RPD CL	<u>Qualifiers</u>
Aroclor-1016	2.000	1.796	90	1.814	91	50-135	1	0-25	
Aroclor-1260	2.000	1.978	99	2.014	101	50-135	2	0-25	

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Glossary of Terms and Qualifiers

Work Order: 15-05-1125

Page 1 of 1 **Qualifiers** Definition * See applicable analysis comment. < Less than the indicated value. > Greater than the indicated value. Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further 1 clarification. 2 Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. 3 Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. 4 The MS/MSD RPD was out of control due to suspected matrix interference. 5 The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. 6 Surrogate recovery below the acceptance limit. 7 Surrogate recovery above the acceptance limit. В Analyte was present in the associated method blank. ВU Sample analyzed after holding time expired. ΒV Sample received after holding time expired. CI See case narrative. F Concentration exceeds the calibration range. ET Sample was extracted past end of recommended max. holding time. HD The chromatographic pattern was inconsistent with the profile of the reference fuel standard. HDH The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). HDL The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected) J Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated JA Analyte positively identified but quantitation is an estimate. LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). ME ND Parameter not detected at the indicated reporting limit. Q Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. SG The sample extract was subjected to Silica Gel treatment prior to analysis. Х % Recovery and/or RPD out-of-range. Ζ Analyte presence was not confirmed by second column or GC/MS analysis. Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis. Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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eurofins			WORK ORDER	NUMBER:	Рас 15-0	ge 20 of 5− _/	20
Cals	cience	SAMPLE RECEIPT	CHECKLIST	С	OOLEF	<u> </u>	OF <u>/</u>
CLIENT: Anche	RQ	EA		DA	TE: 05	1 14	/ 2015
TEMPERATURE: (Criteria: Thermometer ID: SC2 (CF: Sample(s) outside ten Sample(s) outside ten Sample(s) received at ar Ambient Temperature:	0.0°C – 6 0.3°C); Te nperature nperature nbient tem ir □ Filte	.0°C, not frozen except sedim emperature (w/o CF): <u>3 (</u> criteria (PM/APM contacted b criteria but received on ice/ch perature; placed on ice for tra	ent/tissue) °C (w/ CF): y:) illed on same day o ansport by courier	27°C; ☑ f sampling	Blank Check	□ Sam∣ ed by: _	ole 820
CUSTODY SEAL:CoolerI Present arSample(s)I Present ar	id Intact id Intact	□ Present but Not Intact □ Present but Not Intact	Not Present	□ N/A □ N/A	Check Check	ed by: _ ed by: _	870 965
SAMPLE CONDITION:					Yes	No	N/A
Chain-of-Custody (COC) do	ocument(s) received with samples			Ø		
COC document(s) received	complete				. p		
□ Sampling date □ Sa	mpling tim	ne 🛛 Matrix 🖾 Number of c	ontainers				
No analysis requested	d 🗖 Not r	elinquished 🛛 No relinquish	ed date 🛛 No relir	nquished time)		
Sampler's name indicated of	on COC .			•••••	. ø		
Sample container label(s) c	onsistent	with COC			. e		
Sample container(s) intact	and in goo	d condition			. p		
Proper containers for analy	ses reque	sted			. 2		
Sufficient volume/mass for	analyses r	equested			. <u>P</u>		
Samples received within ho	Iding time				. d		
Aqueous samples for ce	rtain analy	ses received within 15-minut	e holding time				
□ pH □ Residual Chlo	rine 🛛 D	issolved Sulfide Dissolved	d Oxygen		. 🗆		1
Proper preservation chemic	al(s) note	d on COC and/or sample con	tainer		. <u>Z</u>		
Unpreserved aqueous s	ample(s) r	eceived for certain analyses					
□ Volatile Organics □	Total Meta	als 🛛 Dissolved Metals					
Container(s) for certain ana	Ivsis free	of headspace			. 🗆		Ø
□ Volatile Organics □	Dissolved	Gases (RSK-175)	ved Oxvaen (SM 45	500)			
□ Carbon Dioxide (SM	4500) 🗆	Ferrous Iron (SM 3500)	lvdroaen Sulfide (H	ach)			
Tedlar [™] bag(s) free of con	densation	· · · · · · · · · · · · · · · · · · ·	,	<i>.</i>	. 🗆		Ŕ
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Air: T Tedlar TM T Canieta		ent Tube IT PUF IT	Other Matrix ()· [`/]		
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Container: A = Amber, B = Bo	$ttle, \mathbf{C} = Cl$	ear, $\mathbf{E} = \mathbf{Envelope}, \mathbf{G} = \mathbf{Glass}, \mathbf{J}$	= Jar, \mathbf{P} = Plastic, and	$\mathbf{z} = \angle \mathbf{p} \mathbf{o} \mathbf{c} / \mathbf{R} \mathbf{e}$	sealable	Day	965
Preservative: b = buffered, f =	tiltered, h	= HCI, \mathbf{n} = HNO ₃ , $\mathbf{n}\mathbf{a}$ = NaOH, $\mathbf{n}\mathbf{a}$	$a_2 = Na_2S_2O_3, p = H_3H_3$	·O₄, Labèlé		ved pro	
s = H ₂ SO ₄ , u =	ultra-pure, z	$nna = Zn(CH_3CO_2)_2 + NaOH$			Keview	vea by:	<u>-114</u>
INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restoration Fund Nort Anchor QEA, Attn: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691 IU# Pmt#: 11-0564 01-A Conn: 100	h Trust:	**************************************	ORT * ORT * 15 * 162014
Site Address: 2205 E Belt St, San Diego		Permitted IW Flow:	432000
Sample Point: Check in will alert contact to trucker traffic. Sample tank (S Autosampler placed on the groun sample tank through top access	escort s B7017) w d closes hole/por	sampler where to drive & will be located closest st to sample tank manhol st. * COPY OF ANALYST	manage to bay. e. Access
			b ingoineb
Sample#: 0162014-01 Date: 6/4/2015		Time(s): 1110, 1150, 1320), 1440
24 hour composite			
Sampler: Nicholas Kennedy Description	n: Clear	water	
Parameter	Units	Daily Max	Result
Chemical Oxygen Demand	ma/T		260
Solids. Total Suspended	mg/L		6.0
Copper, Total	mg/L		0.0397
Lead, Total	mq/L		0.0421
Nickel, Total	mg/L		0.0194
Zinc, Total	mg/L		0.0859
Arsenic, Total	mg/L	5	0.0141
Mercury, Total	mg/L	. 2	<0.0002
Sample#: 0162014-02 Date: 6/30/2015		Time(s): 0700	
Evaluation only (no sample)			
Sampler: Nicholas Kennedy Description	n: <u>Clear</u>	water	
Paginning Matan Paad and Pata	anla	6/1/2015	1.618.800
Ending Motor Read and Date	gals	6/30/2015	1,633,800
Average Flow/calendar day thru Connection	and		500
Imported Flow During Period	gpu		15,000
Maximum galg/min thru meter	anm	300	300
Minimum gals/min thru meter when discharging	3P"" anm	50-	50
man garo, man child meter when aroundiging	32		

INDUSTRY	SELF	MONITORING	FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restoration Fund North Trust Anchor QEA, Attn: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691	**************************************
IU# Pmt#: 11-0564 01-A Conn: 100	ISMF#: 162014
Site Address: 2205 E Belt St, San Diego	Permitted IW Flow: 432000
Sample Point: Check in will alert contact to escort sampl trucker traffic. Sample tank (SB7017) will Autosampler placed on the ground closest to sample tank through top access hole/port.	er where to drive & manage be located closest to bay. sample tank manhole. Access
Laboratory Name: Eurofins Calscience	* COPY OF ANALYSIS REQUIRED *
Sample#: 0162014-03 Date: 6/4/2015 Tim	ne(s): 1110
Pesticide and PCB grab	
Sampler: Nicholas Kennedy Description: Clear water	r
PCB's, Total ug/L 3	<1.0

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u> <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

7-15-15 June 2015

facility number

report due date

monitoring period

Signature (Attach to Industry Self-Monitoring Form)

eurofins

Calscience

WORK ORDER NUMBER: 15-06-0450

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For Client: ANCHOR QEA, LLC Client Project Name: San Diego Shipyard - North IUDP Discharge Attention: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691-8306

Danillegones-

Approved for release on 06/17/2015 by: Danielle Gonsman Project Manager

ResultLink >

Email your PM >



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1432 * TEL: (714) 895-5494 * FAX: (714) 894-7501 * www.calscience.com

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Work Order: 15-06-0450

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 06/04/15. They were assigned to Work Order 15-06-0450.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.



Client:	ANCHOR QEA, LLC		Work Order:	15-06-0450
	27201 Puerta Real, Su	uite 350	Project Name:	San Diego Shipyard - North IUDP Discharge
	Mission Viejo, CA 926	91-8306	PO Number:	
			Date/Time Received:	06/04/15 19:45
			Number of Containers:	4
Attn:	Adam Gale			
Sample Identification Lab Number		Collection Date and 1	ime Number of Matrix Containers	
D-ID-150604 15-06-0450-1 06		06/04/15 11:10	4 Aqueous	



Solids, Total Suspended

ANCHOR QEA, LLC	Date Receiv	ved:		06/04/15				
27201 Puerta Real, Suite 350			Work Order	:			15-06-0450	
Mission Viejo, CA 92691-8306			Preparation	:			N/A	
			Method:			SM 2540 D		
			Units:				mg/L	
Project: San Diego Shipyard - North	IUDP Discharge	•				Pa	ge 1 of 1	
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-ID-150604	15-06-0450-1-D	06/04/15 11:10	Aqueous	N/A	06/10/15	06/10/15 20:00	F0610TSSL1	
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are	qualified with a	"J" flag.	
Parameter	Result	t	<u>RL</u>	MDL	DF	<u>C</u>	<u>Jualifiers</u>	
Solids, Total Suspended	6.0		1.0	0.83	1.00			
Method Blank	099-09-010-7200	N/A	Aqueous	N/A	06/10/15	06/10/15 20:00	F0610TSSL1	
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LO	Q), if found, are	qualified with a	"J" flag.	
Parameter	Result	t	RL	MDL	DF	C	Qualifiers	

1.0

0.83

1.00

ND

Return to Contents

1.00



Chemical Oxygen Demand

Project: San Diego Shipyard - North	IUDP Discharge	;	Units.			Pa	ge 1 of 1
····j····						,	3
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-150604	15-06-0450-1-B	06/04/15 11:10	Aqueous	BUR06	06/15/15	06/15/15 20:00	F0615ODL3
Comment(s): - Results were evaluated to the MDL (DL), concentrations \geq to the MDL (DL) but < RL (LOO), if found, are qualified with a "J" flag.							
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	_) but < RL (LO	Q), if found, are	qualified with a	"J" flag.
Parameter	o the MDL (DL), conc <u>Result</u>	entrations >= <u>t</u>	to the MDL (DL	but < RL (LO). <u>MDL</u>	Q), if found, are <u>DF</u>	qualified with a <u>Q</u>	"J" flag. <u>ualifiers</u>
Parameter Chemical Oxygen Demand	o the MDL (DL), conc <u>Resul:</u> 260	entrations >= <u>t</u>	to the MDL (DL <u>RL</u> 5.0	_) but < RL (LO <u>MDL</u> 4.8	Q), if found, are <u>DF</u> 1.00	qualified with a Q	"J" flag. <u>qualifiers</u>
Parameter Chemical Oxygen Demand	o the MDL (DL), conc <u>Resul</u> 260 099-05-114-149	entrations >= t N/A	to the MDL (DL <u>RL</u> 5.0 Aqueous	.) but < RL (LO <u>MDL</u> 4.8 BUR06	Q), if found, are <u>DF</u> 1.00 06/15/15	qualified with a Q 06/15/15 20:00	"J" flag. <u>tualifiers</u> F0615ODL3
Comment(s). - Results were evaluated to Parameter Chemical Oxygen Demand Method Blank - Results were evaluated to Comment(s): - Results were evaluated to	o the MDL (DL), conc <u>Resul</u> 260 099-05-114-149	entrations >= t N/A entrations >=	to the MDL (DL <u>RL</u> 5.0 Aqueous to the MDL (DL	.) but < RL (LO <u>MDL</u> 4.8 BUR06 .) but < RL (LO	Q), if found, are <u>DF</u> 1.00 06/15/15 Q), if found, are	qualified with a Q 06/15/15 20:00 qualified with a	"J" flag. tualifiers F0615ODL3 "J" flag.

5.0

4.8

ND



ANCHOR QEA, LLC	Date Received:	06/04/15
27201 Puerta Real, Suite 350	Work Order:	15-06-0450
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
	Units:	ug/L
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 1

Client Sample N	umber	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-ID-150604		15-06-0450-1-A	06/04/15 11:10	Aqueous	ICP/MS 04	06/05/15	06/08/15 19:01	150605LA2	
Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.									
Parameter A A A A A A A A A A A A A A A A A A A		Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers	
Arsenic		14.1		1.00	0.386	1.00			
Copper		39.7		1.00	0.140	1.00			
Lead		42.1		10.0	0.898	10.0			
Nickel		19.4		1.00	0.132	1.00			
Zinc		85.9		5.00	0.479	1.00			
Method Blank		099-16-094-873	N/A	Aqueous	ICP/MS 04	06/05/15	06/09/15 15:32	150605LA2	
Comment(s):	- Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DI	_) but < RL (LO	Q), if found, are	qualified with a	a "J" flag.	
Parameter		Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers	
Arconic				1.00	0.386	1.00			

Parameter	Result	<u>RL</u>	MDL	DF	Qualifiers
Arsenic	ND	1.00	0.386	1.00	
Copper	ND	1.00	0.140	1.00	
Lead	ND	1.00	0.0898	1.00	
Nickel	ND	1.00	0.132	1.00	
Zinc	ND	5.00	0.479	1.00	

ANCHOR QEA, LLC Date				ved:			06/04/15
27201 Puerta Real, Suite 350	Work Order			15-06-0450			
Mission Viejo, CA 92691-8306	Preparation	:		EF	PA 245.1 Total		
			Method:				EPA 245.1
			Units:				ug/L
Project: San Diego Shipyard - North	IUDP Discharge	Э				Pa	age 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-150604	15-06-0450-1-A	06/04/15 11:10	Aqueous	Mercury 04	06/05/15	06/05/15 21:22	150605L07
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	_) but < RL (LO	Q), if found, are	qualified with a	a "J" flag.
Parameter	Resul	<u> t</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers
Mercury	ND		0.200	0.0453	1.00		
Method Blank	099-04-008-7461	N/A	Aqueous	Mercury 04	06/05/15	06/05/15 20:35	150605L07
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	_) but < RL (LO	Q), if found, are	qualified with a	a "J" flag.
Parameter	Resul	<u> t</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers
Mercury	ND		0.200	0.0453	1.00		



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ANCHOR QEA, LLC	Date Received:	06/04/15
27201 Puerta Real, Suite 350	Work Order:	15-06-0450
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
	Units:	ug/L
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 1

Project: San Diego Snipyard - North IUDP Discharge

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-150604	15-06-0450-1-C	06/04/15 11:10	Aqueous	GC 31	06/05/15	06/06/15 19:48	150605L04
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >= t	to the MDL (DL) but < RL (LOC), if found, are c	ualified with a "	J" flag.
Parameter	Result	<u>t</u> .	<u>RL</u>	MDL	DF	<u>Qu</u>	alifiers
Aroclor-1016	ND		1.0	0.29	1.00		
Aroclor-1221	ND		1.0	0.28	1.00		
Aroclor-1232	ND		1.0	0.25	1.00		
Aroclor-1242	ND		1.0	0.18	1.00		
Aroclor-1248	ND		1.0	0.20	1.00		
Aroclor-1254	ND		1.0	0.23	1.00		
Aroclor-1260	ND		1.0	0.26	1.00		
Aroclor-1262	ND		1.0	0.26	1.00		
Surrogate	<u>Rec. (</u>	<u>%)</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphenyl	105	:	50-135				
2,4,5,6-Tetrachloro-m-Xylene	110		50-135				

Method Blank	099-12-533-1049	N/A	Aqueous G	C 31	06/05/15	06/06/15 19:29	150605L04
Comment(s):	- Results were evaluated to the MDL (DL), con	centrations >= to	the MDL (DL) b	ut < RL (LOQ)	, if found, are c	ualified with	a "J" flag.
Parameter	Resu	ult <u>RL</u>	=	MDL	DF		<u>Qualifiers</u>
Aroclor-1016	ND	1.0	D	0.29	1.00		
Aroclor-1221	ND	1.0	D	0.28	1.00		
Aroclor-1232	ND	1.0	D	0.25	1.00		
Aroclor-1242	ND	1.0	D	0.18	1.00		
Aroclor-1248	ND	1.0	D	0.20	1.00		
Aroclor-1254	ND	1.0	D	0.23	1.00		
Aroclor-1260	ND	1.0	D	0.26	1.00		
Aroclor-1262	ND	1.0)	0.26	1.00		
Surrogate	Rec.	<u>. (%)</u> <u>Co</u>	ontrol Limits	<u>Qualifiers</u>			
Decachlorobiphe	nyl 114	50	-135				
2,4,5,6-Tetrachlo	pro-m-Xylene 127	50	-135				

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



ANCHOR QEA, LLC	Date Received:	06/04/15
27201 Puerta Real, Suite 350	Work Order:	15-06-0450
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 2

Quality Control Sample ID	Туре		Matrix	Ins	strument	Date Prepared	Date Ana	lyzed	MS/MSD Bat	ch Number
D-ID-150604	Sample		Aqueous	ICI	P/MS 04	06/05/15	06/08/15	19:01	150605SA2	
D-ID-150604	Matrix Spike		Aqueous	ICI	P/MS 04	06/05/15	06/08/15	18:49	150605SA2	
D-ID-150604	Matrix Spike	Duplicate	Aqueous	ICI	P/MS 04	06/05/15	06/08/15	18:53	150605SA2	
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> %Rec.	<u>MSD</u> Conc.	<u>MSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	Qualifiers
Arsenic	14.07	100.0	76.85	63	78.49	64	80-120	2	0-20	3
Copper	39.69	100.0	100.8	61	115.2	76	80-120	13	0-20	3
Lead	42.10	100.0	157.3	115	157.6	115	80-120	0	0-20	
Nickel	19.37	100.0	87.42	68	89.32	70	80-120	2	0-20	3
Zinc	85.93	100.0	110.6	25	116.8	31	80-120	5	0-20	3



Quality Control - Spike/Spike Duplicate

ANCHOR QEA, LLC	Date Received:	06/04/15
27201 Puerta Real, Suite 350	Work Order:	15-06-0450
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 2

Quality Control Sample ID	Туре		Matrix	Ins	trument	Date Prepared	Date Ana	lyzed	MS/MSD Bat	ch Number
15-06-0200-1	Sample		Aqueous	Ме	rcury 04	06/05/15	06/05/15	20:55	150605S07	
15-06-0200-1	Matrix Spike		Aqueous	Me	rcury 04	06/05/15	06/05/15	20:42	150605S07	
15-06-0200-1	Matrix Spike I	Duplicate	Aqueous	Me	rcury 04	06/05/15	06/05/15	20:44	150605S07	
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> %Rec.	<u>MSD</u> Conc.	<u>MSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Mercury	ND	10.00	9.812	98	9.941	99	57-141	1	0-10	



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	06/04/15
27201 Puerta Real, Suite 350	Work Order:	15-06-0450
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discha	arge	Page 1 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-06-0595-2	Sample	Aqueous	N/A	06/10/15 00:00	06/10/15 20:00	F0610TSSD1
15-06-0595-2	Sample Duplicate	Aqueous	N/A	06/10/15 00:00	06/10/15 20:00	F0610TSSD1
Parameter		Sample Conc.	DUP Conc.	<u>RPD</u>	RPD CL	Qualifiers
Solids, Total Suspended		420.0	432.0	3	0-20	



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	06/04/15
27201 Puerta Real, Suite 350	Work Order:	15-06-0450
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 5220 C
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
D-ID-150604	Sample	Aqueous	BUR06	06/15/15 00:00	06/15/15 20:00	F0615ODD3
D-ID-150604	Sample Duplicate	Aqueous	BUR06	06/15/15 00:00	06/15/15 20:00	F0615ODD3
Parameter		Sample Conc.	DUP Conc.	<u>RPD</u>	RPD CL	Qualifiers
Chemical Oxygen Demand		257.0	253.0	2	0-25	





ANCHOR QEA, LLC	Date Received:	06/04/15
27201 Puerta Real, Suite 350	Work Order:	15-06-0450
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 4

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Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Prep	pared Date	e Analyzed	LCS/LCSD Ba	atch Number
099-09-010-7200	LCS	Αqι	ieous	N/A	06/10/15	06/1	0/15 20:00	F0610TSSL1	
099-09-010-7200	LCSD	Αqι	ieous	N/A	06/10/15	06/1	0/15 20:00	F0610TSSL1	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> <u>%Rec.</u>	LCSD Conc.	LCSD %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Solids, Total Suspended	100.0	120.0	120	117.0	117	80-120	3	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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ANCHOR QEA, LLC	Date Received:	06/04/15
27201 Puerta Real, Suite 350	Work Order:	15-06-0450
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 4

Project: San Diego Shipyard - North IUDP Discharge

Quality Control Sample ID	Туре	Mati	rix	Instrument	Date Pre	pared D	Date Analyzed	LCS/LCSD Ba	atch Number
099-16-094-873	LCS	Aqu	eous	ICP/MS 04	06/05/15	0	6/09/15 15:36	150605LA2	
099-16-094-873	LCSD	Aqu	eous	ICP/MS 04	06/05/15	0	6/09/15 15:40	150605LA2	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	<u>LCSD</u> %Rec.	%Rec.	<u>CL</u> <u>RPD</u>	RPD CL	<u>Qualifiers</u>
Arsenic	100.0	100.5	101	102.0	102	80-120	1	0-20	
Copper	100.0	102.5	102	103.2	103	80-120	1	0-20	
Lead	100.0	99.96	100	102.1	102	80-120	2	0-20	
Nickel	100.0	101.4	101	102.7	103	80-120	1	0-20	
Zinc	100.0	102.9	103	104.3	104	80-120	1	0-20	



ANCHOR QEA, LLC	Date Received:	06/04/15
27201 Puerta Real, Suite 350	Work Order:	15-06-0450
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Disch	arge	Page 3 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Pre	pared Date	Analyzed	LCS/LCSD Ba	atch Number
099-04-008-7461	LCS	Αqι	leous	Mercury 04	06/05/15	06/0	5/15 20:39	150605L07	
099-04-008-7461	LCSD	Aqu	leous	Mercury 04	06/05/15	06/0	8/15 19:16	150605L07	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> <u>%Rec.</u>	LCSD Conc.	LCSD %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	Qualifiers
Mercury	10.00	9.711	97	10.57	106	85-121	8	0-10	

RPD: Relative Percent Difference. CL: Control Limits





ANCHOR QEA, LLC	Date Received:	06/04/15
27201 Puerta Real, Suite 350	Work Order:	15-06-0450
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
Project: San Diego Shipyard - North IUDP Discharge		Page 4 of 4

Quality Control Sample ID	Туре	Mati	rix	Instrument	Date Prep	pared Date	Analyzed	LCS/LCSD Ba	atch Number
099-12-533-1049	LCS	Aqu	eous	GC 31	06/05/15	06/06	6/15 18:51	150605L04	
099-12-533-1049	LCSD	Aqu	eous	GC 31	06/05/15	06/06	6/15 19:10	150605L04	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	<u>LCSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Aroclor-1016	2.000	1.898	95	2.096	105	50-135	10	0-25	
Aroclor-1260	2.000	1.844	92	1.773	89	50-135	4	0-25	

RPD: Relative Percent Difference. CL: Control Limits



Calscience

Glossary of Terms and Qualifiers

Work Order: 15-06-0450

Page 1 of 1 Qualifiers Definition * See applicable analysis comment. Less than the indicated value. < > Greater than the indicated value. Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further 1 clarification. 2 Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. 3 Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. 4 The MS/MSD RPD was out of control due to suspected matrix interference. 5 The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. 6 Surrogate recovery below the acceptance limit. 7 Surrogate recovery above the acceptance limit. В Analyte was present in the associated method blank. ΒU Sample analyzed after holding time expired. ΒV Sample received after holding time expired. CI See case narrative. F Concentration exceeds the calibration range. ET Sample was extracted past end of recommended max. holding time. HD The chromatographic pattern was inconsistent with the profile of the reference fuel standard. HDH The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). HDL The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). J Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. JA Analyte positively identified but quantitation is an estimate. LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). ME ND Parameter not detected at the indicated reporting limit. Q Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. SG The sample extract was subjected to Silica Gel treatment prior to analysis. Х % Recovery and/or RPD out-of-range.

Ζ Analyte presence was not confirmed by second column or GC/MS analysis.

> Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

> Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

> A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

Calscience						: WO #	⊧7 LAB U	SE ONL	4				DA	C	HAI	N C	оғ с 14/	US Zoj	TOI		ECOF
7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494 For courier service / sample drop off information, contact us26_sales@euro	insus.com or call u	JS.					15	0	<u>;) (</u>]//	50		PA	GE:		1	'		OF .		1
LABORATORY CLIENT: Anchor QEA						CLIEN	NT PROJ		ME / NU	IMBER:	l a ut la		Die				P.O. N	10.:			
ADDRESS: 27201 Puerta Real, Suite 350						PROJ	JECT CC	NTACT:	byar	15 – 1	North	IUDP	Disc	narę	Je		SAMP	LER(S)	(PRINT)	
CITY: Misson Viejo	STATE: CA	ZIP:	92691			Ac	dam	Gale									Ni	.CK	- K	enn	edy
TEL: 949.347.2780 E-MAIL: agale@ancho	rqea.com										R	EQU	EST	ED	ANA		SES				
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):									Ple	ase cl	neck bo	x or fill	in blar	ık as i	neede	d.				·	
SAME DAY 24 HR 48 HR 72 HR	5 DAYS 🕸 S	STAND	ARD							p			T		Ī						
COELT EDF GLOBAL ID:			LOG CO	DDE:						Demar	Solids										
Report J-flags Watter on bottes For EDF, use field point name "D-ID" for all discharge samples	nt		served	ved	iltered		00.8 As, Cu, Pb, Ni, Z	15.1 Mercury	382 PCB Aroclors	20 C Chemical Oxyge	40 D Total Suspende										
USE SAMPLE ID SAMPLE ID DATE TIME	MATRIX C	OF ONT.	Unpre	Prese	Field F		EPA 2	EPA 2	EPA 8	SM 52	SM 25							-			
SO-N-D-ID-150004 414115 1320, 1440	ws	1		HNO ₃			х	х											-		
) 2 D-1D-150604 6/4/15 1320'11990	ws	1		H₂SO₄						x											
D-1D-150004 414115 1110	ws	1	Х						Х												
1 4 D-10-150604 61415 1324, 1446	ws	1	Х								Х										
														_							
													-								<u></u>
		Â										-									
Relinquished by: (Signature)		Rec	Ved by:	(Signatu	ire/Affilia	ation)				L				Ē	7	Date Det	310	41	5	Time:	530
Refinquished by: (Signature)		Red	eived by:	(Signatu	ire/Affilia	ation) (2-			@	5-64	, ,				Date	/4	15		Time:	945

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🔅 eurofins			WORK ORDER	NUMBER:	Pag 15-06	ge 20 of 5-	20 450	
Calsc	ience	SAMPLE RECEIPT	CHECKLIST	C	DOLER	<u> </u>	F	
CLIENT: ANCHOR	QEA			DAI	E: 06	104	2015	
TEMPERATURE: (Criteria: 0.) Thermometer ID: SC2 (CF:-0.) Sample(s) outside temp Sample(s) outside temp Sample(s) received at amb Ambient Temperature: Air	.0°C – 6.0 .3°C); Ter perature c perature c pient temp Filter	D°C, not frozen except sedim mperature (w/o CF): 2.2 riteria (PM/APM contacted by riteria but received on ice/chi perature; placed on ice for tra	ent/tissue) °C (w/ CF): y:) illed on same day of insport by courier	2 . °C; ☑	Blank E] Sampl	e 571	
CUSTODY SEAL:Cooler□ Present andSample(s)□ Present and	Intact Intact	□ Present but Not Intact □ Present but Not Intact	☑ Not Present ☑ Not Present	□ N/A □ N/A	Checke Checke	ed by:	371 965	
SAMPLE CONDITION: Chain-of-Custody (COC) doc COC document(s) received c Sampling date Sam	ument(s) omplete	received with samples e □ Matrix □ Number of c	ontainers		Yes 忆	No □	N/A	
□ No analysis requested Sampler's name indicated on Sample container label(s) cor Sample container(s) intact an Proper containers for analyse Sufficient volume/mass for an Samples received within hold	□ Not re COC nsistent w nd in good es reques nalyses re ling time	elinquished D No relinquish vith COC d condition ted equested	ed date □ No relin	quished time	N N N N N N N N N N N N N N N N N N N			Return to Contents
Aqueous samples for certa pH Residual Chlorin Proper preservation chemica Unpreserved aqueous sar	ain analys ne	ses received within 15-minute ssolved Sulfide	e nolding time d Oxygen tainer		D D		چ D	
☐ Volatile Organics ☐ 1 Container(s) for certain analy ☐ Volatile Organics ☐ D ☐ Carbon Dioxide (SM 45	vsis free c vissolved 500) □ F	is ☐ Dissolved Metals of headspace Gases (RSK-175) ☐ Dissol Ferrous Iron (SM 3500) ☐ H	ved Oxygen (SM 45 lydrogen Sulfide (Ha	00) ach)			Ø	
I edlar ™ bag(s) free of conde CONTAINER TYPE: Aqueous: □ VOA □ VOAh □ 125PBznna □ 250AGB □ □ 500PB ☑ 1AGB □ 1AGB Solid: □ 4ozCGJ □ 8ozCGJ Air: □ Tedler™	□ VOAn □ 250CGI Bna_2 □ 1 1 □ 16oz	a ₂ \Box 100PJ \Box 100PJna ₂ \Box B \swarrow 250CGBs \Box 250PB \swarrow AGBs \swarrow 1PB \Box 1PBna \Box CGJ \Box Sleeve () \Box E	(Trip Blar □ 125AGB □ 125A 〕 250PBnių □ 500AG □ EnCores [®] () □ Other Matrix (ak Lot Numbo GBh □ 125A GB □ 500AG. □] TerraCores [®]	GBp 	125PB AGJs)	
Container: $A = Amber, B = BottlPreservative: b = buffered, f = fis = H_2SO_4, u = ult$	le, C = Cle iltered, h = tra-pure, z i	ear, E = Envelope, G = Glass, J HCl, n = HNO ₃ , na = NaOH, na nna = Zn(CH ₃ CO ₂) ₂ + NaOH	= Jar, P = Plastic, and a ₂ = Na ₂ S ₂ O ₃ , p = H ₃ P	I Z = Ziploc/Res PO₄, Labele	sealable E d/Check Review	Bag ed by: ed by:	965 673	

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer ************* San Diego Bay Enviro Restoration Fund North Trust RETURN REPORT Anchor QEA, Attn: Adam Gale by 27201 Puerta Real, Suite 350 15-AUG-2015 ********* Mission Viejo, CA 92691 IU# Pmt#: 11-0564 01-A Conn: 100 ISMF#: 162556 Site Address: 2205 E Belt St, San Diego Permitted IW Flow: 432000 Check in will alert contact to escort sampler where to drive & manage Sample Point: trucker traffic. Sample tank (SB7017) will be located closest to bay. Autosampler placed on the ground closest to sample tank manhole. Access sample tank through top access hole/port. Laboratory Name: Eurofins Calscience * COPY OF ANALYSIS REOUIRED * Time(s): 0642,0742,0842,0942 Date: 7/24/2015 Sample#: 0162556-01 24 hour composite Description: Clear water Sampler: Nicholas Kennedy Parameter Units Result Daily Max 980 Chemical Oxygen Demand mg/L 8.3 Solids, Total Suspended mg/L 0.0492 Copper, Total mg/L 0.0567 Lead, Total mg/L 0.0201 Nickel, Total mg/L 0.0539 Zinc, Total mg/L 0.0232 Arsenic, Total mg/L 5 0.000128 J Mercury, Total mg/L .2 Date: 7/31/2015 Sample#: 0162556-02 Time(s): 0700 Evaluation only (no sample) Sampler: Nicholas Kennedy Description: Clear water 7/1/2015 1,633,800 Beginning Meter Read and Date gals 7/31/2015 1,672,700 Ending Meter Read and Date gals 1,255 Average Flow/calendar day thru Connection gpd 38,900 Imported Flow During Period gals 300 Maximum gals/min thru meter gpm 300 50 Minimum gals/min thru meter when discharging gpm 50-

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Rest Anchor QEA, Attn: Adam Ga 27201 Puerta Real, Suite Mission Viejo, CA 9269:	coration Fund North Trust ale 350 1	**************************************
IU# Pmt#: 11-0564 01-A	Conn: 100	ISMF#: 162556
Site Address: 2205 E Belt St	, San Diego	Permitted IW Flow: 432000
Sample Point: Check in will trucker traffi Autosampler pl sample tank th	alert contact to escort c. Sample tank (SB7017) aced on the ground close rough top access hole/po	sampler where to drive & manage will be located closest to bay. st to sample tank manhole. Access rt.
Laboratory Name: Eurofins Calscie	nce	* COPY OF ANALYSIS REQUIRED *
Sample#: 0162556-03 Date: 7 Pesticide and PCB grab Sampler: Nicholas Kennedy	/24/2015 Description: Clear	Time(s): 0642
PCB's, Total		3 <0.97

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u> <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

facility number report due date monitoring period Signature Date (Attach to Industry Self-Monitoring Form)

WORK ORDER NUMBER: 15-07-1631

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AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For Client: ANCHOR QEA, LLC Client Project Name: San Diego Shipyard - North IUDP Discharge Attention: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691-8306

Danillefonce-

Approved for release on 08/03/2015 by: Danielle Gonsman Project Manager



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1432 * TEL: (714) 895-5494 * FAX: (714) 894-7501 * www.calscience.com

CA ELAP ID: 2944 | ACLASS DoD-ELAP ID: ADE-1864 (ISO/IEC 17025:2005) | CSDLAC ID: 10109

ResultLink >

Email your PM >

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Work Order: 15-07-1631

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 07/24/15. They were assigned to Work Order 15-07-1631.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.



Client:	ANCHOR QEA, LLC		Work Order:			15-07-1631
	27201 Puerta Real, Su	uite 350	Project Name:	San Diego Shipy	yard - North I	UDP Discharge
	Mission Viejo, CA 926	91-8306	PO Number:			
			Date/Time Received:			07/24/15 19:05
			Number of Containers:			4
Attn:	Adam Gale					
Sample Ic	lentification	Lab Number	Collection Date and Ti	me Nun Cor	mber of ntainers	Matrix
D-iD-1507	24	15-07-1631-1	07/24/15 06:42	4		Aqueous



ANCHOR QEA, LLC Date Received:							07/24/15		
27201 Puerta Real, Suite 350			Work Order	:		15-07-1631 N/A			
Mission Viejo, CA 92691-8306		Preparation	:						
			Method:			SM 2540 D			
			Units:		mg				
Project: San Diego Shipyard - North IUDP Discharge Page 1 of 1									
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID		
D-iD-150724	15-07-1631-1-A	07/24/15 06:42	Aqueous	N/A	07/28/15	07/28/15 20:00	F0728TSSL1		
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LOC), if found, are c	ualified with a "	J" flag.		
Parameter	<u>Result</u>	t	<u>RL</u>	MDL	DF	<u>Qu</u>	alifiers		
Solids, Total Suspended	8.3		1.0	0.83	1.00				
Method Blank	099-09-010-7250	N/A	Aqueous	N/A	07/28/15	07/28/15 20:00	F0728TSSL1		
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but $< RI (IOC)$), if found, are o	ualified with a "	J" flag.		

Analytical Report

Comment(s): - R	esuits were evaluated to the MDL (DL)), concentrations >=	to the MDL (DL) bu	t < RL (LOQ), if four	nd, are qualified with	a "J" flag.
Parameter		<u>Result</u>	<u>RL</u>	MDL	<u>DF</u>	Qualifiers
Solids, Total Suspen	ded	ND	1.0	0.83	1.00	

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1.00



Chemical Oxygen Demand

ANCHOR QEA, LLC			Date Receiv	ved:		07/24/15			
27201 Puerta Real, Suite 350			Work Order	:		15-07-1631			
Mission Viejo, CA 92691-8306		Preparation	:			N/A			
			Method:				SM 5220 C		
Units:						07/24/13 15-07-1631 N/A SM 5220 C mg/L Page 1 of 1 Date/Time Analyzed 08/01/15 16:00 QUALIFIER QC Batch ID Analyzed 08/01/15 16:00 QUALIFIER QC Batch ID Analyzed 08/01/15 16:00 QUALIFIER Q			
Project: San Diego Shipyard - North	Project: San Diego Shipyard - North IUDP Discharge Page 1 of 1								
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID		
D-iD-150724	15-07-1631-1-C	07/24/15 06:42	Aqueous	BUR06	08/01/15	08/01/15 16:00	F0801ODB1		
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are	qualified with a	"J" flag.		
Parameter	Result	<u>t</u>	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers		
Chemical Oxygen Demand	980		25	24	5.00				
Method Blank	099-05-114-151	N/A	Aqueous	BUR06	08/01/15	08/01/15 16:00	F0801ODB1		
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LO	Q), if found, are	qualified with a	"J" flag.		
Parameter	Result	<u>t</u>	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers		

5.0

4.8

ND

ANCHOR QEA, LLC	Date Received:	07/24/15
27201 Puerta Real, Suite 350	Work Order:	15-07-1631
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
	Units:	ug/L
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 1

Client Sample N	umber	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-iD-150724		15-07-1631-1-D	07/24/15 06:42	Aqueous	ICP/MS 04	07/27/15	07/28/15 19:06	150727LA2
Comment(s):	- Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.
Parameter		Result	t	<u>RL</u>	MDL	DF	<u>C</u>	<u>ualifiers</u>
Arsenic		23.2		1.00	0.386	1.00		
Copper		49.2		1.00	0.140	1.00		
Lead		56.7		1.00	0.0898	1.00		
Nickel		20.1		1.00	0.132	1.00		
Zinc		53.9		5.00	0.479	1.00		
Method Blank		099-16-094-910	N/A	Aqueous	ICP/MS 04	07/27/15	07/28/15 18:28	150727LA2
Comment(s):	- Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.
Doromotor		Pooult		Ы	MDI	DE	0	Vuolifioro

	().	()	().		0
Parameter	<u>Result</u>	<u>RL</u>	MDL	<u>DF</u>	<u>Qualifiers</u>
Arsenic	ND	1.00	0.386	1.00	
Copper	ND	1.00	0.140	1.00	
Lead	ND	1.00	0.0898	1.00	
Nickel	ND	1.00	0.132	1.00	
Zinc	ND	5.00	0.479	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit. Mercury

ANCHOR QEA, LLC			Date Received: 07/24/				
27201 Puerta Real, Suite 350			Work Order				15-07-1631
Mission Viejo, CA 92691-8306			Preparation	1:		EF	PA 245.1 Total
			Method:				EPA 245.1
			Units:				ug/L
Project: San Diego Shipyard - North	IUDP Discharge)				Pa	ige 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-iD-150724	15-07-1631-1-D	07/24/15 06:42	Aqueous	Mercury 04	07/25/15	07/28/15 16:23	150725LA2
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	_) but < RL (LO	Q), if found, are	qualified with a	u "J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers
Mercury	0.128		0.200	0.0453	1.00	J	I
Method Blank	099-04-008-7507	N/A	Aqueous	Mercury 04	07/25/15	07/27/15 15:59	150725LA2
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	_) but < RL (LO	Q), if found, are	qualified with a	u "J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers

0.200

0.0453

1.00

ND



ANCHOR QEA, LLC	Date Received:	07/24/15
27201 Puerta Real, Suite 350	Work Order:	15-07-1631
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
	Units:	ug/L
Project: San Diego Shipyard - North IUDP Discharg	e	Page 1 of 1

Project: San Diego Snipyard - North IUDP Discharge

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-iD-150724	15-07-1631-1-B	07/24/15 06:42	Aqueous	GC 31	07/28/15	07/29/15 22:24	150728L08
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LOC), if found, are c	ualified with a "	J" flag.
Parameter	<u>Result</u>	t	<u>RL</u>	MDL	DF	<u>Qu</u>	alifiers
Aroclor-1016	ND		0.97	0.29	1.00		
Aroclor-1221	ND		0.97	0.27	1.00		
Aroclor-1232	ND		0.97	0.24	1.00		
Aroclor-1242	ND		0.97	0.17	1.00		
Aroclor-1248	ND		0.97	0.20	1.00		
Aroclor-1254	ND		0.97	0.22	1.00		
Aroclor-1260	ND		0.97	0.26	1.00		
Aroclor-1262	ND		0.97	0.25	1.00		
Aroclor-1268	ND		0.97	0.20	1.00		
Surrogate	<u>Rec. (</u>	<u>%)</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphenyl	90		50-135				
2,4,5,6-Tetrachloro-m-Xylene	76		50-135				

Method Blank	099-12-533-10	068 N/A	Aqueous	GC 31	07/28/15	07/29/15 21:26	150728L08
Comment(s):	- Results were evaluated to the MDL (DL),	concentrations >	= to the MDL (DL) but < RL (LOC), if found, are o	qualified with a	"J" flag.
Parameter	E	Result	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers
Aroclor-1016	Ν	ND	1.0	0.29	1.00		
Aroclor-1221	Ν	ND	1.0	0.28	1.00		
Aroclor-1232	Ν	ND	1.0	0.25	1.00		
Aroclor-1242	Ν	ND	1.0	0.18	1.00		
Aroclor-1248	Ν	ND	1.0	0.20	1.00		
Aroclor-1254	Ν	ND	1.0	0.23	1.00		
Aroclor-1260	Ν	ND	1.0	0.26	1.00		
Aroclor-1262	Ν	ND	1.0	0.26	1.00		
Aroclor-1268	Ν	۱D	1.0	0.21	1.00		
Surrogate	E	<u>Rec. (%)</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphe	enyl 9	8	50-135				
2,4,5,6-Tetrachlo	pro-m-Xylene 9	03	50-135				

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



ANCHOR QEA, LLC	Date Received:	07/24/15
27201 Puerta Real, Suite 350	Work Order:	15-07-1631
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 2

Quality Control Sample ID	Туре		Matrix	I	nstrument	Date Prepared	Date Ana	lyzed	MS/MSD Bat	ch Number
D-iD-150724	Sample		Aqueous	I	CP/MS 04	07/27/15	07/28/15	19:06	150727SA2	
D-iD-150724	Matrix Spike		Aqueous	I	CP/MS 04	07/27/15	07/28/15	18:39	150727SA2	
D-iD-150724	Matrix Spike	Duplicate	Aqueous	I	CP/MS 04	07/27/15	07/28/15	18:43	150727SA2	
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> %Rec	<u>MSD</u> <u>Conc.</u>	<u>MSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Arsenic	23.25	100.0	116.8	94	108.7	85	80-120	7	0-20	
Copper	49.16	100.0	139.4	90	132.1	83	80-120	5	0-20	
Lead	56.73	100.0	176.9	120	165.4	109	80-120	7	0-20	
Nickel	20.13	100.0	113.2	93	104.4	84	80-120	8	0-20	
Zinc	53.88	100.0	143.9	90	110.4	56	80-120	26	0-20	3,4


Quality Control - Spike/Spike Duplicate

ANCHOR QEA, LLC	Date Received:	07/24/15
27201 Puerta Real, Suite 350	Work Order:	15-07-1631
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Discharg	ge	Page 2 of 2

Quality Control Sample ID Туре Matrix Instrument Date Prepared Date Analyzed MS/MSD Batch Number 15-07-1306-1 07/25/15 Sample Aqueous Mercury 04 07/27/15 16:04 150725SA2 15-07-1306-1 Matrix Spike Aqueous Mercury 04 07/25/15 07/27/15 16:06 150725SA2 15-07-1306-1 Matrix Spike Duplicate Aqueous Mercury 04 07/25/15 07/27/15 16:08 150725SA2 <u>Sample</u> <u>Conc.</u> <u>MSD</u> Conc. <u>MSD</u> <u>%Rec.</u> <u>Spike</u> Added <u>MS</u> Conc. <u>MS</u> <u>%Rec.</u> %Rec. CL RPD RPD CL **Qualifiers** Parameter 100 Mercury ND 10.00 10.05 100 9.998 57-141 1 0-10

RPD: Relative Percent Difference. CL: Control Limits



Page 1 of 1

ANCHOR QEA, LLCDate Received:07/24/1527201 Puerta Real, Suite 350Work Order:15-07-1631Mission Viejo, CA 92691-8306Preparation:N/AMethod:EPA 200.8

Project: San Diego Shipyard - North IUDP Discharge

Quality Control Sample ID	Туре	Μ	atrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
D-iD-150724	Sample	A	queous	ICP/MS 04	07/27/15 00:00	07/28/15 19:06	150727SA2
D-iD-150724	PDS	Α	queous	ICP/MS 04	07/27/15 00:00	07/28/15 18:47	150727SA2
Parameter		Sample Conc.	Spike Addeo	PDS Conc.	PDS %Re	<u>ec. %Rec. C</u>	<u>CL</u> <u>Qualifiers</u>
Arsenic		23.25	100.0	115.9	93	75-125	
Copper		49.16	100.0	141.5	92	75-125	
Lead		56.73	100.0	176.3	120	75-125	
Nickel		20.13	100.0	111.8	92	75-125	
Zinc		53.88	100.0	128.0	74	75-125	5

RPD: Relative Percent Difference. CL: Control Limits



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	07/24/15
27201 Puerta Real, Suite 350	Work Order:	15-07-1631
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-07-1452-2	Sample	Aqueous	N/A	07/28/15 00:00	07/28/15 20:00	F0728TSSD1
15-07-1452-2	Sample Duplicate	Aqueous	N/A	07/28/15 00:00	07/28/15 20:00	F0728TSSD1
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Solids, Total Suspended		828.0	782.0	6	0-20	



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	07/24/15
27201 Puerta Real, Suite 350	Work Order:	15-07-1631
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 5220 C
Project: San Diego Shipyard - North IUDP Discharge		Page 2 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
D-iD-150724	Sample	Aqueous	BUR06	08/01/15 00:00	08/01/15 16:00	F0801ODD1
D-iD-150724	Sample Duplicate	Aqueous	BUR06	08/01/15 00:00	08/01/15 16:00	F0801ODD1
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand		980.0	1000	2	0-25	





ANCHOR QEA, LLC	Date Received:	07/24/15
27201 Puerta Real, Suite 350	Work Order:	15-07-1631
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard - North IUDP Discharge		Page 1 of 4

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Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Prep	pared Date	e Analyzed	LCS/LCSD Ba	tch Number
099-09-010-7250	LCS	Aqu	leous	N/A	07/28/15	07/2	8/15 20:00	F0728TSSL1	
099-09-010-7250	LCSD	Aqu	leous	N/A	07/28/15	07/2	8/15 20:00	F0728TSSL1	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> <u>%Rec.</u>	LCSD Conc.	LCSD %Rec.	%Rec. CL	<u>RPD</u>	RPD CL	Qualifiers
Solids, Total Suspended	100.0	113.0	113	110.0	110	80-120	3	0-20	

RPD: Relative Percent Difference. CL: Control Limits

Page 2 of 4

Return to Contents



ANCHOR QEA, LLC	Date Received:	07/24/15
27201 Puerta Real, Suite 350	Work Order:	15-07-1631
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8

Project: San Diego Shipyard - North IUDP Discharge

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Pre	pared Da	ite Analyzed	LCS/LCSD Ba	atch Number
099-16-094-910	LCS	Aqu	ieous	ICP/MS 04	07/27/15	07/	/28/15 18:31	150727LA2	
099-16-094-910	LCSD	Aqu	ieous	ICP/MS 04	07/27/15	07/	/28/15 18:35	150727LA2	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec. Cl</u>	<u>L</u> <u>RPD</u>	RPD CL	<u>Qualifiers</u>
Arsenic	100.0	103.6	104	103.2	103	80-120	0	0-20	
Copper	100.0	107.3	107	109.1	109	80-120	2	0-20	
Lead	100.0	102.8	103	102.2	102	80-120	1	0-20	
Nickel	100.0	103.3	103	105.7	106	80-120	2	0-20	
Zinc	100.0	110.5	111	110.1	110	80-120	0	0-20	





ANCHOR QEA, LLC	Date Received:	07/24/15
27201 Puerta Real, Suite 350	Work Order:	15-07-1631
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard - North IUDP Discharge		Page 3 of 4

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-04-008-7507	LCS	Aqueous	Mercury 04	07/25/15	07/27/15 16:01	150725LA2
Parameter		Spike Added	Conc. Recover	red LCS %Re	<u>. %Rec</u>	<u>CL</u> <u>Qualifiers</u>
Mercury		10.00	10.40	104	85-12	1

RPD: Relative Percent Difference. CL: Control Limits



ANCHOR QEA, LLC	Date Received:	07/24/15
27201 Puerta Real, Suite 350	Work Order:	15-07-1631
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
Project: San Diego Shipyard - North IUDP Discharge		Page 4 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Prep	pared Date	Analyzed	LCS/LCSD Ba	atch Number
099-12-533-1068	LCS	Aqu	ieous	GC 31	07/28/15	07/2	9/15 21:45	150728L08	
099-12-533-1068	LCSD	Aqu	ieous	GC 31	07/28/15	07/2	9/15 22:05	150728L08	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Aroclor-1016	2.000	1.885	94	1.875	94	50-135	1	0-25	
Aroclor-1260	2.000	1.933	97	1.930	96	50-135	0	0-25	

Glossary of Terms and Qualifiers

Work Order: 15-07-1631

Page 1 of 1 Qualifiers Definition * See applicable analysis comment. Less than the indicated value. < > Greater than the indicated value. Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further 1 clarification. 2 Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. 3 Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. 4 The MS/MSD RPD was out of control due to suspected matrix interference. 5 The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. 6 Surrogate recovery below the acceptance limit. 7 Surrogate recovery above the acceptance limit. В Analyte was present in the associated method blank. ΒU Sample analyzed after holding time expired. ΒV Sample received after holding time expired. CI See case narrative. F Concentration exceeds the calibration range. ET Sample was extracted past end of recommended max. holding time. HD The chromatographic pattern was inconsistent with the profile of the reference fuel standard. HDH The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). HDL The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is J estimated. JA Analyte positively identified but quantitation is an estimate. LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). ME ND Parameter not detected at the indicated reporting limit. Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike Q concentration by a factor of four or greater. SG The sample extract was subjected to Silica Gel treatment prior to analysis. Х % Recovery and/or RPD out-of-range. Ζ Analyte presence was not confirmed by second column or GC/MS analysis. Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis. Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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		Calscie	nce						: WO #	7 LAB U	SE ONL	Ŷ				DA	ATE:		7	121	112	201	5		
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LABORATOR					Jan 43.				CLIEN	NT PROJ	IECT NA	ME / NU	JMBER:							P.O. N	I O.:				
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CITY: Mis	sson Viejo			STATE:		9269	1		Ac	dam (Gale														
TEL: 949	9.347.2780	E-MAIL:	ale@anchor	qea.com										R	EQL	JEST	ED	ANA	ALYS	SES					
TURNAROU	IND TIME (Rush surcharges may app	ply to any TAT not '	"STANDARD"):									Ple	ease c	heck b	ox or fi	ll in bla	nk as	neede	ed.						
	EDAY 24 HR D LT EDF GLOBAL ID:	48 HR 🗆	72 HR 08	DAYS	₩ STAND	LOG C	ODE:			_			Demand	Solids											
Report J	STRUCTIONS: The the the Konly first I-flags The set of the set of	Nulth tSane Sumple D" for all disch	Thust Le Poin both Le arge samples	nt war -S	itten	rved	g	ered		.8 As, Cu, Pb, Ni, Zr	.1 Mercury	2 PCB Aroclors	C Chemical Oxyger	D Total Suspended											
LAB USE ONLY	SAMPLE ID	SAM DATE	PLING TIME	MATRIX	NO. OF CONT.	Unprese	Preserve	Field Fill		EPA 200	EPA 245	EPA 808	SM 5220	SM 2540										-	
D)-10-150724	7/24/05	0642,0742 0542,0942	WS	1		HNO ₃			x	x														
)-10-150724		0642,0742	ws	1		H₂SO₄						х												
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🕸 eurofins			WORK ORDER	NUMBER:	_{Ра} 15–0	ige 21 of 2	21 r 6 3/
Cals	science	SAMPLE RECEIPT	CHECKLIST	C	OOLER	10	F l
CLIENT: ANCHOR	QEA	· · · · · · · · · · · · · · · · · · ·		DA	E: 07	1241	2015
TEMPERATURE: (Criteria: Thermometer ID: SC5 (CF: Sample(s) outside ter Sample(s) outside ter Sample(s) received at ar Ambient Temperature:	0.0°C – 6. -0.2°C); Te nperature c nperature c nbient tem .ir □ Filter	0°C, not frozen except sedim emperature (w/o CF): <u>2.4</u> criteria (PM/APM contacted b criteria but received on ice/chi perature; placed on ice for tra	ent/tissue) °C (w/ CF): y:) illed on same day consport by courier	ک_2_°C; ℤ f sampling	Blank Check	□ Sample ed by: _	° 371
CUSTODY SEAL: Cooler	nd Intact nd Intact	 Present but Not Intact Present but Not Intact 	Not Present	□ N/A □ N/A	Check Check	ed by: <u>6</u> ed by: <u>6</u>	<u>571</u> 81.
SAMPLE CONDITION:					Yes	No	N/A
Chain-of-Custody (COC) do	ocument(s)	received with samples			Ø		
COC document(s) received	I complete						
□ Sampling date □ Sa	ampling tim	e 🛛 Matrix 🖾 Number of c	ontainers				
No analysis requeste	d 🛛 Not r	elinquished 🛛 No relinquish	ed date 🛛 No relin	nquished time		_	
Sampler's name indicated	on COC	•••••••••••••••••••••••••••••••••••••••				Ø	
Sample container label(s) of	consistent v	with COC	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •			
Sample container(s) intact	and in goo	d condition	••••••		Ø		
Proper containers for analy	ses reques	sted	•••••				
Sufficient volume/mass for	analyses r	equested	· · · · · · · · · · · · · · · · · · ·	••••••••••••	Ø		
Samples received within he	olding time	· · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				
Aqueous samples for ce	ertain analy	ses received within 15-minut	e holding time				
🗆 pH 🛛 Residual Chlo	orine 🗆 Di	issolved Sulfide 🛛 Dissolved	d Oxygen				A
Proper preservation chemi	cal(s) note	d on COC and/or sample con	tainer		, 🗡		
Unpreserved aqueous s	sample(s) r	eceived for certain analyses					
□ Volatile Organics □	Total Meta	als Dissolved Metals					
Container(s) for certain an	alysis free	of headspace					Ø
□ Volatile Organics □	Dissolved	Gases (RSK-175) Dissol	ved Oxygen (SM 4	500)			
🗆 Carbon Dioxide (SM	4500) 🗆 🗄	Ferrous Iron (SM 3500)	lydrogen Sulfide (H	ach)			
Tedlar™ bag(s) free of cor	ndensation				. 🗆		Ø
CONTAINER TYPE:			(Trip Bla	nk Lot Numb	er:) `
Aqueous: 🗆 VOA 🗆 VOA	h □ VOAr	na₂ ·□ 100PJ □ 100PJna₂ [□ 125AGB □ 125A	.GBh □ 125A	GBp C	125PB	
□ 125PBznna □ 250AGB	🗆 250CG	B 🗹 250CGBs 🗆 250PB 🔎	2250PBnU 🗆 500A	GB 🗆 500AG	J 🗆 50	DAGJs	
	GBna₂ □ ´	1AGBs 🗹 1PB 🗆 1PBna 🗆	· · D	D		ם	·
Solid: 🗆 4ozCGJ 🗆 8ozC	GJ □ 160:	zCGJ 🛛 Sleeve () 🗆 E	EnCores [®] () [□ TerraCores [®]	()	□	·
Air: □ Tedlar™ □ Caniste	er 🛛 Sorbe	ent Tube D PUF D	_ Other Matrix (): []	□	<u></u>
Container: A = Amber, B = B	ottle, C = Cl	ear, E = Envelope, G = Glass, J	= Jar, P = Plastic, an	d Z = Ziploc/Re	sealable	Bag	
Preservative: b = buffered, f =	= filtered, h	= HCl, n = HNO ₃ , na = NaOH, na	a₂ = Na ₂ S ₂ O ₃ , p = H ₃ I	PO₄, Labele	ed/Chec	ked by: <u></u>	<u>. 18</u>
s = H ₂ SO ₄ , u =	ultra-pure, z	znna = Zn(CH ₃ CO ₂) ₂ + NaOH			Review	ved by:	512

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INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer ****** San Diego Bay Enviro Restoration Fund North Trust RETURN REPORT Anchor QEA, Attn: Adam Gale by 15-SEP-2015 27201 Puerta Real, Suite 350 ******** Mission Viejo, CA 92691 ISMF#: 163015 Conn: 100 IU# Pmt#: 11-0564 01-A Permitted IW Flow: 432000 Site Address: 2205 E Belt St, San Diego Sample Point: Check in will alert contact to escort sampler where to drive & manage trucker traffic. Sample tank (SB7017) will be located closest to bay. Autosampler placed on the ground closest to sample tank manhole. Access sample tank through top access hole/port. **Eurofins Calscience** Laboratory Name: * COPY OF ANALYSIS REOUIRED * Time(s): 1000,1030, 1100, 1130 Date: 8/4/2015 Sample#: 0163015-01 24 hour composite Description: Clear water Sampler: N. Kennedy Result Parameter Units Daily Max 500 Chemical Oxygen Demand mg/L 3.7 Solids, Total Suspended mg/L 0.0230 Copper, Total mg/L 0.0210 Lead, Total mg/L 0.0133 Nickel, Total mg/L 0.0649 Zinc, Total mg/L 0.0118 Arsenic, Total mg/L 5 < 0.0002 Mercury, Total mg/L .2 Time(s): 0700 Sample#: 0163015-02 Date: 8/31/2015 Evaluation only (no sample) Description: Clear water Sampler: N. Kennedy 8/1/2015 533,600 Beginning Meter Read and Date gals 8/31/2015 546,400 Ending Meter Read and Date gals 413 Average Flow/calendar day thru Connection gpd 12,800 gals Imported Flow During Period 300 Maximum gals/min thru meter gpm 300 50 Minimum gals/min thru meter when discharging gpm 50-

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer			**	******	*****	
San Diego Bay Enviro Restoration Fu	und North Tr	ust	*	RETURN REPO	DRT *	
Anchor QEA, Attn: Adam Gale			*	by	*	
27201 Puerta Real, Suite 350			*	15-SEP-20	15 \star	
Mission Viejo, CA 92691			* *	* * * * * * * * * * * * * *	****	
IU# Pmt#:11-0564 01-A Conn: 1	LOO			ISMF#:	163015	
Site Address: 2205 E Belt St, San Dieg	30	Per	mit	ced IW Flow:	432000	
Sample Point: Check in will alert cont trucker traffic. Sample Autosampler placed on th sample tank through top	act to escor tank (SB7017 ne ground clc access hole/	rt sampler w 7) will be l osest to sam /port.	vhere Locat mple	e to drive & ted closest (tank manhole	manage to bay. e. Access	
Laboratory Name: Eurofins Calscience		*	COP	Y OF ANALYSI	S REQUIRED '	ł
Sample#: 0163015-03 Date: 8/4/2015		Time(s)): _1	000		
Pesticide and PCB grab						
Sampler: N. Kennedy Des	scription: _	Clear water				-
PCB's, Total	ug/I	L 3			<0.96	

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u> <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

(0)

facility number

report due date

monitoring period

alme Print Name

Project Coordinator

Signature (Attach to Industry Self-Monitoring Form)

eurofins

Calscience

WORK ORDER NUMBER: 15-08-0227

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For Client: ANCHOR QEA, LLC Client Project Name: San Diego Shipyard North 131002-01.03 Attention: Kyle King 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691-8306

Danillegones-

Approved for release on 08/13/2015 by: Danielle Gonsman Project Manager

ResultLink)

Email your PM >



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1432 * TEL: (714) 895-5494 * FAX: (714) 894-7501 * www.calscience.com

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Calscience

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Client Proje Work Orde	ect Name: r Number:	San Diego Shipyard North 131002-01.03 15-08-0227	
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3	Client Sa 3.1 SM 2 3.2 SM 8 3.3 EPA 3.4 EPA 3.5 EPA	 Imple Data. 2540 D Total Suspended Solids (Aqueous). 5220 C Chemical Oxygen Demand (Aqueous). 200.8 ICP/MS Metals (Aqueous). 245.1 Mercury (Aqueous). 8082 PCB Aroclors (Aqueous). 	5 5 7 8 9
4	Quality C 4.1 MS/I 4.2 Sam 4.3 LCS	Control Sample Data	10 10 12 14
5	Glossary	of Terms and Qualifiers	18
6	Chain-of-	Custody/Sample Receipt Form	19

Work Order: 15-08-0227

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 08/04/15. They were assigned to Work Order 15-08-0227.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.



Client:	ANCHOR QEA, LLC		Work Order:	15-08-0227
	27201 Puerta Real, S	uite 350	Project Name:	San Diego Shipyard North 131002-01.03
	Mission Viejo, CA 926	91-8306	PO Number:	
			Date/Time Received:	08/04/15 19:19
			Number of Containers:	4
Attn:	Kyle King			
Sample Ic	lentification	Lab Number	Collection Date and Time	Number of Matrix Containers
D-ID-1508	304	15-08-0227-1	08/04/15 10:00	4 Aqueous

Page 5 of 21

ANCHOR QEA, LLC			Date Receiv	/ed:			08/04/15
27201 Puerta Real, Suite 350			Work Order	:			15-08-0227
Mission Viejo, CA 92691-8306			Preparation	:			N/A
			Method:				SM 2540 D
			Units:				mg/L
Project: San Diego Shipyard North 1	31002-01.03					Pa	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-150804	15-08-0227-1-D	08/04/15 10:00	Aqueous	N/A	08/10/15	08/10/15 17:00	F0810TSSL1
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LOC	Q), if found, are o	qualified with a	"J" flag.
Parameter	Result	t	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers
Solids, Total Suspended	3.7		1.0	0.83	1.00		
Method Blank	099-09-010-7261	N/A	Aqueous	N/A	08/10/15	08/10/15 17:00	F0810TSSL1
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LOC	Q), if found, are o	qualified with a	"J" flag.
Parameter	Result	<u>t</u>	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers
Solids, Total Suspended	ND		1.0	0.83	1.00		

Chemical Oxygen Demand

1.00

ANCHOR QEA, LLC			Date Receiv	ved:			08/04/15
27201 Puerta Real, Suite 350			Work Order	:			15-08-0227
Mission Viejo, CA 92691-8306			Preparation	1:			N/A
			Method:				SM 5220 C
			Units:				mg/L
Project: San Diego Shipyard North	131002-01.03					Pa	ige 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-150804	15-08-0227-1-B	08/04/15 10:00	Aqueous	BUR06	08/11/15	08/11/15 19:00	F08110DB3
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DI	_) but < RL (LC	Q), if found, are	qualified with a	a "J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers
Chemical Oxygen Demand	500		10	9.5	2.00		
Method Blank	099-05-114-152	N/A	Aqueous	BUR06	08/11/15	08/11/15 19:00	F08110DB3
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	_) but < RL (LC	Q), if found, are	qualified with a	ı "J" flag.
Parameter	Resul	t	RI	MDI	DF	(Qualifiers

5.0

ND

4.8

Analytical Report

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- Outsete							
ANCHOR QEA, LLC			Date Rece	eived:			08/04/15
27201 Puerta Real, Suite 350)		Work Orde	er:			15-08-0227
Mission Viejo, CA 92691-830	6		Preparatio	on:			N/A
			Method:				EPA 200.8
			Units:				mg/L
Project: San Diego Shipyard	North 131002-01.03					Pa	ge 1 of 1
Client Sample Number	Lab Sample	Date/Time	Matrix	Instrument	Date	Date/Time	QC Batch ID

	Number	Collected			Prepared	Analyzed	
D-ID-150804	15-08-0227-1-A	08/04/15 10:00	Aqueous	ICP/MS 03	08/05/15	08/07/15 17:06	150805LA2
Comment(s):	- Results were evaluated to the MDL (DL), con	centrations >	= to the MDL (DI	_) but < RL (LOC), if found, are	qualified with	a "J" flag.
Parameter	Res	<u>ult</u>	<u>RL</u>	MDL	DF		<u>Qualifiers</u>
Arsenic	0.01	18	0.0100	0.00386	10.0		
Copper	0.02	30	0.0100	0.00140	10.0		
Lead	0.02	10	0.0100	0.000898	10.0		
Nickel	0.01	33	0.0100	0.00132	10.0		
Zinc	0.06	49	0.0500	0.00479	10.0		
Method Blank	099-16-094-916	N/A	Aqueous	ICP/MS 03	08/05/15	08/07/15 13:37	150805LA2
Comment(s):	- Results were evaluated to the MDL (DL), con	centrations >	= to the MDL (DI	_) but < RL (LOC), if found, are	qualified with	a "J" flag.
Parameter and a set of the set o	Res	<u>ult</u>	<u>RL</u>	MDL	DF		<u>Qualifiers</u>
Arsenic	ND		0.00100	0.000386	1.00		
Copper	ND		0.00100	0.000140	1.00		
Lead	ND		0.00100	0.0000898	1.00		
Nickel	ND		0.00100	0.000132	1.00		

0.00500

0.000479

1.00

ND

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

ANCHOR QEA, LLC			Date Receiv	/ed:			08/04/15
27201 Puerta Real, Suite 350			Work Order	:			15-08-0227
Mission Viejo, CA 92691-8306			Preparation	:		E	PA 245.1 Total
			Method:				EPA 245.1
			Units:				ug/L
Project: San Diego Shipyard North	131002-01.03					Pa	age 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-150804	15-08-0227-1-A	08/04/15 10:00	Aqueous	Mercury 04	08/05/15	08/05/15 18:24	150805LA1
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LO	ג), if found, are	qualified with a	a "J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	-	<u>Qualifiers</u>
Mercury	ND		0.200	0.0453	1.00		
Method Blank	099-04-008-7521	N/A	Aqueous	Mercury 04	08/05/15	08/05/15 18:08	150805LA1
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are	qualified with a	a "J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF		<u>Qualifiers</u>
Mercury	ND		0.200	0.0453	1.00		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



ANCHOR QEA, LLC	Date Received:	08/04/15
27201 Puerta Real, Suite 350	Work Order:	15-08-0227
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
	Units:	ug/L
Project: San Diego Shipyard North 131002-01.03		Page 1 of 1

Lab Sample Number Date/Time Collected Date/Time Analyzed **Client Sample Number** Date Prepared QC Batch ID Matrix Instrument 08/04/15 10:00 08/07/15 02:27 D-ID-150804 15-08-0227-1-C 08/05/15 150805L06 Aqueous GC 31 Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag. RL MDL DF Qualifiers Parameter Result ND 0.96 0.28 1.00 Aroclor-1016 Aroclor-1221 ND 0.27 0.96 1.00 Aroclor-1232 ND 0.96 0.24 1.00 Aroclor-1242 ND 0.96 0.17 1.00 Aroclor-1248 ND 0.96 0.19 1.00 Aroclor-1254 ND 0.96 0.22 1.00 Aroclor-1260 ND 0.96 0.25 1.00 Aroclor-1262 ND 0.96 0.25 1.00 Aroclor-1268 ND 0.96 0.20 1.00 Control Limits Surrogate Rec. (%) Qualifiers Decachlorobiphenyl 56 50-135 2,4,5,6-Tetrachloro-m-Xylene 85 50-135

Method Blank	099-12-533-	1072 N	N/A A	queous	GC 31	08/05/15	08/07/15 02:08	150805L06
Comment(s):	- Results were evaluated to the MDL (DL)), concen	trations >= to the	MDL (DL)) but < RL (LC	DQ), if found, are	qualified with	a "J" flag.
Parameter		<u>Result</u>	<u>RL</u>		MDL	DF		<u>Qualifiers</u>
Aroclor-1016		ND	1.0		0.29	1.00		
Aroclor-1221		ND	1.0		0.28	1.00		
Aroclor-1232		ND	1.0		0.25	1.00		
Aroclor-1242		ND	1.0		0.18	1.00		
Aroclor-1248		ND	1.0		0.20	1.00		
Aroclor-1254		ND	1.0		0.23	1.00		
Aroclor-1260		ND	1.0		0.26	1.00		
Aroclor-1262		ND	1.0		0.26	1.00		
Aroclor-1268		ND	1.0		0.21	1.00		
Surrogate		<u>Rec. (%)</u>	<u>)</u> <u>Cont</u>	rol Limits	Qualifier	<u>6</u>		
Decachlorobiphe	enyl	90	50-1	35				
2,4,5,6-Tetrachlo	pro-m-Xylene	95	50-1	35				

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



ANCHOR QEA, LLC	Date Received:	08/04/15
27201 Puerta Real, Suite 350	Work Order:	15-08-0227
Mission Viejo, CA 92691-8306	Preparation:	TR
	Method:	EPA 200.8
Project: San Diego Shipyard North 131002-01.03		Page 1 of 2

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Quality Control Sample ID	Туре		Matrix	Ins	trument	Date Prepared	Date Ana	lyzed	MS/MSD Ba	tch Number
15-08-0170-1	Sample		Aqueous	ICF	P/MS 03	08/05/15	08/07/15	13:58	150805SA2	3
15-08-0170-1	Matrix Spike		Aqueous	ICF	P/MS 03	08/05/15	08/07/15	13:47	150805SA2	3
15-08-0170-1	Matrix Spike	Duplicate	Aqueous	ICF	P/MS 03	08/05/15	08/07/15	13:51	150805SA2	3
Parameter	<u>Sample</u> Conc.	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> <u>%Rec.</u>	<u>MSD</u> Conc.	<u>MSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Arsenic	ND	0.1000	0.1073	107	0.09929	99	80-120	8	0-20	
Copper	ND	0.1000	0.1070	107	0.09919	99	80-120	8	0-20	
Lead	ND	0.1000	0.1103	110	0.1019	102	80-120	8	0-20	
Nickel	0.002011	0.1000	0.1048	103	0.09761	96	80-120	7	0-20	
Zinc	0.006392	0.1000	0.1023	96	0.09085	84	80-120	12	0-20	



Mercury

ND

10.00

10.09

Quality Control - Spike/Spike Duplicate

ANCHOR QEA, LLC				Da	te Received:					08/04/15
27201 Puerta Real, Suite 350)			Wo	ork Order:				15	5-08-0227
Mission Viejo, CA 92691-830	6			Pre	eparation:				EPA 24	45.1 Total
				Me	ethod:				E	PA 245.1
Project: San Diego Shipyard	North 13100	2-01.03							Page 2	of 2
Quality Control Sample ID	Туре		Matrix		Instrument	Date Prepared	Date Ana	lyzed	MS/MSD Bat	ch Number
15-08-0221-1	Sample		Aqueous		Mercury 04	08/05/15	08/05/15	18:15	150805SA1	
15-08-0221-1	Matrix Spike		Aqueous		Mercury 04	08/05/15	08/05/15	18:17	150805SA1	
15-08-0221-1	Matrix Spike	Duplicate	Aqueous		Mercury 04	08/05/15	08/05/15	18:20	150805SA1	
Parameter	<u>Sample</u> Conc.	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> %Re	<u>MSD</u> 	<u>MSD</u> <u>%Rec.</u>	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>

101

9.988

100

57-141

1

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RPD: Relative Percent Difference. CL: Control Limits



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	08/04/15
27201 Puerta Real, Suite 350	Work Order:	15-08-0227
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard North 131002-01.03		Page 1 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-08-0255-2	Sample	Aqueous	N/A	08/10/15 00:00	08/10/15 17:00	F0810TSSD2
15-08-0255-2	Sample Duplicate	Aqueous	N/A	08/10/15 00:00	08/10/15 17:00	F0810TSSD2
Parameter		Sample Conc.	DUP Conc.	<u>RPD</u>	RPD CL	Qualifiers
Solids, Total Suspended		626.0	650.0	4	0-20	



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	08/04/15
27201 Puerta Real, Suite 350	Work Order:	15-08-0227
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 5220 C
Project: San Diego Shipyard North 131002-01.03		Page 2 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
D-ID-150804	Sample	Aqueous	BUR06	08/11/15 00:00	08/11/15 19:00	F0811ODD3
D-ID-150804	Sample Duplicate	Aqueous	BUR06	08/11/15 00:00	08/11/15 19:00	F0811ODD3
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand		500.0	492.0	2	0-25	



ANCHOR QEA, LLC	Date Received:	08/04/15
27201 Puerta Real, Suite 350	Work Order:	15-08-0227
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard North 131002-01.03		Page 1 of 4

Quality Control Sample ID	Туре	Matr	ix	Instrument	Date Prer	pared D	ate Analvzed	LCS/LCSD Ba	tch Number
099-09-010-7261	LCS	Aqu	eous	N/A	08/10/15	0	8/10/15 17:00	F0810TSSL1	
099-09-010-7261	LCSD	Aqu	eous	N/A	08/10/15	0	8/10/15 17:00	F0810TSSL1	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	<u>LCSD</u> %Rec.	<u>%Rec. (</u>	CL RPD	RPD CL	<u>Qualifiers</u>
Solids, Total Suspended	100.0	115.0	115	116.0	116	80-120	1	0-20	





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ANCHOR QEA, LLC	Date Received:	08/04/15
27201 Puerta Real, Suite 350	Work Order:	15-08-0227
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard North 131002-01.03		Page 2 of 4

Project: San Diego Shipyard North 131002-01.03

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Pre	pared D	Date Analyzed	LCS/LCSD Ba	atch Number
099-16-094-916	LCS	Αqι	ieous	ICP/MS 03	08/05/15	0	8/07/15 13:40	150805LA2	
099-16-094-916	LCSD	Αqι	ieous	ICP/MS 03	08/05/15	0	8/07/15 13:44	150805LA2	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	<u>LCSD</u> <u>%Rec.</u>	%Rec.	<u>CL</u> <u>RPD</u>	RPD CL	<u>Qualifiers</u>
Arsenic	0.1000	0.1023	102	0.1022	102	80-120	0	0-20	
Copper	0.1000	0.1026	103	0.1022	102	80-120	0	0-20	
Lead	0.1000	0.09907	99	0.09797	98	80-120	1	0-20	
Nickel	0.1000	0.09824	98	0.09813	98	80-120	0	0-20	
Zinc	0.1000	0.1002	100	0.09860	99	80-120	2	0-20	



ANCHOR QEA, LLC	Date Received:	08/04/15
27201 Puerta Real, Suite 350	Work Order:	15-08-0227
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard North 131002-01.03		Page 3 of 4

Quality Control Sample ID	Туре	Matr	ix	Instrument	Date Prep	bared Da	ate Analyzed	LCS/LCSD Ba	tch Number
099-04-008-7521	LCS	Aqu	eous	Mercury 04	08/05/15	30	8/05/15 18:11	150805LA1	
099-04-008-7521	LCSD	Aqu	eous	Mercury 04	08/05/15	30	8/05/15 18:13	150805LA1	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> <u>%Rec.</u>	LCSD Conc.	LCSD %Rec.	<u>%Rec. C</u>	CL RPD	RPD CL	Qualifiers
Mercury	10.00	11.65	117	11.44	114	85-121	2	0-10	



RPD: Relative Percent Difference. CL: Control Limits





ANCHOR QEA, LLC	Date Received:	08/04/15
27201 Puerta Real, Suite 350	Work Order:	15-08-0227
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
Project: San Diego Shipyard North 131002-01.03		Page 4 of 4

Project: San Diego Shipyard North 131002-01.03

Quality Control Sample ID	Туре	Mati	rix	Instrument	Date Pre	pared Da	ate Analyzed	LCS/LCSD B	atch Number
099-12-533-1072	LCS	Aqu	ieous	GC 31	08/05/15	80	3/07/15 01:29	150805L06	
099-12-533-1072	LCSD	Aqu	ieous	GC 31	08/05/15	80	3/07/15 01:49	150805L06	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	<u>LCSD</u> %Rec.	<u>%Rec. C</u>	CL RPD	RPD CL	<u>Qualifiers</u>
Aroclor-1016	2.000	2.060	103	2.066	103	50-135	0	0-25	
Aroclor-1260	2.000	2.073	104	2.158	108	50-135	4	0-25	

Page 1 of 1

Calscience

Work Order: 15-08-0227

Glossary of Terms and Qualifiers

<u>Qualifiers</u>	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
В	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
Х	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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	carscience					, , , ,				0	no	05		DATE:		01 1/0013						
) Lincoln Way, Garden Grove, CA 928 courier service / sample drop off inforr	nation, contact us26_sales	@eurofinsus.com	or call us.				CHEN					<u> 7</u> 4		FAGE.		1	PON					
Anchor G	EA						San	n Pros	o Ship	vard N	Jorth 1	31002-	01.03				F.O. N	ю				
ADDRESS: 27201 Puerta Real, Suite 350						ŀ	PROJ	ECT CO	NTACT:								SAMP	LER(S):	(PRINT)			
^{Y:} Mission Viejo	,	STATE:	CA	[°] 926	91		Kyle	e King														
949.347.2780	E-MAIL: <u>kking@ar</u>	chorgea.com									5	R	EQUE	STE) AN	IALY	SES	;				
RNAROUND TIME (Rush surcharges may ap	ply to any TAT not "STANDARD				、 、		<u> </u>	2		Ple	aget	eck box	or fill in l	blank a	s need	ed.			\neg			
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B: SAMPLE ID	SAMPLING	MATRIX	NO. OF	npreser	reserve	ield Filte		PA 2	PA:	PA S	MBI	M 20										
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D-10-150804	1000 H	30- INS	1	「大						X												
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🔅 eurofins		WORK ORDER	NUMBER:	Pag 15-08	B -	227
Calscier	SAMPLE RECEIPT	CHECKLIST	C	OOLER	o	F
CLIENT: ANCHOR OF	A		DA	re: 08	104 1	2015
TEMPERATURE: (Criteria: 0.0° Thermometer ID: SC5 (CF:-0.2° □ Sample(s) outside tempera	C – 6.0°C, not frozen except sedir C); Temperature (w/o CF): <u>2 .</u> ature criteria (PM/APM contacted I	nent/tissue) <u>6</u> °C (w/ CF): <u>6</u> by:)	<u>₹.4</u> °c;•⊄	Blank [⊐ Sample	Э
□ Sample(s) outside tempera □ Sample(s) received at ambien Ambient Temperature: □ Air □	ature criteria but received on ice/cl ht temperature; placed on ice for tr Filter	hilled on same day o ansport by courier	f sampling	Checke	ed by: (311
CUSTODY SEAL: Cooler	act	☑ Not Present ☑ Not Present	□ N/A □ N/A	Checke Checke	ed by: <u>C</u> ed by: <u>L</u>	<u>مار</u>
SAMPLE CONDITION: Chain-of-Custody (COC) docum COC document(s) received com	ent(s) received with samples plete ng time □ Matrix □ Number of o	containers		Yes	No □ □	N/A □ □
□ No analysis requested □ Sampler's name indicated on CC Sample container label(s) consis Sample container(s) intact and in Proper containers for analyses r Sufficient volume/mass for analy	Not relinquished D No relinquished DC stent with COC n good condition equested yses requested	hed date □ No relir	iquished time			
Samples received within holding Aqueous samples for certain D pH D Residual Chlorine Proper preservation chemical(s) Unpreserved aqueous sampl	timeanalyses received within 15-minu Dissolved Sulfide Dissolve noted on COC and/or sample cor e(s) received for certain analyses	te holding time d Oxygen ntainer				
□ Volatile Organics □ Total Container(s) for certain analysis □ Volatile Organics □ Disso □ Carbon Dioxide (SM 4500)	I Metals □ Dissolved Metals free of headspace olved Gases (RSK-175) □ Disso) □ Ferrous Iron (SM 3500) □ I	lved Oxygen (SM 45 Hvdrogen Sulfide (Ha	600) ach)			Ŀ
Tedlar™ bag(s) free of condens	ation		·····			Ø
CONTAINER TYPE: Aqueous: □ VOA □ 125PBznna □ 250AGB □ 2 □ 500PB ☑ 1AGB □ 1AGBna; Solid: □ 4ozCGJ □ 8ozCGJ □ Air: □ Tedlar™ □ Canister □ Container: A = Amber, B = Bottle, C □	VOAna₂ □ 100PJ □ 100PJna₂ 50CGB □ 250CGBs □ 250PB I ₂ □ 1AGBs ☑ 1PB □ 1PBna □ 1 16ozCGJ □ Sleeve () □ Sorbent Tube □ PUF □ = Clear, E = Envelope, G = Glass, J	(Trip Blar ☐ 125AGB ☐ 125A ☐ 250PBn / ☐ 500AG] ☐ EnCores [®] () ☐ Other Matrix (= Jar, P = Plastic, and	GBh □ 125A GBh □ 125A GB □ 500AG. □ □ I TerraCores [®]): □ Z = Ziploc/Res	GBp □ GBp □ J □ 500, (□ () J sealable E	125PB AGJ s)
Preservative: \mathbf{b} = buffered, \mathbf{f} = filter \mathbf{s} = H ₂ SO ₄ , \mathbf{u} = ultra-p	ed, h = HCl, n = HNO ₃ , na = NaOH, n pure, znna = Zn(CH ₃ CO ₂) ₂ + NaOH	$a_2 = Na_2S_2O_3, p = H_3P$	O ₄ , Labele	d/Check Review	ed by: <u>1</u> ed by: <u>6</u>	<u>>13</u> 81

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SAMPLE ANOMALY REPORT

DATE: 08 / 4 / 2015

	the second s
SAMPLES, CONTAINERS, AND LABELS:	Comments
□ Sample(s) NOT RECEIVED but listed on COC	
□ Sample(s) received but NOT LISTED on COC	
Holding time expired (list client or ECI sample ID and analysis)	
□ Insufficient sample amount for requested analysis (list analysis)	
Improper container(s) used (list analysis)	
Improper preservative used (list analysis)	
No preservative noted on COC or label (list analysis and notify lab)	
Sample container(s) not labeled	
□ Client sample label(s) illegible (list container type and analysis)	<u>Received sample containers not</u>
Client sample label(s) do not match COC (comment)	labeled.
Project information	
Client sample ID	
□ Sampling date and/or time	
□ Number of container(s)	·
□ Requested analysis	
□ Sample container(s) compromised (comment)	
Broken	
□ Water present in sample container	
Air sample container(s) compromised (comment)	
□ Flat	
□ Very low in volume	
Leaking (not transferred; duplicate bag submitted)	
□ Leaking (transferred into ECI Tedlar™ bags*)	
□ Leaking (transferred into client's Tedlar™ bags*)	
* Transferred at client's request.	
MISCELLANEOUS: (Describe)	Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis
5			

Comments:

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

Return to Contents

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palm San Diego Ba Anchor QEA, 27201 Puerta Mission Viej IU# Pmt#: 11-0564	Her Ay Enviro Resto Attn: Adam Gal Real, Suite 3 O, CA 92691 4 01-A	***; * * * * *	****** DRT * 15 * 163389			
		Con Diana		Dormitto	d TW Flow	422000
Site Address: 2 Sample Point: C t A	heck in will a rucker traffic utosampler pla ample tank thr	San Diego lert contact to e . Sample tank (Si ced on the ground ough top access h	escort s 37017) w d closes nole/por	sampler where will be locate st to sample t	to drive & d closest t ank manhole	manage co bay. e. Access
Laboratory Name:				* COPY	OF ANALYSIS	5 REQUIRED *
Sample#: 0163389	-01 Date: 9/14	4/2015		071 Time(s): 132	0, 0810, 0910, 10 0	05, 1140, 1240,
24 hour composit	e					
Sampler: Nicholas	Kennedy	Descriptio	n: Clear	water		
Parameter			Units	Dailv Max		Result
			/=			300
Chemical Oxyge.	n Demand		mg/L			11
Solids, Total	Suspended		mg/L			0.0190
Copper, Total			mg/L			0.0226
Lead, Total			mg/L			0.0118
NICKEL, IOLAL			шg/ц mar/т			0.0355
Argonia Total			mg/L	F		0.00386
Alsenic, Iotal			m_{α}/I	2		< 0.0002
mercury, rocar			mg/ 1	.2		
Sample#: 0163389	-02 Date: <u>9/3</u>	0/2015		Time(s): 070	00	
Evaluation only	(no sample)					
Sampler: Nicholas	Kennedy	Descriptio	n: Clea	r water		
Beginning Mete	r Read and Dat	е	gals		9/1/2015	1,685,500
Ending Meter R	ead and Date		gals		9/30/2015	1,780,000
Average Flow/c	alendar day th	ru Connection	gpd			3,150
Imported Flow	During Period		gals			94,500
Maximum gals/m	in thru meter		gpm	300		300
Minimum gals/m	in thru meter	when discharging	gpm	50-		50
INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Pa San Diego Anchor QEA 27201 Pue: Mission V:	almer Bay Enviro Res A, Attn: Adam (rta Real, Suite iejo, CA 9269	**************************************	* * *		
IU# Pmt#: 11-0	564 01-A	Conn: 100		ISMF#: 16338	9
Site Address:	2205 E Belt S	t, San Diego		Permitted IW Flow: 432000	
Sample Point:	Check in will trucker traff Autosampler p sample tank t	alert contact to e ic. Sample tank (SB laced on the ground hrough top access h	scort s 7017) w l closes nole/por	ampler where to drive & manage will be located closest to bay. It to sample tank manhole. Acces at.	35
Laboratory Nam	<pre># Pmt#: 11-0564 01-A Conn: 100 I te Address: 2205 E Belt St, San Diego Permitted IW mple Point: Check in will alert contact to escort sampler where to dr trucker traffic. Sample tank (SB7017) will be located clo Autosampler placed on the ground closest to sample tank m sample tank through top access hole/port. boratory Name: Eurofins Calscience * COPY OF AM mple#: 0163389-03 Date: 9/14/2015 Time(s): 0710 sticide and PCB grab</pre>				RED *
Sample#: 01633	89-03 Date:	3/14/2015		Time(s):	
Pesticide and	PCB grab	Deggaintie	Clear	rwater	
PCB's, Total	5 Kenneuy	Description	ug/L	3	16

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u> <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

facility number

report due date

monitoring

Name

Signature (Attach to Industry Self-Monitoring Form)

J:\SHARED\Compliance\SM Certification forms\SMR Cert.docx

Rev. 11/02/09w

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WORK ORDER NUMBER: 15-09-1013

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For Client: ANCHOR QEA, LLC Client Project Name: San Diego Shipyard North 131002-01.03 Attention: Kyle King 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691-8306

Approved for release on 09/29/2015 by: Carla Hollowell Project Manager

ResultLink >

Email your PM >



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1432 * TEL: (714) 895-5494 * FAX: (714) 894-7501 * www.calscience.com

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Client Pro Work Ord	iject Name: er Number:	San Diego Shipyard North 131002-01.03 15-09-1013	
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2	Sample	Summary	4
3	Client Sa 3.1 SM 3.2 SM 3.3 EPA 3.4 EPA 3.5 EPA	ample Data. 2540 D Total Suspended Solids (Aqueous). 5220 C Chemical Oxygen Demand (Aqueous). 200.8 ICP/MS Metals (Aqueous). 245.1 Mercury (Aqueous). 8082 PCB Aroclors (Aqueous).	5 5 7 8 9
4	Quality 0 4.1 MS/ 4.2 Sam 4.3 LCS	Control Sample Data. MSD. Iple Duplicate. /LCSD.	10 10 12 14
5	Glossary	of Terms and Qualifiers	18
6	Chain-of	-Custody/Sample Receipt Form	19

Work Order: 15-09-1013

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 09/14/15. They were assigned to Work Order 15-09-1013.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.



Sample lo	dentification	Lab Number	Collection Date and Time	Number of Matrix Containers
Attn:	Kyle King			
			Number of Containers:	4
			Date/Time Received:	09/14/15 17:45
	Mission Viejo,	CA 92691-8306	PO Number:	
	27201 Puerta F	Real, Suite 350	Project Name:	San Diego Shipyard North 131002-01.03
Client:	ANCHOR QEA	, LLC	Work Order:	15-09-1013



ANCHOR QEA, LLC		Date Receiv	ved:		09/14/15			
27201 Puerta Real, Suite 350			Work Order: 15-09-1013					
Mission Viejo, CA 92691-8306	Preparation	:			N/A			
	Method:				SM 2540 D			
			Units:				mg/L	
Project: San Diego Shipyard North	131002-01.03					Pa	ge 1 of 1	
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-ID-150914	15-09-1013-1-C	09/14/15 00:00	Aqueous	N/A	09/18/15	09/18/15 18:00	F0918TSSL1	
Parameter		Result	RL		DF	Qua	lifiers	
Solids, Total Suspended		11	1.0		1.00			
Method Blank	099-09-010-7309	N/A	Aqueous	N/A	09/18/15	09/18/15 18:00	F0918TSSL1	
Parameter		Result	RL		DF	Qua	lifiers	
Solids, Total Suspended		ND	1.0		1.00			



ANCHOR QEA, LLC			Date Receiv	ved:		09/14/15			
27201 Puerta Real, Suite 350			Work Order	:			15-09-1013		
Mission Viejo, CA 92691-8306	Preparation	:			N/A				
	Method:				SM 5220 C				
			Units:			mg/L			
Project: San Diego Shipyard North	131002-01.03					Pa	ge 1 of 1		
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID		
D-ID-150914	15-09-1013-1-A	09/14/15 00:00	Aqueous	BUR06	09/21/15	09/21/15 19:40	F09210DB3		
Parameter		Result	RL		DF	Qua	alifiers		
Chemical Oxygen Demand		300	5.0	1	1.00				
Method Blank	099-05-114-158	N/A	Aqueous	BUR06	09/21/15	09/21/15 19:40	F09210DB3		
Parameter		Result	RL		DF	Qua	alifiers		
Chemical Oxygen Demand		ND	5.0	1	1.00				



Nickel

Zinc

ANCHOR QEA, LLC	Date Receiv	/ed:			09/14/15			
27201 Puerta Real, Suite 350			Work Order	:		15-09-1013		
Mission Viejo, CA 92691-8306			Preparation	:			N/A	
			Method:			EPA 200.8		
		Units:				mg/L		
Project: San Diego Shipyard North 131002-01.03 Page 1 of 1								
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-ID-150914	15-09-1013-1-B	09/14/15 00:00	Aqueous	ICP/MS 03	09/15/15	09/17/15 06:36	150915LA4B	
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LOQ), if found, are o	qualified with a "	J" flag.	
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>Q</u> 1	<u>ualifiers</u>	
Arsenic	0.003	86	0.00100	0.000386	1.00			
Copper	0.019	0	0.00100	0.000140	1.00			
Lead	0.022	6	0.00100	0.0000898	1.00			

Zinc	0.0	355	0.00500	0.000479	1.00	
Method Blank	099-16-094-963	N/A	Aqueous	ICP/MS 03	09/15/15	09/19/15 150915LA4B 03:12
Comment(s):	- Results were evaluated to the MDL (DL), co	ncentration	ns >= to the MDL (DI) but < RL (LOC), if found, are	qualified with a "J" flag.
Parameter	Re	<u>sult</u>	<u>RL</u>	MDL	DF	Qualifiers
Arsenic	ND		0.00100	0.000386	1.00	
Copper	ND		0.00100	0.000140	1.00	
Lead	ND		0.00100	0.0000898	1.00	
Nickel	ND		0.00100	0.000132	1.00	
Zinc	ND		0.00500	0.000479	1.00	

0.00100

0.000132

1.00

0.0118



ANCHOR QEA, LLC		Date Receiv	ved:		09/14/15			
27201 Puerta Real, Suite 350			Work Order	:		15-09-1013		
Mission Viejo, CA 92691-8306			Preparation	:		E	PA 245.1 Total	
			Method:				EPA 245.1	
			Units:				mg/L	
Project: San Diego Shipyard North 1	31002-01.03					Pa	age 1 of 1	
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-ID-150914	15-09-1013-1-B	09/14/15 00:00	Aqueous	Mercury 04	09/17/15	09/17/15 18:36	150917LA2	
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL) but < RL (LOC), if found, are	qualified with a	a "J" flag.	
Parameter	<u>Resul</u>	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	<u>Qualifiers</u>	
Mercury	ND		0.000200	0.0000453	1.00			
Method Blank	099-04-008-7569	N/A	Aqueous	Mercury 04	09/17/15	09/17/15 18:27	150917LA2	
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL) but < RL (LOC), if found, are	qualified with a	a "J" flag.	
Parameter	<u>Resul</u>	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	<u>Qualifiers</u>	
Mercury	ND		0.000200	0.0000453	1.00			



ANCHOR QEA, LLC	Date Received:	09/14/15
27201 Puerta Real, Suite 350	Work Order:	15-09-1013
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
	Units:	ug/L
Project: San Diego Shipyard North 131002-01.03		Page 1 of 1

Lab Sample Number Date/Time Collected Date/Time **Client Sample Number** Date Prepared QC Batch ID Matrix Instrument Analyzed 09/16/15 11:42 09/14/15 00:00 D-ID-150914 150915L07 15-09-1013-1-D Aqueous GC 58 09/15/15 Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag. RL MDL DF Qualifiers Parameter Result ND 0.96 0.28 1.00 Aroclor-1016 Aroclor-1221 ND 0.27 0.96 1.00 ND Aroclor-1232 0.96 0.24 1.00 Aroclor-1242 ND 0.96 0.17 1.00 Aroclor-1248 ND 0.96 0.19 1.00 Aroclor-1254 ND 0.96 0.22 1.00 Aroclor-1260 ND 0.96 0.25 1.00 Aroclor-1262 ND 0.96 0.25 1.00 Aroclor-1268 ND 0.96 0.20 1.00 Control Limits Surrogate Rec. (%) Qualifiers Decachlorobiphenyl 77 50-135 2,4,5,6-Tetrachloro-m-Xylene 107 50-135

Method Blank	099-12-533-10	087 N/A	Aqueous	GC 58	09/15/15	09/16/15 11:24	150915L07
Comment(s):	- Results were evaluated to the MDL (DL),	concentrations >	= to the MDL (DL) but < RL (LOC	Q), if found, are	qualified with	a "J" flag.
Parameter	<u> </u>	<u>Result</u>	<u>RL</u>	MDL	DF		<u>Qualifiers</u>
Aroclor-1016	١	ND	1.0	0.29	1.00		
Aroclor-1221	١	ND	1.0	0.28	1.00		
Aroclor-1232	١	ND	1.0	0.25	1.00		
Aroclor-1242	١	ND	1.0	0.18	1.00		
Aroclor-1248	١	ND	1.0	0.20	1.00		
Aroclor-1254	١	ND	1.0	0.23	1.00		
Aroclor-1260	١	ND	1.0	0.26	1.00		
Aroclor-1262	١	ND	1.0	0.26	1.00		
Aroclor-1268	٦	ND	1.0	0.21	1.00		
Surrogate	Ē	<u>Rec. (%)</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphe	enyl S	92	50-135				
2,4,5,6-Tetrachlo	pro-m-Xylene 1	102	50-135				



ANCHOR QEA, LLC	Date Received:	09/14/15
27201 Puerta Real, Suite 350	Work Order:	15-09-1013
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard North 131002-01.03		Page 1 of 2

Quality Control Sample ID	Туре		Matrix	Ins	trument	Date Prepared	Date Ana	lyzed	MS/MSD Bat	ch Number
15-09-0963-1	Sample		Aqueous	ICF	P/MS 03	09/15/15	09/18/15	16:54	150915SA4	
15-09-0963-1	Matrix Spike		Aqueous	ICF	P/MS 03	09/15/15	09/18/15	16:44	150915SA4	
15-09-0963-1	Matrix Spike	Duplicate	Aqueous	ICF	P/MS 03	09/15/15	09/18/15	16:47	150915SA4	
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> <u>%Rec.</u>	<u>MSD</u> Conc.	<u>MSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	Qualifiers
Arsenic	ND	0.1000	0.1040	104	0.1056	106	80-120	1	0-20	
Copper	ND	0.1000	0.1045	105	0.1060	106	80-120	1	0-20	
Lead	ND	0.1000	0.1045	105	0.1051	105	80-120	1	0-20	
Nickel	ND	0.1000	0.1007	101	0.1023	102	80-120	2	0-20	
Zinc	ND	0.1000	0.1005	100	0.1077	108	80-120	7	0-20	

0-10

1

57-141



Mercury

ND

0.01000

ANCHOR QEA, LLC				Da	te Received:					09/14/15
27201 Puerta Real, Suite 350)			Wo	ork Order:				15	5-09-1013
Mission Viejo, CA 92691-830	6			Pre	eparation:				EPA 24	45.1 Total
				Me	ethod:				E	PA 245.1
Project: San Diego Shipyard	North 13100	2-01.03							Page 2	of 2
Quality Control Sample ID	Туре		Matrix		Instrument	Date Prepared	Date Anal	yzed	MS/MSD Bat	ch Number
D-ID-150914	Sample		Aqueous		Mercury 04	09/17/15	09/17/15 1	18:36	150917SA2	
D-ID-150914	Matrix Spike		Aqueous		Mercury 04	09/17/15	09/17/15 1	18:38	150917SA2	
D-ID-150914	Matrix Spike I	Duplicate	Aqueous		Mercury 04	09/17/15	09/17/15 1	18:40	150917SA2	
Parameter	Sample	<u>Spike</u>	MS	MS	MSD	MSD	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	Qualifiers

0.007859 79

0.007798 78

RPD: Relative Percent Difference. CL: Control Limits



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	09/14/15
27201 Puerta Real, Suite 350	Work Order:	15-09-1013
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard North 131002-01.03		Page 1 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-09-0949-2	Sample	Aqueous	N/A	09/18/15 00:00	09/18/15 18:00	F0918TSSD1
15-09-0949-2	Sample Duplicate	Aqueous	N/A	09/18/15 00:00	09/18/15 18:00	F0918TSSD1
Parameter		Sample Conc.	DUP Conc.	<u>RPD</u>	RPD CL	Qualifiers
Solids, Total Suspended		614.0	614.0	0	0-20	



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	09/14/15
27201 Puerta Real, Suite 350	Work Order:	15-09-1013
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 5220 C
Project: San Diego Shipyard North 131002-01.03		Page 2 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
D-ID-150914	Sample	Aqueous	BUR06	09/21/15 00:00	09/21/15 19:40	F0921ODD3
D-ID-150914	Sample Duplicate	Aqueous	BUR06	09/21/15 00:00	09/21/15 19:40	F0921ODD3
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand		298.0	290.0	3	0-25	





ANCHOR QEA, LLC	Date Received:	09/14/15
27201 Puerta Real, Suite 350	Work Order:	15-09-1013
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard North 131002-01.03		Page 1 of 4

Quality Control Sample ID	Туре	Mati	rix	Instrument	Date Prep	pared [Date Ana	alyzed	LCS/LCSD Ba	tch Number
099-09-010-7309	LCS	Aqu	ieous	N/A	09/18/15	(09/18/15	5 18:00	F0918TSSL1	
099-09-010-7309	LCSD	Aqu	ieous	N/A	09/18/15	(09/18/15	5 18:00	F0918TSSL1	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec.</u>	<u>CL</u> RF	PD	RPD CL	<u>Qualifiers</u>
Solids, Total Suspended	100.0	87.00	87	90.00	90	80-120	3		0-20	



ANCHOR QEA, LLC	Date Received:	09/14/15
27201 Puerta Real, Suite 350	Work Order:	15-09-1013
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard North 131002-01.03		Page 2 of 4

Quality Control Sample ID	Туре	Mati	rix	Instrument	Date Pre	pared D	Date Analyzed	LCS/LCSD Ba	tch Number
099-16-094-963	LCS	Aqu	eous	ICP/MS 03	09/15/15	0	9/19/15 03:15	150915LA4B	
099-16-094-963	LCSD	Aqu	eous	ICP/MS 03	09/15/15	0	9/21/15 17:48	150915LA4B	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	<u>LCSD</u> <u>%Rec.</u>	<u>%Rec.</u>	<u>CL</u> <u>RPD</u>	RPD CL	<u>Qualifiers</u>
Arsenic	0.1000	0.1003	100	0.09849	98	80-120	2	0-20	
Copper	0.1000	0.09999	100	0.1008	101	80-120	1	0-20	
Lead	0.1000	0.1033	103	0.1018	102	80-120	1	0-20	
Nickel	0.1000	0.09731	97	0.09723	97	80-120	0	0-20	
Zinc	0.1000	0.09897	99	0.1001	100	80-120	1	0-20	

Qualifiers



Mercury

0.01000

ANCHOR QEA, LLC	Date Received:	09/14/15
27201 Puerta Real, Suite 350	Work Order:	15-09-1013
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard North 131002-01.03		Page 3 of 4

0.009208

92

85-121

0

0-10

Quality Control Sample ID Date Prepared Date Analyzed LCS/LCSD Batch Number Туре Matrix Instrument 099-04-008-7569 LCS 09/17/15 09/17/15 18:33 150917LA2 Aqueous Mercury 04 LCSD Mercury 04 09/21/15 21:15 150917LA2 099-04-008-7569 Aqueous 09/17/15 LCS %Rec. LCSD Conc. LCSD Parameter Spike Added LCS Conc. %Rec. CL <u>RPD</u> RPD CL %Rec.

92

0.009189

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



ANCHOR QEA, LLC	Date Received:	09/14/15
27201 Puerta Real, Suite 350	Work Order:	15-09-1013
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
Project: San Diego Shipyard North 131002-01.03		Page 4 of 4

Quality Control Sample ID	Туре	Mati	rix	Instrument	Date Pre	pared Date	e Analyzed	LCS/LCSD Ba	atch Number
099-12-533-1087	LCS	Aqu	ieous	GC 58	09/15/15	09/ 1	6/15 12:00	150915L07	
099-12-533-1087	LCSD	Aqu	ieous	GC 58	09/15/15	09/ 1	6/15 12:18	150915L07	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	<u>LCSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Aroclor-1016	2.000	2.034	102	2.233	112	50-135	9	0-25	
Aroclor-1260	2.000	1.755	88	1.950	98	50-135	11	0-25	

RPD: Relative Percent Difference. CL: Control Limits

Page 1 of 1



Calscience

Work Order: 15-09-1013

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В

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Qualifiers Definition See applicable analysis comment. Less than the indicated value. Greater than the indicated value. Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification. Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. The MS/MSD RPD was out of control due to suspected matrix interference. The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. Surrogate recovery below the acceptance limit. Surrogate recovery above the acceptance limit. Analyte was present in the associated method blank. ΒU Sample analyzed after holding time expired. ΒV Sample received after holding time expired. CI See case narrative. Concentration exceeds the calibration range. ET Sample was extracted past end of recommended max. holding time. HD The chromatographic pattern was inconsistent with the profile of the reference fuel standard.

Glossary of Terms and Qualifiers

- HDH The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
- HDL The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
- J Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
- JA Analyte positively identified but quantitation is an estimate.
- LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). ME
- ND Parameter not detected at the indicated reporting limit.
- Q Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
- SG The sample extract was subjected to Silica Gel treatment prior to analysis.
- Х % Recovery and/or RPD out-of-range.
- Ζ Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

🔅 eurofins		Cl	HAIN OF CUSTODY RECORD
Calscience		DATE:_	911412015
7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494		HEUSEUIS PAGE:_	1 OF1
LABORATORY CLIENT: Anchor QEA			P.O. NO.:
ADDRESS: 27201 Puerta Real, Suite 350		San Diego Shipy and No	SAMPLER(S): (PRINT)
CITY: STATE: ZIP: CA	92691	Kyle King istore	Wkennedy
TEL: 949.347.2780 E-MAIL:		REQUESTED	ANALYSES
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):		Please check box or fill in blank as r	needed.
SAME DAY □ 24 HR □ 48 HR □ 72 HR □ 5 DAYS ✤ STAND			
COELTEDF TIDOODCO3580	200 0002.	Solids	
SPECIAL INSTRUCTIONS: ICPUMMY to the North Trust Report J-flags & only first schemple point sample unter on scheme bottes himes: ofto,0510,0910,1005, 1140, 1240, 1320 LAB USE SAMPLE ID SAMPLING MATRIX OF ONLY DATE TIME, MATRIX OF ONLY 0410,0510,0510, US I D-ID-ISO914 0710,0510, US I D-ID-ISO914 0710,0510, US I D-ID-ISO914 0710, 0510, US I	Impreserved Impreserved	Image: Control Contro Control Control Contron Control Control Control Control Control C	
Relinquished by (Signature) Rece	evel by: (Stinature/A		109.1415:00
Reliliquemed by: (Signature)	eited y: (Signature/A	Affiliation) TIM F.C.	Date: 09/14/15 1745
Relinduished by: (Signature) Rece	eived by: (Signature/A	Affiliation)	Date: Time:

seurofins		•	WORK ORDER	NUMBER: 1	Pag 5-09	ge 20 of)- (C	20
Ca	Iscience	SAMPLE RECEIPT	CHECKLIST	сс	OLER	١٥	F
ANCH					F: 09	14/	2015
TEMPERATURE: (Criteri Thermometer ID: SC5 (C Sample(s) outside t Sample(s) outside t	a: 0.0°C – 6 F:-0.2°C); Te emperature emperature ambient tem	.0°C, not frozen except sedim emperature (w/o CF): 2. criteria (PM/APM contacted b criteria but received on ice/ch perature; placed on ice for tra	ent/tissue) <u>B_</u> °C (w/ CF): <u>2</u> y:) illed on same day of ansport by courier	<u></u> ℃; ₽€ sampling	3lank E] Sampl	e
Ambient Temperature:	Air 🗆 Filte	r			Checke	ed by: 🧕	<u>1/ c</u>
CUSTODY SEAL: Cooler	and Intact and Intact	 Present but Not Intact Present but Not Intact 	Not Present	□ N/A □ N/A	Checke Checke	ed by: _ (ed by: _ \	371
SAMPLE CONDITION: Chain-of-Custody (COC) COC document(s) receiv Sampling date	document(s ed complete Sampling tin) received with samples ne	ontainers		Yes	No □	N/A
□ No analysis request Sampler's name indicate Sample container label(s Sample container(s) inter Proper containers for and Sufficient volume/mass for Samples received within	ted D Not in d on COC) consistent ct and in goo alyses reque or analyses holding time	relinquished D No relinquish with COC od condition ested requested	ed date	quished time			
Aqueous samples for pH Residual Cl Proper preservation cher Unpreserved aqueous	certain anal hlorine D mical(s) note s sample(s)	yses received within 15-minut Dissolved Sulfide	e holding time d Oxygen tainer				
□ Volatile Organics Container(s) for certain a □ Volatile Organics	Total Met Total Met Dissolved	als Dissolved Metals of headspace Gases (RSK-175) Disso Ferrous Iron (SM 3500) Dis	lved Oxygen (SM 45	500) ach)			
Tedlar™ bag(s) free of c	condensation						Ø
CONTAINER TYPE: Aqueous: □ VOA □ VO □ 125PBznna □ 250AO □ 500PB □ 1AGB □ 1 Solid: □ 4ozCGJ □ 8oz Air: □ Tedlar™ □ Canis Container: A = Amber, B = Preservative: b = buffered,	DAh \Box VOA SB \Box 250CC AGBna ₂ \Box zCGJ \Box 16c ster \Box Sorb Bottle, C = C f = filtered, h	$ana_2 \square 100PJ \square 100PJna_2$ $BB \not D 250CGBs \square 250PB \not D$ $1AGBs \not D 1PB \square 1PBna \square$ $acCGJ \square Sleeve () \square B$ $ent Tube \square PUF \square$ lear, E = Envelope, G = Glass, J $= HCl, n = HNO_3, na = NaOH, n$	(Trip Blar □ 125AGB □ 125A 250PBn(□ 500AC □ ΞnCores [®] () □ Other Matrix (= Jar, P = Plastic, and a ₂ = Na ₂ S ₂ O ₃ , p = H ₃ F	ik Lot Numbe GBh □ GB □ 500AGJ □	er: GBp	125PB AGJs] Bag .ed by:	017

그는 도망에 가장 주요하는 것이 같아.

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restoration Fund North Trust Anchor QEA, Attn: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691

* RETURN REPORT * * by * * 15-NOV-2015 *

ISMF#:

* COPY OF ANALYSIS REOUIRED *

164058

IU# Pmt#: 11-0564 01-A

Conn: 100

Permitted IW Flow: 432000

Sample Point: Check in will alert contact to escort sampler where to drive & manage trucker traffic. Sample tank (SB7017) will be located closest to bay. Autosampler placed on the ground closest to sample tank manhole. Access sample tank through top access hole/port.

Laboratory Name: Eurofins Calscience

Sample#: 0164058-01 Date: 10/05/2015

Site Address: 2205 E Belt St, San Diego

Time(s): 0745,0830,0930,1215

24 hour composite Sampler: Nicholas Kennedy

_____ Description: Clear water

Parameter	Units Daily Max	Result
Chemical Ovygon Domand		280
Chemical Oxygen Demand		71
Solids, Total Suspended	mg/L	0.0331
Copper, Total	mg/L	0.0001
Lead, Total	mg/L	0.0136
Nickel, Total	mg/L	0.0199
Zinc, Total	mg/L	0.0550
Arsenic, Total	mg/L 5	0.0564
Mercury, Total	mg/L .2	0.0000488
ample#: 0164058-02 Date: 10/31/2015	Time(s): 0700	
valuation only (no comple)		

Evaluation only (no sample) Sampler: Nicholas Kennedy

Description: Clear water

Beginning Meter Read and Date	gals		10/1/2015	1,780,000
Ending Meter Read and Date	gals		10/31/2015	1,803,000
Average Flow/calendar day thru Connection	gpd			741
Imported Flow During Period	gals			23,000
Maximum gals/min thru meter	gpm	300		300
Minimum gals/min thru meter when discharging	gpm	50-		50

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restoration Fund North Trust Anchor QEA, Attn: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691	**************************************
IU# Pmt#: 11-0564 01-A Conn: 100	ISMF#: 164058
Site Address: 2205 E Belt St, San Diego	Permitted IW Flow: 432000
Sample Point: Check in will alert contact to escort samp trucker traffic. Sample tank (SB7017) will Autosampler placed on the ground closest t sample tank through top access hole/port.	oler where to drive & manage L be located closest to bay. to sample tank manhole. Access
Laboratory Name: Eurofins Calscience	* COPY OF ANALYSIS REQUIRED *
Sample#: 0164058-03 Date: 10/05/2015 T: Pesticide and PCB grab Sampler: Nicholas Kennedy Description: Clear wa	ime(s): <u>0745</u>
PCB's, Total ug/L 3	<0.97

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u> <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

2015 facility number report due date monitoring period Signature (Attach to Industry Self-Monitoring Form)

Page 1 of 21

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WORK ORDER NUMBER: 15-10-0318

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For Client: ANCHOR QEA, LLC Client Project Name: San Diego Shipyard North 131002-01.03 Attention: Kyle King 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691-8306

Approved for release on 10/14/2015 by: Carla Hollowell Project Manager

ResultLink >

Email your PM >



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1432 * TEL: (714) 895-5494 * FAX: (714) 894-7501 * www.calscience.com

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Work Order: 15-10-0318

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 10/05/15. They were assigned to Work Order 15-10-0318.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.



Client:	ANCHOR QEA	, LLC	Work Order:	15-10-0318
	27201 Puerta Real, Suite 350 P		Project Name:	San Diego Shipyard North 131002-01.03
	Mission Viejo,	CA 92691-8306	PO Number:	
		Date/Time Received:	10/05/15 17:15	
		Number of Containers:	4	
Attn:	Kyle King			
Sample Io	dentification	Lab Number	Collection Date and Time	Number of Matrix Containers
D-ID-1510	005	15-10-0318-1	10/05/15 07:45	4 Aqueous



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QC Association Summary

Work Order: 15-10-0318

Client Sample ID	Method Name	Type	Ext Name	Instrument	MS/MSD/SDP	LCS/LCSD
D-ID-151005	EPA 200.8 ICP/MS Metals		N/A	ICP/MS 03	151006SA6A	151006LA6A
D-ID-151005	EPA 245.1 Mercury		EPA 245.1 Total	Mercury 04	151008SA2	151008LA2
D-ID-151005	EPA 8082 PCB Aroclors		EPA 3510C	GC 31		151006L17
D-ID-151005	SM 2540 D Total Suspended Solids		N/A	N/A	F1007TSSD2	F1007TSSL2
D-ID-151005	SM 5220 C Chemical Oxygen Demand		N/A	BUR06	F1008ODD2	F1008ODB2



ANCHOR QEA, LLC			Date Receiv	ved:			10/05/15
27201 Puerta Real, Suite 350	Work Order	:		15-10-0318			
Mission Viejo, CA 92691-8306			Preparation	:			N/A
			Method:				SM 2540 D
			Units:				mg/L
Project: San Diego Shipyard North	131002-01.03					Pa	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-151005	15-10-0318-1-В	10/05/15 07:45	Aqueous	N/A	10/07/15	10/07/15 20:30	F1007TSSL2
Parameter		Result	RL		DF	Qua	lifiers
Solids, Total Suspended		71	1.0	1	1.00		
Method Blank	099-09-010-7344	N/A	Aqueous	N/A	10/07/15	10/07/15 20:30	F1007TSSL2
Parameter		Result	RL		DF	Qua	lifiers
Solids, Total Suspended		ND	1.0	1	1.00		

ANCHOR QEA, LLC			Date Receiv	/ed:			10/05/15
27201 Puerta Real, Suite 350	Work Order	:		15-10-0318			
Mission Viejo, CA 92691-8306			Preparation	:			N/A
			Method:				SM 5220 C
			Units:				mg/L
Project: San Diego Shipyard North	131002-01.03					Pa	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-151005	15-10-0318-1-C	10/05/15 07:45	Aqueous	BUR06	10/08/15	10/08/15 18:00	F1008ODB2
Parameter	·	Result	RL		DF	Qua	lifiers
Chemical Oxygen Demand		280	5.0		1.00		
Method Blank	099-05-114-162	N/A	Aqueous	BUR06	10/08/15	10/08/15 18:00	F1008ODB2
Parameter		Result	RL		DF	Qua	lifiers
Chemical Oxygen Demand		ND	5.0		1.00		



ANCHOR QEA, LLC	Date Received:			10/05/15				
27201 Puerta Real, Suite 350	Work Order:			15-10-0318				
Mission Viejo, CA 92691-8306			Preparation:			N/A		
			Method:				EPA 200.8	
			Units:				mg/L	
Project: San Diego Shipyard North 1	31002-01.03					Pag	e 1 of 1	
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-ID-151005	15-10-0318-1-D	10/05/15 07:45	Aqueous	ICP/MS 03	10/06/15	10/13/15 12:06	151006LA6A	
Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.								

Mathead Dlauk	000 40 004 4004 NVA	٨		40/06/45	40/42/45	4E400CL A
Zinc	0.0550	0.0500	0.00479	10.0		
Nickel	0.0199	0.0100	0.00132	10.0		
Lead	0.0136	0.0100	0.000898	10.0		
Copper	0.0331	0.0100	0.00140	10.0		
Arsenic	0.0564	0.0100	0.00386	10.0		
Parameter	Result	<u>RL</u>	MDL	DF		Qualifiers
						-

Method Blank	099-16-094-100	1 N/A	Aqueous	ICP/MS 03	10/06/15	10/13/15 1 11:49	51006LA6A
Comment(s):	- Results were evaluated to the MDL (DL), co	oncentrations >=	to the MDL (DL)	but < RL (LOQ), if found, are q	ualified with a "J"	flag.
Parameter	Re	esult	<u>RL</u>	MDL	DF	<u>Qual</u>	<u>ifiers</u>
Arsenic	NE)	0.00100	0.000386	1.00		
Copper	NE)	0.00100	0.000140	1.00		
Lead	NE)	0.00100	0.0000898	1.00		
Nickel	NE)	0.00100	0.000132	1.00		
Zinc	NE)	0.00500	0.000479	1.00		

ANCHOR QEA, LLC				/ed:	10/05/15			
27201 Puerta Real, Suite 350	Work Order	:	15-10-0318					
Mission Viejo, CA 92691-8306			Preparation	:		EPA 245.1 Total		
			Method:			EPA 245.1		
			Units:					
Project: San Diego Shipyard North 1	31002-01.03					Pa	ge 1 of 1	
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-ID-151005	15-10-0318-1-D	10/05/15 07:45	Aqueous	Mercury 04	10/08/15	10/08/15 18:42	151008LA2	
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LOC), if found, are	qualified with a	"J" flag.	
Parameter	Resu	lt	<u>RL</u>	MDL	DF	<u>Q</u>	<u>}ualifiers</u>	
Mercury 0.0000488		0.000200	0.0000453	1.00	J			
Method Blank	099-04-008-7603	N/A	Aqueous	Mercury 04	10/08/15	10/08/15 18:16	151008LA2	
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LOC), if found, are	qualified with a	"J" flag.	
Parameter	Resul	<u>lt</u>	RL	MDL	DF	<u>Q</u>	<u>ualifiers</u>	
Mercury	ND		0 000200	0 0000453	1.00			



ANCHOR QEA, LLC	Date Received:	10/05/15
27201 Puerta Real, Suite 350	Work Order:	15-10-0318
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
	Units:	ug/L
Project: San Diego Shipyard North 131002-01.03	Page 1 of 1	

Lab Sample Number Date/Time Collected Date/Time **Client Sample Number** Date Prepared QC Batch ID Matrix Instrument Analyzed 10/05/15 07:45 10/08/15 17:46 D-ID-151005 10/06/15 151006L17 15-10-0318-1-A Aqueous GC 31 Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag. RL MDL DF Qualifiers Parameter Result ND 0.97 0.29 1.00 Aroclor-1016 Aroclor-1221 ND 0.27 0.97 1.00 Aroclor-1232 ND 0.97 0.24 1.00 Aroclor-1242 ND 0.97 0.17 1.00 Aroclor-1248 ND 0.97 0.20 1.00 Aroclor-1254 ND 0.97 0.22 1.00 Aroclor-1260 ND 0.97 0.26 1.00 Aroclor-1262 ND 0.97 0.25 1.00 Aroclor-1268 ND 0.97 0.20 1.00 Control Limits Surrogate Rec. (%) Qualifiers Decachlorobiphenyl 120 50-135 2,4,5,6-Tetrachloro-m-Xylene 91 50-135

Method Blank	099-12-533-1094	N/A	Aqueous	GC 31	10/06/15	10/07/15 16:59	151006L17
Comment(s):	- Results were evaluated to the MDL (DL), con	ncentrations >= to	the MDL (DL)	but < RL (LOQ)), if found, are o	qualified with a	"J" flag.
Parameter	Res	<u>sult</u> <u>R</u>	<u>:L</u>	MDL	DF	<u>Q</u>	ualifiers
Aroclor-1016	ND	1.	.0	0.29	1.00		
Aroclor-1221	ND	1.	.0	0.28	1.00		
Aroclor-1232	ND	1.	.0	0.25	1.00		
Aroclor-1242	ND	1.	.0	0.18	1.00		
Aroclor-1248	ND	1.	.0	0.20	1.00		
Aroclor-1254	ND	1.	.0	0.23	1.00		
Aroclor-1260	ND	1.	.0	0.26	1.00		
Aroclor-1262	ND	1.	.0	0.26	1.00		
Aroclor-1268	ND	1.	.0	0.21	1.00		
<u>Surrogate</u>	Rec	<u>c. (%)</u>	control Limits	<u>Qualifiers</u>			
Decachlorobiphe	enyl 123	5	0-135				
2,4,5,6-Tetrachlo	pro-m-Xylene 96	50	0-135				



ANCHOR QEA, LLC	Date Received:	10/05/15
27201 Puerta Real, Suite 350	Work Order:	15-10-0318
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard North 131002-01.03		Page 1 of 2

Quality Control Sample ID	Туре		Matrix	Ir	nstrument	Date Prepared	Date Ana	lyzed	MS/MSD Ba	tch Number
D-ID-151005	Sample		Aqueous	IC	CP/MS 03	10/06/15	10/13/15	12:06	151006SA6	4
D-ID-151005 Matrix		e Aqueous		IC	CP/MS 03	10/06/15	10/13/15 11:56		151006SA6A	
D-ID-151005 Matrix Spike Duplicate		Aqueous ICP/		ICP/MS 03 10/06/15		10/13/15 11:59 151006SA6A			4	
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> <u>Added</u>	<u>MS</u> Conc.	<u>MS</u> %Rec.	MSD Conc.	<u>MSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	Qualifiers
Arsenic	0.05644	0.1000	0.1465	90	0.1544	98	80-120	5	0-20	
Copper	0.03313	0.1000	0.1207	88	0.1262	93	80-120	4	0-20	
Lead	0.01356	0.1000	0.1191	106	0.1228	109	80-120	3	0-20	
Nickel	0.01995	0.1000	0.1056	86	0.1103	90	80-120	4	0-20	
Zinc	0.05500	0.1000	0.1347	80	0.1376	83	80-120	2	0-20	
0-10

1

57-141



Mercury

ND

0.01000

ANCHOR QEA, LLC				Date	e Received:					10/05/15
27201 Puerta Real, Suite 350)			Woi	rk Order:				15	5-10-0318
Mission Viejo, CA 92691-830	6			Pre	paration:				EPA 24	45.1 Total
				Met	hod:				E	PA 245.1
Project: San Diego Shipyard	North 13100	2-01.03							Page 2	of 2
Quality Control Sample ID	Туре		Matrix	I	nstrument	Date Prepared	Date Analy	zed	MS/MSD Bat	ch Number
15-10-0566-1	Sample		Aqueous	r	Mercury 04	10/08/15	10/08/15 1	8:20	151008SA2	
15-10-0566-1	Matrix Spike		Aqueous	r	Mercury 04	10/08/15	10/08/15 1	8:22	151008SA2	
15-10-0566-1	Matrix Spike I	Duplicate	Aqueous	ľ	Mercury 04	10/08/15	10/08/15 1	8:29	151008SA2	
Parameter	Sample	<u>Spike</u>	MS	MS	MSD	MSD	%Rec. CL	RPD	RPD CL	Qualifiers

0.009612 96

0.009695 97



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	10/05/15
27201 Puerta Real, Suite 350	Work Order:	15-10-0318
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard North 131002-01.03		Page 1 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-10-0128-2	Sample	Aqueous	N/A	10/07/15 00:00	10/07/15 20:30	F1007TSSD2
15-10-0128-2	Sample Duplicate	Aqueous	N/A	10/07/15 00:00	10/07/15 20:30	F1007TSSD2
Parameter		Sample Conc.	DUP Conc.	<u>RPD</u>	RPD CL	Qualifiers
Solids, Total Suspended		992.0	1068	7	0-20	



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	10/05/15
27201 Puerta Real, Suite 350	Work Order:	15-10-0318
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 5220 C
Project: San Diego Shipyard North 131002-01.03		Page 2 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
D-ID-151005	Sample	Aqueous	BUR06	10/08/15 00:00	10/08/15 18:00	F1008ODD2
D-ID-151005	Sample Duplicate	Aqueous	BUR06	10/08/15 00:00	10/08/15 18:00	F1008ODD2
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand		276.0	269.0	3	0-25	





Solids, Total Suspended

100.0

ANCHOR QEA, LLC	Date Received:	10/05/15
27201 Puerta Real, Suite 350	Work Order:	15-10-0318
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard North 131002-01.03		Page 1 of 4

107.0

107

80-120

7

0-20

Quality Control Sample ID Date Prepared Date Analyzed LCS/LCSD Batch Number Туре Matrix Instrument 099-09-010-7344 LCS N/A 10/07/15 10/07/15 20:30 F1007TSSL2 Aqueous 10/07/15 20:30 F1007TSSL2 099-09-010-7344 LCSD Aqueous N/A 10/07/15 <u>LCS</u> <u>%Rec.</u> LCSD Parameter Spike Added LCS Conc. LCSD Conc. %Rec. CL <u>RPD</u> RPD CL %Rec.

100

100.0

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Qualifiers



ANCHOR QEA, LLC	Date Received:	10/05/15
27201 Puerta Real, Suite 350	Work Order:	15-10-0318
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard North 131002-01.03		Page 2 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Pre	pared Date	Analyzed	LCS/LCSD Ba	tch Number
099-16-094-1001	LCS	Aqu	ieous	ICP/MS 03	10/06/15	10/13	8/15 11:52	151006LA6A	
099-16-094-1001	LCSD	Aqu	ieous	ICP/MS 03	10/06/15	10/13	8/15 12:28	151006LA6A	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	<u>LCSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Arsenic	0.1000	0.1032	103	0.1046	105	80-120	1	0-20	
Copper	0.1000	0.1036	104	0.1028	103	80-120	1	0-20	
Lead	0.1000	0.09991	100	0.1018	102	80-120	2	0-20	
Nickel	0.1000	0.1000	100	0.09860	99	80-120	1	0-20	
Zinc	0.1000	0.1015	101	0.1009	101	80-120	1	0-20	





ANCHOR QEA, LLC	Date Received:	10/05/15
27201 Puerta Real, Suite 350	Work Order:	15-10-0318
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard North 131002-01.03		Page 3 of 4

Quality Control Sample ID Date Prepared Date Analyzed LCS/LCSD Batch Number Туре Matrix Instrument 099-04-008-7603 LCS Mercury 04 10/08/15 10/08/15 18:18 151008LA2 Aqueous LCSD Mercury 04 10/08/15 10/13/15 15:27 151008LA2 099-04-008-7603 Aqueous <u>LCSD</u> %Rec. <u>LCS</u> <u>%Rec.</u> Parameter Spike Added LCS Conc. LCSD Conc. %Rec. CL <u>RPD</u> RPD CL Mercury 0.01000 0.009956 100 0.01013 101 85-121 2 0-10

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Qualifiers



ANCHOR QEA, LLC	Date Received:	10/05/15
27201 Puerta Real, Suite 350	Work Order:	15-10-0318
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
Project: San Diego Shipyard North 131002-01.03		Page 4 of 4

Quality Control Sample ID	Туре	Mati	rix	Instrument	Date Pre	pared Date	Analyzed	LCS/LCSD Ba	atch Number
099-12-533-1094	LCS	Aqu	ieous	GC 31	10/06/15	10/07	7/15 16:21	151006L17	
099-12-533-1094	LCSD	Aqu	ieous	GC 31	10/06/15	10/07	7/15 16:40	151006L17	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	<u>LCSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Aroclor-1016	2.000	2.152	108	2.320	116	50-135	8	0-25	
Aroclor-1260	2.000	2.215	111	2.198	110	50-135	1	0-25	

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Work Order: 15-10-0318

Glossary of Terms and Qualifiers

Nork Order:	15-10-0318	Page 1 of 1
<u>Qualifiers</u>	Definition	
*	See applicable analysis comment.	
<	Less than the indicated value.	
>	Greater than the indicated value.	
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample da clarification.	ta was reported without further
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank su in control and, therefore, the sample data was reported without further clarification.	irrogate spike compound was
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to susp associated LCS recovery was in control.	ected matrix interference. The
4	The MS/MSD RPD was out of control due to suspected matrix interference.	
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected mat	rix interference.
6	Surrogate recovery below the acceptance limit.	
7	Surrogate recovery above the acceptance limit.	
В	Analyte was present in the associated method blank.	
BU	Sample analyzed after holding time expired.	
BV	Sample received after holding time expired.	
CI	See case narrative.	
Е	Concentration exceeds the calibration range.	
ET	Sample was extracted past end of recommended max. holding time.	
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.	
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard were also present (or detected).	but heavier hydrocarbons
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard also present (or detected).	but lighter hydrocarbons were
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection estimated.	limit. Reported value is
JA	Analyte positively identified but quantitation is an estimate.	
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).	
ND	Parameter not detected at the indicated reporting limit.	
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample concentration by a factor of four or greater.	exceeding the spike
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.	
Х	% Recovery and/or RPD out-of-range.	
Z	Analyte presence was not confirmed by second column or GC/MS analysis.	
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % m reported on a wet weight basis.	oisture. All QC results are
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holo (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as bein stated holding time unless received at the laboratory within 15 minutes of the collection time.	ling time of <= 15 minutes ng received outside of the

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

seurofins								-	# 7.(.A.Q.).	ISE ON	×						CH	AIN	OF	CU	STO	D.	RE	COF	RD
	Calscie	ence							# / LAD (D	ATE:			10)15	120	NC	<u>.</u>		
7440 Lincoln Way, Garden Grove, CA 92 For courier service / sample drop off info	2841-1427 • (714 rmation, contact u) 895-5494 Is26 sales@eur	ofinsus.com d	or call us.				ſ]-1	0-	05				P	AGE:			Ĺ		OF		1		<u> </u>
LABORATORY CLIENT:	QEA							CLIE	NT PRO	JECT N	AME / NU	JMBER:							P.O.	NO.:					
ADDRESS: 27201 Puerta Re	eal, Suite 3	50						PRO.	JECT CO	IO Ship	byard r	North 1	31002	2-01.0	3				SAM	PLER(S)	: (PRIN	г)			
CITY: Mission Viejo			STATE:	CA	[°] 926	91		Kyl	le King)															
TEL: 949.347.2780	E-MAIL: <u>kk</u>	ing@anchor	qea.com										F	REQ	UES	TED) AN	IALY	SES	5					
TURNAROUND TIME (Rush su thanges hay a	pply to any TAT not "	STANDARD"):		>/				5			Ple	ease ch	ieck bo	ox or fi	ll in bla	ank as	need	ed.							
	□ 48 HR □	72 HR	5 DAYS	STAN	DARE)		L'		సి		~													
	0000	00.35	50		LOG	CODE:		6	15	-ġ		Ś													
SPECIAL INSTRUCTIONS:	La Dave	the Da	421			1		J.	3	Æ		F													
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*only trist	Samp	Le pour	-f					8.	2	02	0	ž													
written on 1	atter				ved	5	ered	20	ġ	08	63	K)													
	SAMI	PLING		NO.	reser	serve	d Filte	E	1 K	78	Ś	S													
ONLY SAMPLE ID	DATE	TIME	MATRIX	OF CONT.	Cnp	Pre	Fiel	E	B	B	S	A													
D JD-151005	10/5/15		WS			this		X	\mathcal{X}			•													
D-JD-151005			WS	١		42504			ľ		X														
D-JD-151005			WS	١	X					X															
D-JD-151005			NS	(X							X													
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Relinguis A Cover Subnatura)	14			Roc	paived h	v: (Sign		Affiliat	N							E	9	10)[0	21)	5		<u>3</u>	<u>48</u>	
				i lec	Joiveu D	y. (Sigr	autien	rumatio	uti)			1	M	A	ikt	aa		Date:	inc	lis		Time	: 11(<u>c</u>
Relinquished by: (Signature)		<u> </u>	<u></u>	Rec	ceived b	y: (Sigr	nature/	Affiliatio	on)			\neg	///	10	WU			Date				Time	<u>r 2</u>	Billion	-
												V	v v												

06/02/14 Revision

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🐝 eurofins		WORK ORDER	NUMBER:	Page 15-10	∋ 21 of 2)− <u>Ø</u>	218
Calscience	SAMPLE RECEIPT	CHECKLIST	C	OOLER	<u> </u>)F \
CLIENT: ANCHOR QE	ĒA		DAT	'е: 10 /	051	2015
TEMPERATURE: (Criteria: 0.0°C – 6 Thermometer ID: SC2 (CF:-0.4°C); T Sample(s) outside temperature Sample(s) outside temperature Sample(s) received at ambient ter Ambient Temperature: Air	5.0°C, not frozen except sedim emperature (w/o CF): <u>3.2</u> criteria (PM/APM contacted b criteria but received on ice/ch nperature; placed on ice for tra	ent/tissue) C (w/ CF): y:) illed on same day o ansport by courier	<u>€.8</u> °C; ⊄ f sampling	Blank E] Sampl	e 611
CUSTODY SEAL:Cooler □ Present and IntactSample(s) □ Present and Intact	□ Present but Not Intact □ Present but Not Intact	Not Present	□ N/A □ N/A	Checke Checke	d by: <u>(</u> d by: <u>6</u>	67] 81
SAMPLE CONDITION: Chain-of-Custody (COC) document(s) COC document(s) received complete Sampling date Sampling times	s) received with samples e me □ Matrix □ Number of c	ontainers		Yes	No D	N/A
□ No analysis requested □ Not Sampler's name indicated on COC Sample container label(s) consistent Sample container(s) intact and in go Proper containers for analyses reque Sufficient volume/mass for analyses	relinquished D No relinquish with COC od condition ested requested	ed date □ No relir	iquished time	Cap a a a a a		
Aqueous samples for certain ana □ pH □ Residual Chlorine □ I Proper preservation chemical(s) note Unpreserved aqueous sample(s)	e lyses received within 15-minut Dissolved Sulfide □ Dissolved ed on COC and/or sample con received for certain analyses	e holding time d Oxygen tainer	۷			
□ Volatile Organics □ Total Me Container(s) for certain analysis free □ Volatile Organics □ Dissolver □ Carbon Dioxide (SM 4500) □	tals □ Dissolved Metals of headspace d Gases (RSK-175) □ Dissol Ferrous Iron (SM 3500) □ F	ved Oxygen (SM 45	00) ach)			Ø
Tedlar [™] bag(s) free of condensation		(Trin Blan	ik Lot Numbe	D Ar		
Aqueous: \Box VOA \Box VOA \Box VOA \Box 125PBznna \Box 250AGB \Box 250CG \Box 500PB \Box 1AGB \Box 1AGBna2 \Box Solid: \Box 4ozCGJ \Box 8ozCGJ \Box 16GAir: \Box Tedlar TM \Box Canister \Box SorbContainer:A = Amber, B = Bottle, C = CPreservative:b = buffered, f = filtered, h	$ana_2 \square 100PJ \square 100PJna_2 \square$ $GB \square 250CGBs \square 250PB \square$ $1AGBs \square 1PB \square 1PBna \square$ $accGJ \square Sleeve () \square E$ ent Tube $\square PUF \square$ lear, E = Envelope, G = Glass, J $= HCl, n = HNO_3, na = NaOH, na$	125AGB □ 125AG 250PBn □ 500AG □ nCores [®] () □ Other Matrix (= Jar, P = Plastic, and $a_2 = Na_2S_2O_3$, p = H ₃ P	GBh □ 125A B □ 500AGJ □ I TerraCores [®]): □ Z = Ziploc/Res O₄, Labele	GBp GBp GBp GBp GBp GBp GBp GBp	125PB AGJ s ag ed by: _ €	/ <u></u> <u></u>

* Collection time per label is 07:45.

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Pa San Diego Anchor QEA 27201 Puer Mission Vi	almer Bay Enviro Restoration Fund A, Attn: Adam Gale Sta Real, Suite 350 .ejo, CA 92691	l North Trust	***** * R * *	********* ETURN REPO by 15-DEC-203	******** DRT * * 15 *
IU# Pmt#: 11-05	564 01-A Conn: 100			ISMF#:	164637
Site Address:	2205 E Belt St, San Diego		Permitted	IW Flow:	432000
Sample Point:	Check in will alert contac trucker traffic. Sample ta Autosampler placed on the sample tank through top ac e. Eurofins Calscience	t to escort so nk (SB7017) w ground closes cess hole/por	ampler where to ill be located t to sample tan t. * COPY O	o drive & closest t nk manhole	manage co bay. e. Access
Laboratory Nam			COFI O	I MANIDI	5 REQUIRED
Sample#: 01646	37-01 Date: 11/04/2015		Time(s): 0930		
24 hour compos	ite				
Sampler: <u>N. Ken</u>	nedy Descr	ription: Cleary	water		
Parameter		Units	Daily Max		Result
Chamigal Orr	an Domand		(<u>************************************</u>		350
Chemical Oxy		mg/L			106
Connar Tota	1 Suspended	mg/L			0.117
Lood Total	ter and the second s	mg/L			0.0213
Nickel Tota	7	mg/L			0.0129
Zinc Total		mg/L			0.190
Arsenic Tot	al	mg/L	5		0.0133
Mercury, Tot	al	mg/L	.2		0.0000526
Sample#: 01646	37-02 Date: 11/04/2015	U.	Time(s): <u>0930</u>		
Evaluation onl	y (no sample)				
Sampler: N. Kenr	nedy Descr	ription: <u>Clear</u>	water		
Beginning Me	ter Read and Date	gals		11/1/2015	1,803,000
Ending Meter	Read and Date	gals		11/30/2015	1,869,900
Average Flow	/calendar day thru Connecti	on and			2,230
Imported Flo	w During Period	aals			66,900
Maximum dala	/min thru meter	anm	300		300
Minimum gals	/min thru meter when discha	raina apm	50-		50

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Pa	lmer			*****	*******	*****
San Diego	Bay Enviro Res	storation Fund North	Trust	* RI	ETURN REPOR	τ *
Anchor QEA	, Attn: Adam C	Gale		*	by	*
27201 Puer	ta Real, Suite	e 350		*	15-DEC-2015	· *
Mission Vi	ejo, CA 9269	91		****	*****	* * * * * *
IU# Pmt#: 11-05	64 01-A	Conn: 100			ISMF#:	164637
Site Address:	2205 E Belt S	t, San Diego		Permitted	IW Flow: 4	12000
Sample Point:	Check in will	alert contact to es	cort sam	pler where to	o drive & m	lanage
	trucker traff	ic. Sample tank (SB7	017) wil	l be located	closest to) bay.
	Autosampler p	laced on the ground	closest	to sample tar	nk manhole.	Access
	sample tank t	hrough top access ho	le/port.			
Laboratory Nam	e: Eurofins Calsci	ence		* COPY OF	F ANALYSIS	REQUIRED *
Sample#: 01646	37-03 Date:	11/04/2015	T	ime(s): 0930		
Pesticide and	PCB grab					
Sampler: <u>N. Ken</u>	nedy	Description	Clear wa	ater		
PCBIS Total		1	$\alpha/T_{c} = 3$	1		<0.96
LOL N/ IOCUL		0	5/1			

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u> <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

November 2015

facility number

report due date

monitoring period

Proje & Condinat

Signature (Attach to Industry Self-Monitoring Form)

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Calscience

WORK ORDER NUMBER: 15-11-0311

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For Client: ANCHOR QEA, LLC Client Project Name: San Diego Shipyard North 131002-01.03 Attention: Kyle King 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691-8306



Approved for release on 11/13/2015 by: Carla Hollowell Project Manager

ResultLink ▶

Email your PM >



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1432 * TEL: (714) 895-5494 * FAX: (714) 894-7501 * www.calscience.com

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Calscience

San Diego Shipyard North 131002-01.03

Work Orc	Jer Number: 15-11-0311	
1	Work Order Narrative	3
2	Work Order Specific Certification.	4
3	Sample Summary	5
4	Client Sample Data.4.1 SM 2540 D Total Suspended Solids (Aqueous).4.2 SM 5220 C Chemical Oxygen Demand (Aqueous).4.3 EPA 200.8 ICP/MS Metals (Aqueous).4.4 EPA 245.1 Mercury (Aqueous).4.5 EPA 8082 PCB Aroclors (Aqueous).	6 6 7 8 9 10
5	Quality Control Sample Data.5.1 MS/MSD.5.2 Sample Duplicate.5.3 LCS/LCSD.	11 11 13 15
6	Glossary of Terms and Qualifiers	19
7	Chain-of-Custody/Sample Receipt Form	20



Client Project Name:

Work Order: 15-11-0311

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Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 11/04/15. They were assigned to Work Order 15-11-0311.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Calscience

eurofins

CERTIFICATION

All analyses were conducted at a laboratory certified for such analyses by the California Department of Public Health in accordance with applicable USEPA and NELAP accreditation procedures.

I certify under penalty of law that the data generated for Calscience Work Order Number 15-11-0311 was prepared under my direction or supervision in accordance with a system designed to assure that gualified personnel properly gather and evaluate the information submitted. The Project Manager or designee who signed the Eurofins Calscience Work Order has been specifically authorized and approved to do SO.

The information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations

Signature, Laboratory

11/5/2015 Date

Name of Laboratory: Address of Laboratory: **Eurofins Calscience** 7440 Lincoln Way Garden Grove, CA 92841-1432

This Certification signed by:

Elizabeth Winger



Client:	ANCHOR QEA, LLO	C	Work Order:	15-11-0311
	27201 Puerta Real,	Suite 350	Project Name:	San Diego Shipyard North 131002-01.03
	Mission Viejo, CA 9	2691-8306	PO Number:	
			Date/Time Received:	11/04/15 19:23
	Number Containe		Number of Containers:	4
Attn:	Kyle King			
Sample Ic	lentification	Lab Number	Collection Date and Time	Number of Matrix Containers
D-ID-1511	04	15-11-0311-1	11/04/15 09:30	4 Aqueous

ANCHOR QEA, LLC		Date Receiv	ved:			11/04/15	
27201 Puerta Real, Suite 350			Work Order	:			15-11-0311
Mission Viejo, CA 92691-8306			Preparation	:			N/A
			Method:				SM 2540 D
			Units:				mg/L
Project: San Diego Shipyard North 1	31002-01.03					Pa	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-151104	15-11-0311-1-D	11/04/15 09:30	Aqueous	N/A	11/10/15	11/10/15 16:00	F1110TSSL2
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LOC	Q), if found, are o	qualified with a	"J" flag.
Parameter	Result		<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers
Solids, Total Suspended	106		1.00	0.829	1.00		
Method Blank	099-09-010-7396	N/A	Aqueous	N/A	11/10/15	11/10/15 16:00	F1110TSSL2
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LOC	Q), if found, are o	qualified with a	"J" flag.
Parameter	Result		<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers

Comment(s):	- Results were evaluated to the MDL	(DL), concentration	ons \geq to the MDL	(DL) but < RL (LOQ),	ir tound, are qualif	led with a "J" flag.
Parameter		<u>Result</u>	<u>RL</u>	MDL	DF	<u>Qualifiers</u>
Solids, Total Sus	pended	ND	1.0	0.83	1.00	

Analytic	al Repo	rt	

ANCHOR QEA, LLC			Date Receiv	ved:			11/04/15
27201 Puerta Real, Suite 350			Work Order	:			15-11-0311
Mission Viejo, CA 92691-8306			Preparation	:			N/A
			Method:				SM 5220 C
			Units:				mg/L
Project: San Diego Shipyard North 1	31002-01.03					Pa	ige 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-151104	15-11-0311-1-B	11/04/15 09:30	Aqueous	BUR06	11/10/15	11/10/15 15:40	F1110ODB1
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are	qualified with a	u "J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers
Chemical Oxygen Demand	350		5.0	4.8	1.00		
Method Blank	099-05-114-164	N/A	Aqueous	BUR06	11/10/15	11/10/15 15:40	F1110ODB1
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL) but < RL (LO	Q), if found, are	qualified with a	"J" flag.
Parameter	Resul	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers
Chemical Oxygen Demand	ND		5.0	4.8	1.00		



ANCHOR QEA, LLC			Date Receiv	ved:			11/04/15
27201 Puerta Real, S	Suite 350		Work Order	r:			15-11-0311
Mission Viejo, CA 92	691-8306		Preparation	1:			N/A
			Method:				EPA 200.8
			Units:				ug/L
Project: San Diego S	hipyard North 131002-01.03					Pa	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-151104	15-11-0311-1-A	11/04/15 09:30	Aqueous	ICP/MS 03	11/05/15	11/12/15 19:22	151105LA2B
Comment(s): - The rep	porting limit is elevated resulting from	matrix interfere	ence.				
- Results	s were evaluated to the MDL (DL), co	ncentrations >=	to the MDL (DI	L) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.
Parameter	Res	sult	<u>RL</u>	MDL	DF	<u>C</u>	<u>ualifiers</u>
Arsenic	13.:	3	10.0	3.86	10.0		
Copper	117		10.0	1.40	10.0		
Lead	21.3	3	10.0	0.898	10.0		
Nickel	12.	9	10.0	1.32	10.0		
Zinc	190)	50.0	4.79	10.0		
Method Blank	099-16-094-1034	N/A	Aqueous	ICP/MS 03	11/05/15	11/06/15 16:15	151105LA2B
Comment(s): - Results	s were evaluated to the MDL (DL), co	ncentrations >=	to the MDL (DI	L) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.
Parameter	Res	<u>sult</u>	<u>RL</u>	MDL	DF	<u>C</u>	ualifiers
Arsenic	ND		1.00	0.386	1.00		
Copper	ND		1.00	0.140	1.00		
Lead	ND		1.00	0.0898	1.00		
Nickel	ND		1.00	0.132	1.00		
Zinc	ND		5.00	0.479	1.00		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

ANCHOR QEA, LLC			Date Receiv	ved:			11/04/15
27201 Puerta Real, Suite 350			Work Order	:			15-11-0311
Mission Viejo, CA 92691-8306			Preparation	:		EP	A 245.1 Total
			Method:				EPA 245.1
			Units:				ug/L
Project: San Diego Shipyard North 1	31002-01.03					Pag	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-151104	15-11-0311-1-A	11/04/15 09:30	Aqueous	Mercury 04	11/11/15	11/11/15 18:35	151111LA2
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LOC	Q), if found, are	qualified with a	"J" flag.
Parameter	Result	<u>t</u>	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers
Mercury	0.0520	6	0.200	0.0453	1.00	J	
Method Blank	099-04-008-7654	N/A	Aqueous	Mercury 04	11/11/15	11/11/15 18:24	151111LA2
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LOC	Q), if found, are	qualified with a	"J" flag.
Parameter	Result	<u>t</u>	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers
Mercury	ND		0.200	0.0453	1.00		



Method Blank

ANCHOR QEA, LLC	Date Received:	11/04/15	
27201 Puerta Real, Suite 350	Work Order:	15-11-0311	
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C	
	Method:	EPA 8082	
	Units:	ug/L	
Project: San Diego Shipyard North 131002-01.03		Page 1 of 1	

Lab Sample Number Date/Time Collected Date/Time QC Batch ID Date Prepared **Client Sample Number** Matrix Instrument Analyzed 11/04/15 09:30 11/06/15 21:21 D-ID-151104 151105L14 15-11-0311-1-C Aqueous GC 31 11/05/15 Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag. RL MDL DF Qualifiers Parameter Result ND 0.96 0.28 1.00 Aroclor-1016 Aroclor-1221 ND 0.96 0.27 1.00 Aroclor-1232 ND 0.96 0.24 1.00 Aroclor-1242 ND 0.96 0.17 1.00 Aroclor-1248 ND 0.96 0.19 1.00 Aroclor-1254 ND 0.96 0.22 1.00 Aroclor-1260 ND 0.96 0.25 1.00 Aroclor-1262 ND 0.96 0.25 1.00 Aroclor-1268 ND 0.96 0.20 1.00 Surrogate Rec. (%) **Control Limits** Qualifiers Decachlorobiphenyl 70 50-135 2,4,5,6-Tetrachloro-m-Xylene 74 50-135

Method Blank	099-12-533-1104	N/A A	Aqueous GC 31	11/05/15	11/06/15 11:42	151105L14
Comment(s):	- Results were evaluated to the MDL (DL), conce	entrations >= to th	e MDL (DL) but < R	L (LOQ), if found, are	qualified with a "	J" flag.
Parameter	Result	<u>t RL</u>	MDL	<u>DF</u>	<u>Qu</u>	ualifiers
Aroclor-1016	ND	1.0	0.29	1.00		
Aroclor-1221	ND	1.0	0.28	1.00		
Aroclor-1232	ND	1.0	0.25	1.00		
Aroclor-1242	ND	1.0	0.18	1.00		
Aroclor-1248	ND	1.0	0.20	1.00		
Aroclor-1254	ND	1.0	0.23	1.00		
Aroclor-1260	ND	1.0	0.26	1.00		
Aroclor-1262	ND	1.0	0.26	1.00		
Aroclor-1268	ND	1.0	0.21	1.00		
Surrogate	<u>Rec. (</u>	(<u>%)</u> <u>Con</u>	trol Limits Qua	lifiers		
Decachlorobiphe	nyl 88	50-1	35			
2,4,5,6-Tetrachlo	ro-m-Xylene 78	50-1	35			

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Quality Control - Spike/Spike Duplicate

ANCHOR QEA, LLC	Date Received:	11/04/15
27201 Puerta Real, Suite 350	Work Order:	15-11-0311
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard North 131002-01.03		Page 1 of 2

Quality Control Sample ID	Туре		Matrix	Ins	strument	Date Prepared	Date Ana	lyzed	MS/MSD Bat	tch Number
D-ID-151104	Sample		Aqueous	IC	P/MS 03	11/05/15	11/12/15	19:22	151105SA2A	4
D-ID-151104	Matrix Spike		Aqueous	IC	P/MS 03	11/05/15	11/12/15	19:04	151105SA2A	4
D-ID-151104	Matrix Spike	Duplicate	Aqueous	IC	P/MS 03	11/05/15	11/12/15	19:08	151105SA2A	A
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> <u>Added</u>	<u>MS</u> Conc.	<u>MS</u> <u>%Rec.</u>	<u>MSD</u> Conc.	<u>MSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Arsenic	13.32	100.0	115.4	102	111.8	98	80-120	3	0-20	
Copper	117.3	100.0	207.7	90	211.3	94	80-120	2	0-20	
Lead	21.32	100.0	130.6	109	130.1	109	80-120	0	0-20	
Nickel	12.87	100.0	101.9	89	100.4	87	80-120	2	0-20	
Zinc	190.5	100.0	268.4	78	263.6	73	80-120	2	0-20	3



Mercury

Conc. ND

10.00

9.707

ANCHOR QEA, LLC				Da	te Received:					11/04/15
27201 Puerta Real, Suite 350)			W	ork Order:				15	5-11-0311
Mission Viejo, CA 92691-830	6			Pr	eparation:				EPA 24	45.1 Total
				Me	ethod:				E	PA 245.1
Project: San Diego Shipyard	North 131002	2-01.03							Page 2	of 2
Quality Control Sample ID	Туре		Matrix		Instrument	Date Prepared	Date Anal	yzed	MS/MSD Bat	ch Number
15-11-0774-1	Sample		Aqueous		Mercury 04	11/11/15	11/11/15 1	18:28	151111SA2	
15-11-0774-1	Matrix Spike		Aqueous		Mercury 04	11/11/15	11/11/15 1	18:31	151111SA2	
15-11-0774-1	Matrix Spike	ouplicate	Aqueous		Mercury 04	11/11/15	11/11/15 1	18:33	151111SA2	

97

9.503

95

57-141

2

0-10





Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	11/04/15
27201 Puerta Real, Suite 350	Work Order:	15-11-0311
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard North 131002-01.03		Page 1 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-11-0215-1	Sample	Aqueous	N/A	11/10/15 00:00	11/10/15 16:00	F1110TSSD2
15-11-0215-1	Sample Duplicate	Aqueous	N/A	11/10/15 00:00	11/10/15 16:00	F1110TSSD2
Parameter		Sample Conc.	DUP Conc.	<u>RPD</u>	RPD CL	Qualifiers
Solids, Total Suspended		30.20	30.20	0	0-20	



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	11/04/15
27201 Puerta Real, Suite 350	Work Order:	15-11-0311
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 5220 C
Project: San Diego Shipyard North 131002-01.03		Page 2 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
D-ID-151104	Sample	Aqueous	BUR06	11/10/15 00:00	11/10/15 15:40	F1110ODD1
D-ID-151104	Sample Duplicate	Aqueous	BUR06	11/10/15 00:00	11/10/15 15:40	F1110ODD1
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand		346.0	353.0	2	0-25	



Solids, Total Suspended

100.0

90.00

ANCHOR QEA, LLC	Date Received:	11/04/15
27201 Puerta Real, Suite 350	Work Order:	15-11-0311
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard North 131002-01.03		Page 1 of 4

94.00

94

80-120

4

0-20

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Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Ba	tch Number
099-09-010-7396	LCS	Aqueous	N/A	11/10/15	11/10/15 16:00	F1110TSSL2	
099-09-010-7396	LCSD	Aqueous	N/A	11/10/15	11/10/15 16:00	F1110TSSL2	
Parameter	Spike Added LCS	Conc. <u>LCS</u> <u>%Rec.</u>	LCSD Conc.	LCSD %Rec.	ec. CL RPD	RPD CL	<u>Qualifiers</u>

90

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ANCHOR QEA, LLC	Date Received:	11/04/15
27201 Puerta Real, Suite 350	Work Order:	15-11-0311
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard North 131002-01.03		Page 2 of 4

Project: San Diego Shipyard North 131002-01.03

Quality Control Sample ID	Туре	Matrix		Instrument Date Prepared		pared Dat	e Analyzed	LCS/LCSD Ba	tch Number
099-16-094-1034	LCS	Aqu	ieous	ICP/MS 03	11/05/15	11/	06/15 16:26	151105LA2B	
099-16-094-1034	LCSD	Aqueous		ICP/MS 03	ICP/MS 03 11/05/15		12/15 19:01	151105LA2B	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	<u>LCSD</u> %Rec.	<u>%Rec. CL</u>	RPD	RPD CL	<u>Qualifiers</u>
Arsenic	100.0	92.94	93	98.76	99	80-120	6	0-20	
Copper	100.0	94.52	95	101.4	101	80-120	7	0-20	
Lead	100.0	96.12	96	97.14	97	80-120	1	0-20	
Nickel	100.0	90.84	91	99.32	99	80-120	9	0-20	
Zinc	100.0	95.80	96	104.0	104	80-120	8	0-20	





ANCHOR QEA, LLC	Date Received:	11/04/15
27201 Puerta Real, Suite 350	Work Order:	15-11-0311
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard North 131002-01.03		Page 3 of 4

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-04-008-7654	LCS	Aqueous	Mercury 04	11/11/15	11/11/15 18:26	151111LA2
Parameter		Spike Added	Conc. Recover	red LCS %Re	<u>. %Rec</u>	. CL Qualifiers
Mercury		10.00	9.865	99	85-12	I



ANCHOR QEA, LLC	Date Received:	11/04/15
27201 Puerta Real, Suite 350	Work Order:	15-11-0311
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
Project: San Diego Shipyard North 131002-01.03		Page 4 of 4

Quality Control Sample ID	Туре	Mati	rix	Instrument	Date Pre	pared Date	Analyzed	LCS/LCSD Ba	atch Number
099-12-533-1104	LCS	Aqu	ieous	GC 31	11/05/15	11/06	6/15 12:01	151105L14	
099-12-533-1104	LCSD	Aqu	ieous	GC 31	11/05/15	11/06	6/15 12:20	151105L14	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	<u>LCSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Aroclor-1016	2.000	2.700	135	2.439	122	50-135	10	0-25	
Aroclor-1260	2.000	2.433	122	2.292	115	50-135	6	0-25	

Glossary of Terms and Qualifiers

Work Order: 15-11-0311

Page 1 of 1 Qualifiers Definition * See applicable analysis comment. Less than the indicated value. < > Greater than the indicated value. Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further 1 clarification. 2 Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. 3 Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. 4 The MS/MSD RPD was out of control due to suspected matrix interference. 5 The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. 6 Surrogate recovery below the acceptance limit. 7 Surrogate recovery above the acceptance limit. В Analyte was present in the associated method blank. ΒU Sample analyzed after holding time expired. ΒV Sample received after holding time expired. CI See case narrative. F Concentration exceeds the calibration range. ET Sample was extracted past end of recommended max. holding time. HD The chromatographic pattern was inconsistent with the profile of the reference fuel standard. HDH The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). HDL The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). J Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. JA Analyte positively identified but quantitation is an estimate. LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). ME ND Parameter not detected at the indicated reporting limit. Q Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater. SG The sample extract was subjected to Silica Gel treatment prior to analysis. Х % Recovery and/or RPD out-of-range. Ζ Analyte presence was not confirmed by second column or GC/MS analysis. Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis. Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lincoln Way, Garden Grove, CA 92 For courier service / sample drop off infor	841-1427 • (714) 895-5 mation, contact us26_sa	3494 ales@eurofinsus.com or	call us.					J		U	נ			PA	GE:					OF		<u>.</u>		
LABORATORY CLIENT: Anchor (QEA						CLIENT	r PROJI	ECT NA	ME / NU	IMBER:	21000	01.02					P.O. N	0.:					
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CITY: Mission Viejo		STATE:	ZIP:	926	91	Kyle King Niller					medy													
949.347.2780 E-MAIL: <u>kking@anchorgea.com</u>										F	REQL	JEST	ſED	AN/	ALYS	SES								
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06/02/14 Revision

Calscience SAMPLE RECEIPT CHECKLIST COOLER_loF_ LIENT: AACHOL DATE: 11 / 04 / 2015 TEMPERATURE: Criteria: 0.0°C - 6.0°C, not frozen except sediment/lissue) Thermometer ID: SC2 (CF:-0.4°C); Temperature (Wo CF): 3.2, °C (W CF): 2.8, °C. Ø Blank Sample(s) Sample(s) outside temperature criteria (PMAPM contacted by:	🔅 eurofins			WORK ORDER	NUMBER:	Page 15-11	= 21 of 2	1
LIENT: ANCHOC DATE: 11 / 04 / 2015 TEMPERATURE: (Criteria: 0.0°C - 6.0°C, not frozen except sodiment/lissue) Thermometer ID: SC2 (CF:0.4°C); Temperature (w/o CF): °C (w/ CF): °C; ZB liank Sample(s) outside temperature criteria (PM/APM contacted by:)	C	alscience	SAMPLE RECEIPT	CHECKLIST	C	OOLER	<u> </u>	F <u> </u>
TEMPERATURE: (Criteria: 0.0°C - 6.0°C, not frozen except sediment/lissue) Thermometer ID: SC2 (CF:0.4°C); Temperature (Wo CF): 2 _ °C (W CF): 8 _ °C; #Blank Sample(s) outside temperature criteria (PMAPM contacted by:) Sample(s) outside temperature criteria but received on ice/critera but received on ice/critera but received on ice/critera but received on ice/critera but received on ice for transport by courier Ambient Temperature:	LIENT: ANCHO	R			DAT	re: 11 /	041	2015
CUSTODY SEAL: Cooler Present and Intact Present but Not Intact Not Present N/A Checked by: 611 Sample(s) Present and Intact Present but Not Intact Not Present N/A Checked by: 612 SAMPLE CONDITION: Yes No N/A Checked by: 612 SAMPLE CONDITION: Yes No N/A Chain-of-Custody (COC) document(s) received with samples Image: 612 Image: 612 CAC document(s) received complete Image: 612 Image: 612 Image: 612 Sampling date Sampling time Matrix Number of containers Image: 612 Image: 612 Sample container label(s) consistent with COC Image: 612 Image: 612 Image: 612 Image: 612 Sample container(s) intact and in good condition Image: 612 Image: 612 Image: 612 Image: 612 Samples received within holding time Image: 612 Image: 612 <th>TEMPERATURE: (Criter Thermometer ID: SC2 (C Sample(s) outside Sample(s) outside Sample(s) received at Ambient Temperature: D</th> <th>ria: 0.0°C – 6.0 CF:-0.4°C); Ter temperature c temperature c ambient temp Air □ Filter</th> <th>D°C, not frozen except sedim mperature (w/o CF): <u>32</u> riteria (PM/APM contacted by riteria but received on ice/chi perature; placed on ice for tra</th> <th>ent/tissue) °C (w/ CF): y:) Iled on same day consport by courier</th> <th>℃; Ø of sampling</th> <th>Blank E</th> <th>] Sample d by: _</th> <th>÷ 27↓_</th>	TEMPERATURE: (Criter Thermometer ID: SC2 (C Sample(s) outside Sample(s) outside Sample(s) received at Ambient Temperature: D	ria: 0.0°C – 6.0 CF:-0.4°C); Ter temperature c temperature c ambient temp Air □ Filter	D°C, not frozen except sedim mperature (w/o CF): <u>32</u> riteria (PM/APM contacted by riteria but received on ice/chi perature; placed on ice for tra	ent/tissue) °C (w/ CF): y:) Iled on same day consport by courier	℃; Ø of sampling	Blank E] Sample d by: _	÷ 27↓_
SAMPLE CONDITION: Yes No N/A Chain-of-Custody (COC) document(s) received with samples □ □ COC document(s) received complete □ □ □ Sampling date □ Sampling date □ No relinquished □ □ Sampler container label(s) consistent with COC □ □ □ □ Sample container label(s) consistent with COC □ □ □ □ Sample container label(s) consistent with COC □ □ □ □ Sample container label(s) consistent with COC □ <td>CUSTODY SEAL:CoolerImage: PresentSample(s)Image: Present</td> <td>t and Intact t and Intact</td> <td> Present but Not Intact Present but Not Intact </td> <td>☑ Not Present ☑ Not Present</td> <td>□ N/A □ N/A</td> <td>Checke Checke</td> <td>d by: <u>(</u> d by: <u>(</u></td> <td>;7] ;1]</td>	CUSTODY SEAL:CoolerImage: PresentSample(s)Image: Present	t and Intact t and Intact	 Present but Not Intact Present but Not Intact 	☑ Not Present ☑ Not Present	□ N/A □ N/A	Checke Checke	d by: <u>(</u> d by: <u>(</u>	;7] ;1]
Chain-of-Custody (COC) document(s) received with samples	SAMPLE CONDITION:					Yes	No	N/A
COC document(s) received complete □	Chain-of-Custody (COC)) document(s)	received with samples			Ø		
□ Sampling date □ Sampling time ✓ Matrix □ Number of containers □ No analysis requested □ Not relinquished □ No relinquished time Sampler's name indicated on COC □ □ Sample container label(s) consistent with COC □ □ Sample container(s) intact and in good condition □ □ Proper containers for analyses requested □ □ Sufficient volume/mass for analyses requested □ □ Samples received within holding time □ □ □ pH □ Residual Chlorine □ Dissolved Sulfide □ Dissolved Oxygen □ □ Volatile Organics □ Total Metals □ Dissolved Oxygen □ □ □ Volatile Organics □ Total Metals □ Dissolved Oxygen (SM 4500) □ □ □ □ Container(s) for certain analysis free of headspace □ □ □ □ □ □ Volatile Organics □ Dissolved Gases (RSK-175) □ Dissolved Oxygen (SM 4500) □ □ □ □ □ Container(s) for certain analysis free of headspace □ □ □ □ □ □ □ □ □ □<	COC document(s) receiv	ved complete			· · · · · · · · · · · · · · · · · · ·		Ø	
□ No analysis requested □ Not relinquished □ No relinquished date □ No relinquished time Sampler's name indicated on COC Sample container label(s) consistent with COC Sample container(s) intact and in good condition Proper container(s) intact and in good condition Proper containers for analyses requested Samples received within holding time Aqueous samples for certain analyses received within 15-minute holding time □ PH □ Residual Chlorine □ Dissolved Sulfide □ Dissolved Oxygen Proper preservation chemical(s) noted on COC and/or sample container Unpreserved aqueous sample(s) received for certain analyses □ Volatile Organics □ Total Metals □ Dissolved Metals Container(s) for certain analysis free of headspace □ Volatile Organics □ Dissolved Gases (RSK-175) □ Dissolved Oxygen (SM 4500) □ Carbon Dioxide (SM 4500) □ Ferrous Iron (SM 3500) □ Hydrogen Sulfide (Hach) Tedar™ bag(s) free of condensation CONTAINER TYPE: (Trip Blank Lot Number:) Aqueous: □ VOA □ VOAh □ VOAna₂ □ 100PJ □ 100PJna₂ □ 125AGB □ 125AGB □ 125AGB □ 125AGB □ 125AGB □ 500PB □ 1AGBa □ A GBna₂ □ 1AGBa © 1PB □ 1PBna □ □ Gontainer: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag Preservative: b = buffred, f = filtered, h = HCl, n = HNO ₃ , na = NaOH, na₂ = Na ₂ S ₂ O ₃ , p = H ₃ PO ₄ , Labeled/Checked by: <u>by</u> T	□ Sampling date □	Sampling time	e 🔎 Matrix 🛛 Number of co	ontainers				
Sampler's name indicated on COC □ □ Sample container label(s) consistent with COC □ □ Sample container (s) intact and in good condition □ □ Proper containers for analyses requested □ □ Sufficient volume/mass for analyses requested □ □ Samples received within holding time □ □ □ □ □ □ Aqueous samples for certain analyses received within 15-minute holding time □ □ □ □ □ □ □ Aqueous sample(s) received for certain analyses □ □ □ □ □ □ □ □ □ Unpreserved aqueous sample(s) received for certain analyses □ □ □ □ □	No analysis reques	sted 🛛 Not re	linquished D No relinquishe	ed date 🛛 No relir	nquished time			4
Sample container label(s) consistent with COC	Sampler's name indicate	ed on COC				Ø		
Sample container(s) intact and in good condition	Sample container label(s	s) consistent w	ith COC	• • • • • • • • • • • • • • • • • • • •				
Proper containers for analyses requested	Sample container(s) inta	ct and in good	condition					
Sufficient volume/mass for analyses requested	Proper containers for an	alyses reques	ted					
Samples received within holding time □ □ Aqueous samples for certain analyses received within 15-minute holding time □ □ □ pH Residual Chlorine □ Dissolved Sulfide □ Dissolved Oxygen □ □ Proper preservation chemical(s) noted on COC and/or sample container □ □ □ □ Unpreserved aqueous sample(s) received for certain analyses □ □ □ □ □ Unpreserved aqueous sample(s) received for certain analyses □	Sufficient volume/mass f	for analyses re	quested			E		
Aqueous samples for certain analyses received within 15-minute holding time □ pH □ Residual Chlorine □ Dissolved Sulfide □ Dissolved Oxygen □ □ Proper preservation chemical(s) noted on COC and/or sample container □ □ □ □ Unpreserved aqueous sample(s) received for certain analyses □ □ □ □ □ Unpreserved aqueous sample(s) received for certain analyses □	Samples received within	holding time						
□ pH □ Residual Chlorine □ Dissolved Sulfide □ Dissolved Oxygen□ □ Proper preservation chemical(s) noted on COC and/or sample container□ □ Unpreserved aqueous sample(s) received for certain analyses □ Volatile Organics □ Total Metals □ Dissolved Metals Container(s) for certain analysis free of headspace□ □ Volatile Organics □ Dissolved Gases (RSK-175) □ Dissolved Oxygen (SM 4500) □ Carbon Dioxide (SM 4500) □ Ferrous Iron (SM 3500) □ Hydrogen Sulfide (Hach) Tedlar™ bag(s) free of condensation□ CONTAINER TYPE: (Trip Blank Lot Number:) Aqueous: □ VOA □ VOAh □ VOAna2 □ 100PJ □ 100PJna2 □ 125AGB □ 125AGB □ 125AGBp □ 125PB □ 125PBznna □ 250AGB □ 250CGB ⊠ 250CGBs □ 250PB □ 500AGB □ 500AGJ □ 500AGJs □ 500PB № 1AGB □ 1AGBna2 □ 1AGBs № 1PB □ 1PBna □ □ □ Solid: □ 4o2CGJ □ 8o2CGJ □ 16o2CGJ □ Sleeve () □ EnCores [®] () □ TerraCores [®] () □ Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag Preservative: b = buffered, f = filtered, h = HCl, n = HNO3, na = NaOH, na2 = Na2S2O3, p = H ₃ PO4, Labeled/Checked by: <u>fof3</u> s = H ₂ SO4, u = ultra-pure, znna = Zn(CH ₃ CO ₂)2 + NaOH	Aqueous samples for	certain analys	ses received within 15-minute	e holding time				
Proper preservation chemical(s) noted on COC and/or sample container	□ pH □ Residual C	hlorine 🛛 Dis	solved Sulfide 🛛 Dissolved	Oxygen				
Unpreserved aqueous sample(s) received for certain analyses □ Volatile Organics □ Total Metals □ Dissolved Metals Container(s) for certain analysis free of headspace	Proper preservation che	mical(s) noted	on COC and/or sample cont	ainer		Ð		
□ Volatile Organics □ Total Metals □ Dissolved Metals Container(s) for certain analysis free of headspace □ □ □ Volatile Organics □ Dissolved Gases (RSK-175) □ Dissolved Oxygen (SM 4500) □ Carbon Dioxide (SM 4500) □ Ferrous Iron (SM 3500) □ Hydrogen Sulfide (Hach) Tedlar™ bag(s) free of condensation □ □ CONTAINER TYPE: (Trip Blank Lot Number:) Aqueous: □ VOA □ VOAna2 □ 100PJ □ 100PJna2 □ 125AGB □ 125AGBp □ 125PB □ 125PBznna □ 250AGB □ 250CGB □ 250CGBs □ 250PB □ 250PB □ 250AGB □ 500AGJ □ 500AGJ □ 500AGJ □ 125PBznna □ 250CGB □ 250CGBs □ 250PB □ 250PB □ 250AGB □ 500AGJ □ 500AGJ □ 500AGJ □ 500PB □ 1AGBs □ 1PB □ 1PBna □	Unpreserved aqueou	s sample(s) re	ceived for certain analyses					
Container(s) for certain analysis free of headspace □	□ Volatile Organics	Total Metal	s Dissolved Metals					
<pre> □ Volatile Organics □ Dissolved Gases (RSK-175) □ Dissolved Oxygen (SM 4500) □ Carbon Dioxide (SM 4500) □ Ferrous Iron (SM 3500) □ Hydrogen Sulfide (Hach) Tedlar™ bag(s) free of condensation</pre>	Container(s) for certain a	analysis free o	f headspace					ø
<pre> □ Carbon Dioxide (SM 4500) □ Ferrous Iron (SM 3500) □ Hydrogen Sulfide (Hach) Tedlar[™] bag(s) free of condensation</pre>	Volatile Organics	Dissolved (Gases (RSK-175) 🛛 Dissolv	ved Oxygen (SM 45	500)			
Tedlar™ bag(s) free of condensation □	🗆 Carbon Dioxide (S	M 4500) □ F	errous Iron (SM 3500)	ydrogen Sulfide (Ha	ach)			
CONTAINER TYPE: (Trip Blank Lot Number:) Aqueous: $\lor OA$ $\lor OAh$ $\lor OAna_2$ $100PJ$ $100PJna_2$ $125AGB$ $125AGBh$ $125AGBp$ $125PB$ $\Box 125PBznna$ $\Box 250AGB$ $\Box 250CGB$ $\Box 250PB$ $\Box 500AGB$ $\Box 500AGJ$ $\Box 500AGJ$ $\Box 500PB$ $\Box 1AGB$ $\Box 1AGBs$ $\Box 1PB$ $\Box PBna$ Solid: $\Box 4ozCGJ$ $BozCGJ$ $\Box 16ozCGJ$ $Sleeve$ $\Box Corres^{\circ}$ Air: $\Box Tedlar^{TM}$ $Canister$ $Sorbent$ $\Box B = PUF$ $Other Matrix$ $\Box = 0$	Tedlar™ bag(s) free of c	ondensation	·					B
Aqueous: \Box VOA \Box VOA \Box 100PJ \Box 100PJ \Box 100PJ \Box 125AGB <	CONTAINER TYPE:			(Trip Blar	nk Lot Numbe	er:)
□ 125PBznna □ 250AGB □ 250CGB □ 250CGBs □ 250PB □ 250PBn □ 500AGB □ 500AGJ □ 500AGJs □ 500PB □ 1AGB □ 1AGBna ₂ □ 1AGBs □ 1PB □ 1PBna □ □ □ □ □ Solid: □ 4ozCGJ □ 8ozCGJ □ 16ozCGJ □ Sleeve () □ EnCores [®] () □ TerraCores [®] () □ Air: □ Tedlar [™] □ Canister □ Sorbent Tube □ PUF □ Other Matrix (): □ □ Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag Preservative: b = buffered, f = filtered, h = HCl, n = HNO ₃ , na = NaOH, na ₂ = Na ₂ S ₂ O ₃ , p = H ₃ PO ₄ , Labeled/Checked by: $\frac{102}{10}$ s = H ₂ SO ₄ , u = ultra-pure, znna = Zn(CH ₃ CO ₂) ₂ + NaOH Reviewed by: $\frac{102}{10}$)Ah □VOAna	a₂ □ 100PJ □ 100PJ na ₂ □] 125AGB □ 125A	GB h □ 125A	GBp □	125PB	/
□ 500PB □ 1AGB □ 1AGBna ₂ □ 1AGBs □ 1PB □ 1PBna □	□ 125PBznna □ 250AG	B 🗆 250CGE	3 250CGBs 250PB	250PBn 🗆 500AG	GB 🗆 500AG.	J 🗆 500A	\GJ s	
Solid: $\Box 4ozCGJ \Box 8ozCGJ \Box 16ozCGJ \Box Sleeve () \Box EnCores® () \Box TerraCores® () \Box Air: \Box Tedlar^{M} \Box Canister \Box Sorbent Tube \Box PUF \Box Other Matrix (): \Box \Box Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag Preservative: b = buffered, f = filtered, h = HCl, n = HNO3, na = NaOH, na2 = Na2S2O3, p = H3PO4, Labeled/Checked by: \int O(C_{A}) C = C_{A}s = H2SO4, u = ultra-pure, znna = Zn(CH3CO2)2 + NaOH Reviewed by: \int O(C_{A}) C = C_{A}$	□ 500PB 1 1AGB □ 1	AGBna₂ □ 1/		□ □ □	□			
Air: Tedlar TM Canister Sorbent Tube PUF Other Matrix (): D D Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag D D D Preservative: b = buffered, f = filtered, h = HCl, n = HNO ₃ , na = NaOH, na ₂ = Na ₂ S ₂ O ₃ , p = H ₃ PO ₄ , Labeled/Checked by: $\int O(J)$ s = H ₂ SO ₄ , u = ultra-pure, znna = Zn(CH ₃ CO ₂) ₂ + NaOH Reviewed by: $\int O(J)$	Solid: 🗆 4ozCGJ 🛛 8oz	zCGJ 🗖 16oz(CGJ 🗆 Sleeve () 🗆 E	nCores [®] () E] TerraCores [®]	()		
Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag Preservative: b = buffered, f = filtered, h = HCl, n = HNO ₃ , na = NaOH, na ₂ = Na ₂ S ₂ O ₃ , p = H ₃ PO ₄ , Labeled/Checked by: $\frac{1000}{10000000000000000000000000000000$	Air: □ Tedlar™ □ Canis	ster 🛛 Sorben	tTube	Other Matrix (): □]		
Preservative: b = buffered, f = filtered, h = HCl, n = HNO ₃ , na = NaOH, na ₂ = Na ₂ S ₂ O ₃ , p = H ₃ PO ₄ , Labeled/Checked by: $\frac{10}{10}$ s = H ₂ SO ₄ , u = ultra-pure, znna = Zn(CH ₃ CO ₂) ₂ + NaOH Reviewed by: $\frac{10}{10}$	Container: A = Amber, B =	Bottle, C = Clea	ar, E = Envelope, G = Glass. J =	Jar, P = Plastic, and	I Z = Ziploc/Res	ealable B	ag	
$s = H_2SO_4$, $u = ultra-pure$, $znna = Zn(CH_3CO_2)_2 + NaOH$ Reviewed by:	Preservative: b = buffered.	f = filtered, h =	HCl, n = HNO ₃ , na = NaOH, na	₂ = Na₂S₂O₃, p = H₃F	PO ₄ , Labele	d/Checke	ed by: _/	013
	s = H ₂ SO ₄ , u	= ultra-pure, zn	na = Zn(CH ₃ CO ₂) ₂ + NaOH			Reviewe	ed by:	659

2015-04-10 Revision

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Pa San Diego Anchor QEA 27201 Puer Mission V:	almer Bay Enviro Restoration Fund Nor A, Attn: Adam Gale rta Real, Suite 350 iejo, CA 92691	th Trust	********** * RETURN F * by * 15-JAN- *******	************ REPORT * * -2016 * *****
IU# Pmt#: 11-0	564 01-A Conn: 100		ISMF	#: 165137
Site Address.	2205 E Belt St. San Diego		Permitted IW Flc	w: 432000
Sample Point:	Check in will alert contact to trucker traffic. Sample tank (S Autosampler placed on the grour sample tank through top access	escort s 3B7017) v 1d closes hole/por	sampler where to drive will be located closes st to sample tank manh rt.	e & manage st to bay, sole, Access
Laboratory Nam	e: Eurofins Calscience	_	<pre>* COPY OF ANALY</pre>	SIS REQUIRED *
Sample#: 01651	37-01 Date: 12/10/2015		Time(s): 0730	
24 hour compose Sampler: Nick K	zite Zennedy Descripti	on: Clear	water	
Parameter		Units	Daily Max	Result
Chemical Oxy	gen Demand	mg/L		2,700
Solids, Tota	1 Suspended	mg/L		39
Copper, Tota	1	mg/L		0.0154
Lead, Total		ma/L		0.0326
Nickel, Tota	1	ma/L		0.0141
Zinc, Total		mg/L		0.0439
Arsenic, Tot	al	mg/L	5	< 0.01
Mercury, Tot	al	mg/L	. 2	<0.0002
Sample#: 01651	37-02 Date: 12/31/2015		Time(s): 0800	
Evaluation onl	y (no sample)			
Sampler: Nick Ke	ennedy Descripti	on: Clea	r water	
Beginning Me	ter Read and Date	gals	12/1/202	1,869,900
Ending Meter	Read and Date	gals	12/31/20	1,970,200
Average Flow	/calendar day thru Connection	gpd		3,235
Imported Flc	w During Period	gals		100,300
Maximum gals	/min thru meter	gpm	300	300
Minimum gals	/min thru meter when discharging	g gpm	50-	50

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

San Diego Bay Enviro Restoration Fund North Trust * RETURN REPORT Anchor QEA, Attn: Adam Gale by 27201 Puerta Real, Suite 350 15-JAN-2016 Mission Viejo, CA 92691 15-JAN-2016 IU# Pmt#: 11-0564 01-A Conn: 100 ISMF#: 16 Site Address: 2205 E Belt St, San Diego Permitted IW Flow: 432 Sample Point: Check in will alert contact to escort sampler where to drive & man trucker traffic. Sample tank (SB7017) will be located closest to b Autosampler placed on the ground closest to sample tank manhole. A sample tank through top access hole/port. Laboratory Name: Eurofins Calscience * COPY OF ANALYSIS RE Sample#: 0165137-03 Date: 12/10/2015 Time(s): 0730 Pesticide and PCB grab Clear water	*
Anchor QEA, Attn: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691 <u>IU# Pmt#: 11-0564 01-A</u> Conn: 100 Site Address: 2205 E Belt St, San Diego Sample Point: Check in will alert contact to escort sampler where to drive & man trucker traffic. Sample tank (SB7017) will be located closest to b Autosampler placed on the ground closest to sample tank manhole. A sample tank through top access hole/port. Laboratory Name: <u>Eurofins Calscience</u> * COPY OF ANALYSIS RE Sample#: 0165137-03 Date: <u>12/10/2015</u> Time(s): <u>0730</u> Pesticide and PCB grab Sampler Nick Kappady	
27201 Puerta Real, Suite 350 Mission Viejo, CA 92691 <u>1U# Pmt#: 11-0564 01-A</u> Conn: 100 Site Address: 2205 E Belt St, San Diego Sample Point: Check in will alert contact to escort sampler where to drive & man trucker traffic. Sample tank (SB7017) will be located closest to b Autosampler placed on the ground closest to sample tank manhole. A sample tank through top access hole/port. Laboratory Name: Eurofins Calscience * COPY OF ANALYSIS RE Sample#: 0165137-03 Date: <u>12/10/2015</u> Time(s): <u>0730</u> Pesticide and PCB grab Sampler Nick Konnedy	*
Mission Viejo, CA 92691 <u>IU# Pmt#: 11-0564 01-A Conn: 100 ISMF#: 166</u> Site Address: 2205 E Belt St, San Diego Permitted IW Flow: 432 Sample Point: Check in will alert contact to escort sampler where to drive & man trucker traffic. Sample tank (SB7017) will be located closest to b Autosampler placed on the ground closest to sample tank manhole. A sample tank through top access hole/port. Laboratory Name: Eurofins Calscience * COPY OF ANALYSIS RE Sample#: 0165137-03 Date: <u>12/10/2015</u> Time(s): <u>0730</u> Pesticide and PCB grab Sampler Nick Kennedy Decemintion Clear water	*
IU# Pmt#: 11-0564 01-A Conn: 100 ISMF#: 16 Site Address: 2205 E Belt St, San Diego Permitted IW Flow: 432 Sample Point: Check in will alert contact to escort sampler where to drive & man trucker traffic. Sample tank (SB7017) will be located closest to b Autosampler placed on the ground closest to sample tank manhole. A sample tank through top access hole/port. Laboratory Name: Eurofins Calscience * COPY OF ANALYSIS RE Sample#: 0165137-03 Date: 12/10/2015 Time(s): 0730 Pesticide and PCB grab Description Clear water	***
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Sample Point: Check in will alert contact to escort sampler where to drive & man trucker traffic. Sample tank (SB7017) will be located closest to b Autosampler placed on the ground closest to sample tank manhole. A sample tank through top access hole/port. Laboratory Name: Eurofins Calscience * COPY OF ANALYSIS RE Sample#: 0165137-03 Date: 12/10/2015 Time(s): 0730 Pesticide and PCB grab Sampler Nick Kannedy Description Clear water	000
trucker traffic. Sample tank (SB7017) will be located closest to be Autosampler placed on the ground closest to sample tank manhole. A sample tank through top access hole/port. Laboratory Name: Eurofins Calscience * COPY OF ANALYSIS RE Sample#: 0165137-03 Date: 12/10/2015 Pesticide and PCB grab Time(s): 0730	age
Autosampler placed on the ground closest to sample tank manhole. A sample tank through top access hole/port. Laboratory Name: Eurofins Calscience * COPY OF ANALYSIS RE Sample#: 0165137-03 Date: 12/10/2015 Time(s): 0730 Pesticide and PCB grab Campler: Nick Kennedy Description Clear water	ay.
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Laboratory Name: Eurofins Calscience * COPY OF ANALYSIS RE Sample#: 0165137-03 Date: 12/10/2015 Time(s): 0730 Pesticide and PCB grab Campler: Nick Kennedy Description Clear water	
Sample#: 0165137-03 Date: 12/10/2015 Time(s): 0730 Pesticide and PCB grab Campler: Nick Kennedy Description Clear water	QUIRED *
Pesticide and PCB grab	
Complexe. Nick Keppedy	
Sampier: Mick Keinledy Description:	
PCB's, Total ug/L 3	
SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under STANDARD CONDITIONS, Signatory Requirements.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

Vec 2015

facility number

report due date

monitoring period

Print Name

ect (contentor 11/16

Signature (Attach to Industry Self-Monitoring Form)

WORK ORDER NUMBER: 15-12-0859

Calscience



🔅 eurofins



AIR SOIL WATER MARINE CHEMISTRY

Analytical Report For Client: ANCHOR QEA, LLC Client Project Name: San Diego Shipyard North 131002-01.03 Attention: Kyle King 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691-8306

Approved for release on 12/21/2015 by: Carla Hollowell Project Manager



Email your PM >



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1432 * TEL: (714) 895-5494 * FAX: (714) 894-7501 * www.calscience.com

🔅 eurofins

Client Project Name:

Calscience

San Diego Shipyard North 131002-01.03

Contents

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Client:	ANCHOR QEA, LLC		Work Order:	15-12-0859
	27201 Puerta Real, S	Suite 350	Project Name:	San Diego Shipyard North 131002-01.03
	Mission Viejo, CA 926	691-8306	PO Number:	
			Date/Time Received:	12/10/15 18:50
			Number of Containers:	4
Attn:	Kyle King			
Sample Identification		Lab Number	Collection Date and Time	Number of Matrix Containers
D-ID-151210		15-12-0859-1	12/10/15 07:30	4 Aqueous

1.00

0.83



Solids, Total Suspended

ANCHOR QEA, LLC			Date Receiv	/ed:			12/10/15		
27201 Puerta Real, Suite 350			Work Order	:			15-12-0859		
Mission Viejo, CA 92691-8306			Preparation	:		N/			
			Method:			SM 2540 E			
			Units:	mg/L					
Project: San Diego Shipyard North 131002-01.03 Page 1 of 1									
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID		
D-ID-151210	15-12-0859-1-D	12/10/15 07:30	Aqueous	N/A	12/14/15	12/14/15 20:00	F1214TSSL2		
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.		
Parameter	Result	<u>t</u>	<u>RL</u>	MDL	<u>DF</u>	<u>Q</u>	ualifiers		
Solids, Total Suspended	39		1.0	0.83	1.00				
Method Blank	099-09-010-7450	N/A	Aqueous	N/A	12/14/15	12/14/15 20:00	F1214TSSL2		
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.		
Parameter	Result	<u>t</u>	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers		

1.0

ND

1.00



Chemical Oxygen Demand

ANCHOR QEA, LLC			Date Receiv	/ed:			12/10/15		
27201 Puerta Real, Suite 350			Work Order	:		15-12-0859			
Mission Viejo, CA 92691-8306		Preparation	:		N/A				
			Method:			SM 5220 C			
			Units:		mg/L				
Project: San Diego Shipyard North 131002-01.03 Page 1 of 1									
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID		
D-ID-151210	D-ID-151210 15-12-0859-1-A 12 07		Aqueous	BUR06	12/15/15	12/15/15 18:00	F1215ODB1		
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are	qualified with a	"J" flag.		
Parameter	Result	<u>i</u>	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers		
Chemical Oxygen Demand	2700		25	24	5.00				
Method Blank	099-05-114-169	N/A	Aqueous	BUR06	12/15/15	12/15/15 18:00	F12150DB1		
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are	qualified with a	"J" flag.		
Parameter	Result		<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers		

5.0

4.8

ND



ANCHOR QE	EA, LLC			Date Receiv	ved:		12/10/15				
27201 Puerta	a Real, Suite 350			Work Order	:		15-12-0859				
Mission Viejo	, CA 92691-8306			Preparation	:		N/A				
				Method:				EPA 200.8			
				Units:				ug/L			
Project: San	Diego Shipyard North 1	131002-01.03					Pa	age 1 of 1			
Client Sample N	umber	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID			
D-ID-151210		15-12-0859-1-B	12/10/15 07:30	Aqueous	ICP/MS 03	12/11/15	12/14/15 23:31	151211LA4			
Comment(s):	ent(s): - The reporting limit is elevated resulting from matrix interference.										
	- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.										
Parameter	er Result		<u>RL</u>	MDL	DF		<u>Qualifiers</u>				
Arsenic		ND		10.0	3.86	10.0					
Copper		15.4		10.0	1.40	10.0					
Lead		32.6		10.0	0.898	10.0					
Nickel		14.1		10.0	1.32	10.0					
Zinc		43.9		50.0	4.79	10.0		J			
Method Blank		099-16-094-1077	N/A	Aqueous	ICP/MS 03	12/11/15	12/14/15 13:24	151211LA4			
Comment(s):	- Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	_) but < RL (LO	Q), if found, are	qualified with	a "J" flag.			
Parameter erementer		Resul	<u>t</u>	<u>RL</u>	MDL	DF		<u>Qualifiers</u>			
Arsenic		ND		1.00	0.386	1.00					
Copper		ND		1.00	0.140	1.00					
Lead		ND		1.00	0.0898	1.00					
Nickel		ND		1.00	0.132	1.00					
Zinc		ND		5.00	0.479	1.00					

ANCHOR QEA, LLC			Date Receiv	/ed:		12/10/15				
27201 Puerta Real, Suite 350			Work Order	:		15-12-0859				
Mission Viejo, CA 92691-8306			Preparation	:		EPA 245.1 Tota				
			Method:			EPA 245.1				
			Units:				ug/L			
Project: San Diego Shipyard North 131002-01.03 Page 1 of 1										
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID			
D-ID-151210 15-12-0859-1-B 12/10/15 07:30		Aqueous	Mercury 04	12/16/15	12/16/15 20:02	151216LA2				
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LOC	ג), if found, are מ	qualified with a	a "J" flag.			
Parameter	<u>Resul</u>	<u>t</u>	<u>RL</u>	MDL	<u>DF</u>	<u>(</u>	<u>Qualifiers</u>			
Mercury	ND		0.200	0.0453	1.00					
Method Blank	099-04-008-7689	N/A	Aqueous	Mercury 04	12/16/15	12/16/15 19:47	151216LA2			
Comment(s): - Results were evaluated to	the MDL (DL), conc	entrations >=	to the MDL (DL	.) but < RL (LOC	2), if found, are o	qualified with a	a "J" flag.			
Parameter Result			<u>RL</u>	MDL	<u>DF</u>	<u>(</u>	<u>Qualifiers</u>			
Mercury	ND		0.200	0.0453	1.00					



ANCHOR QEA, LLC	Date Received:	12/10/15		
27201 Puerta Real, Suite 350	Work Order:	15-12-0859		
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C		
	Method:	EPA 8082		
	Units:	ug/L		
Project: San Diego Shipyard North 131002-01.03		Page 1 of 1		

Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
15-12-0859-1-C	12/10/15 07:30	Aqueous	GC 66	12/11/15	12/15/15 19:05	151211L07
the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LOC), if found, are c	ualified with a "	J" flag.
Result	t	<u>RL</u>	MDL	DF	<u>Qu</u>	alifiers
ND		0.98	0.29	1.00		
ND		0.98	0.28	1.00		
ND		0.98	0.24	1.00		
ND		0.98	0.18	1.00		
ND		0.98	0.20	1.00		
ND		0.98	0.22	1.00		
ND		0.98	0.26	1.00		
ND		0.98	0.26	1.00		
ND		0.98	0.20	1.00		
<u>Rec. (</u>	<u>%)</u>	Control Limits	Qualifiers			
66		50-135				
84		50-135				
	Lab Sample Number 15-12-0859-1-C the MDL (DL), conce ND ND ND ND ND ND ND ND ND ND ND ND ND	Lab Sample Date/Time Collected 15-12-0859-1-C 12/10/15 07:30 the MDL (DL), concentrations >= Result ND ND AD ND ND AD AD AD ND ND AD AD	Lab Sample NumberDate/Time CollectedMatrix15-12-0859-1-C $2/10/15$ $07:30$ Aqueousthe MDL (DL), concentrations >= to the MDL (DL)ResultRL NDND0.98ND <t< td=""><td>Lab Sample NumberDate/Time CollectedMatrixInstrument15-12-0859-1-C$12/10/15$ 07:30AqueousGC 66ResultAqueousGC 60ResultRLND0.980.29ND0.980.28ND0.980.24ND0.980.24ND0.980.24ND0.980.20ND0.980.20ND0.980.22ND0.980.26ND0.980.26ND0.980.26ND0.980.20ND0.980.26ND0.980.20ND0.980.26ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.913514</td><td>Lab Sample NumberDate/Time CollectedMatrixInstrumentDate Prepared15-12-0859-1-C$12/10/15$ $07:30$AqueousGC 66$12/11/15$RumberResultMDLDFND0.980.29$1.00$ND0.980.28$1.00$ND0.980.24$1.00$ND0.980.20$1.00$ND0.980.22$1.00$ND0.980.22$1.00$ND0.980.26$1.00$ND0.980.26$1.00$ND0.980.26$1.00$ND0.980.20$1.00$ND0.980.20$1.00$ND0.980.20$1.00$ND0.980.20$1.00$ND0.980.20$1.00$ND0.980.20$1.00$ND0.980.20$1.00$ND0.980.20$1.00$ND0.980.20$1.00$ND0.980.20$1.00$ND0.980.20$1.00$ND0.980.20$1.00$ND0.98$0.20$$1.00$ND0.98$0.20$$1.00$ND0.98$0.20$$1.00$ND0.98$0.20$$1.00$ND0.98$0.20$$1.00$ND0.9135$1.00$</td><td>Lab Sample NumberDate/Time CollectedMatrixInstrument PreparedDate/Time PreparedDate/Time Analyzed15-12-0859-1-C12/10/15 07:30AqueousGC 612/11/1512/15/15 19:05the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "x</td>ResultRLMDLDFQualified with a "xND0.980.291.00VVND0.980.281.00VND0.980.241.00VND0.980.201.00VND0.980.221.00VND0.980.261.00VND0.980.261.00VND0.980.261.00VND0.980.201.00VND0.980.201.00VND0.980.201.00VND0.980.201.00VND0.980.201.00VND0.980.201.00VND0.980.201.00VND0.980.201.00VND0.980.201.00VND0.980.201.00VND0.980.201.00VND0.980.201.00VND0.9135VVVND0.135VVV<</t<>	Lab Sample NumberDate/Time CollectedMatrixInstrument15-12-0859-1-C $12/10/15$ 07:30AqueousGC 66ResultAqueousGC 60ResultRLND0.980.29ND0.980.28ND0.980.24ND0.980.24ND0.980.24ND0.980.20ND0.980.20ND0.980.22ND0.980.26ND0.980.26ND0.980.26ND0.980.20ND0.980.26ND0.980.20ND0.980.26ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.980.20ND0.913514	Lab Sample NumberDate/Time CollectedMatrixInstrumentDate Prepared15-12-0859-1-C $12/10/15$ $07:30$ AqueousGC 66 $12/11/15$ RumberResultMDLDFND0.980.29 1.00 ND0.980.28 1.00 ND0.980.24 1.00 ND0.980.20 1.00 ND0.980.22 1.00 ND0.980.22 1.00 ND0.980.26 1.00 ND0.980.26 1.00 ND0.980.26 1.00 ND0.980.20 1.00 ND0.98 0.20 1.00 ND0.9135 1.00	Lab Sample NumberDate/Time CollectedMatrixInstrument PreparedDate/Time PreparedDate/Time Analyzed15-12-0859-1-C12/10/15 07:30AqueousGC 612/11/1512/15/15 19:05the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "x

Method Blank	099-12-533-1112	N/A	Aqueous	GC 66	12/11/15	12/15/15 17:29	151211L07
Comment(s):	- Results were evaluated to the MDL (DL), co	ncentrations >	= to the MDL (DL	_) but < RL (LOO	Q), if found, are o	qualified with	a "J" flag.
Parameter	Res	sult	<u>RL</u>	MDL	DF		<u>Qualifiers</u>
Aroclor-1016	ND		1.0	0.29	1.00		
Aroclor-1221	ND		1.0	0.28	1.00		
Aroclor-1232	ND		1.0	0.25	1.00		
Aroclor-1242	ND		1.0	0.18	1.00		
Aroclor-1248	ND		1.0	0.20	1.00		
Aroclor-1254	ND		1.0	0.23	1.00		
Aroclor-1260	ND		1.0	0.26	1.00		
Aroclor-1262	ND		1.0	0.26	1.00		
Aroclor-1268	ND		1.0	0.21	1.00		
Surrogate	Rec	: <u>(%)</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphe	enyl 104		50-135				
2,4,5,6-Tetrachlo	pro-m-Xylene 98		50-135				



ANCHOR QEA, LLC	Date Received:	12/10/15
27201 Puerta Real, Suite 350	Work Order:	15-12-0859
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard North 131002-01.03		Page 1 of 2

Quality Control Sample ID	Туре		Matrix	In	strument	Date Prepared	Date Ana	lyzed	MS/MSD Ba	tch Number
D-ID-151210	Sample		Aqueous	s IC	P/MS 03	12/11/15	12/14/15	23:31	151211SA4	
D-ID-151210	Matrix Spike		Aqueous ICP/MS 03		12/11/15	12/15/15	15:26	151211SA4		
D-ID-151210	Matrix Spike I	Duplicate	Aqueous		ueous ICP/MS 03		/15 12/15/15 15:29		151211SA4	
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> <u>%Rec.</u>	<u>MSD</u> Conc.	<u>MSD</u> <u>%Rec.</u>	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Arsenic	ND	100.0	108.0	108	122.9	123	80-120	13	0-20	3
Copper	15.41	100.0	115.5	100	119.8	104	80-120	4	0-20	
Lead	32.63	100.0	145.4	113	145.6	113	80-120	0	0-20	
Nickel	14.06	100.0	108.7	95	109.8	96	80-120	1	0-20	
Zinc	ND	100.0	117.9	118	123.0	123	80-120	4	0-20	3



Mercury

ND

10.00

8.829

ANCHOR QEA, LLC			Date Received:				12/10/15			
27201 Puerta Real, Suite 350			Wo	ork Order:		15-12-0859				
Mission Viejo, CA 92691-830		Preparation:			EPA 245.1 Tota			45.1 Total		
		Method:			EPA 245.					
Project: San Diego Shipyard	2-01.03							Page 2	of 2	
Quality Control Sample ID	Туре		Matrix		Instrument	Date Prepared	Date Ana	lyzed	MS/MSD Bat	ch Number
15-12-0777-1	Sample		Aqueous		Mercury 04	12/16/15	12/16/15	19:51	151216SA2	
15-12-0777-1	Matrix Spike		Aqueous		Mercury 04	12/16/15	12/17/15	18:05	151216SA2	
15-12-0777-1	Matrix Spike I	Duplicate	Aqueous		Mercury 04	12/16/15	12/17/15	18:07	151216SA2	
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> <u>%Re</u>	ec. <u>MSD</u> <u>Conc.</u>	<u>MSD</u> <u>%Rec.</u>	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>

88

9.178

92

57-141

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0-10

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Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	12/10/15
27201 Puerta Real, Suite 350	Work Order:	15-12-0859
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard North 131002-01.03		Page 1 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
15-12-0922-1	Sample	Aqueous	N/A	12/14/15 00:00	12/14/15 20:00	F1214TSSD2
15-12-0922-1	Sample Duplicate	Aqueous	N/A	12/14/15 00:00	12/14/15 20:00	F1214TSSD2
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Solids, Total Suspended		59.20	57.80	2	0-20	



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	12/10/15
27201 Puerta Real, Suite 350	Work Order:	15-12-0859
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 5220 C
Project: San Diego Shipyard North 131002-01.03		Page 2 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
D-ID-151210	Sample	Aqueous	BUR06	12/15/15 00:00	12/15/15 18:00	F1215ODD1
D-ID-151210	Sample Duplicate	Aqueous	BUR06	12/15/15 00:00	12/15/15 18:00	F1215ODD1
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	Qualifiers
Chemical Oxygen Demand		2745	2650	4	0-25	



ANCHOR QEA, LLC	Date Received:	12/10/15
27201 Puerta Real, Suite 350	Work Order:	15-12-0859
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard North 131002-01.03		Page 1 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Prep	bared	Date	Analyzed	LCS/LCSD Ba	tch Number
099-09-010-7450	LCS	Aqu	ieous	N/A	12/14/15		12/14	/15 20:00	F1214TSSL2	
099-09-010-7450	LCSD	Aqu	ieous	N/A	12/14/15		12/14	/15 20:00	F1214TSSL2	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec.</u>	CL	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Solids, Total Suspended	100.0	91.00	91	91.00	91	80-120)	0	0-20	

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ANCHOR QEA, LLC	Date Received:	12/10/15
27201 Puerta Real, Suite 350	Work Order:	15-12-0859
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard North 131002-01.03		Page 2 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Pre	pared Da	ate Analyzed	LCS/LCSD Ba	atch Number
099-16-094-1077	LCS	Aqu	ieous	ICP/MS 03	12/11/15	12	/14/15 13:31	151211LA4	
099-16-094-1077	LCSD	Aqu	ieous	ICP/MS 03	12/11/15	12	/14/15 13:34	151211LA4	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec. C</u>	L <u>RPD</u>	RPD CL	<u>Qualifiers</u>
Arsenic	100.0	101.0	101	97.59	98	80-120	3	0-20	
Copper	100.0	99.99	100	101.1	101	80-120	1	0-20	
Lead	100.0	96.96	97	97.21	97	80-120	0	0-20	
Nickel	100.0	97.61	98	98.49	98	80-120	1	0-20	
Zinc	100.0	101.1	101	99.31	99	80-120	2	0-20	



ANCHOR QEA, LLC	Date Received:	12/10/15
27201 Puerta Real, Suite 350	Work Order:	15-12-0859
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard North 131002-01.03		Page 3 of 4

Quality Control - LCS

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-04-008-7689	LCS	Aqueous	Mercury 04	12/16/15	12/17/15 17:58	151216LA2
Parameter		Spike Added	Conc. Recover	red LCS %Re	<u>c. %Rec</u>	. CL Qualifiers
Mercury		10.00	9.625	96	85-12	1



ANCHOR QEA, LLC	Date Received:	12/10/15
27201 Puerta Real, Suite 350	Work Order:	15-12-0859
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
Project: San Diego Shipyard North 131002-01.03		Page 4 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Pre	pared Date	Analyzed	LCS/LCSD Ba	atch Number
099-12-533-1112	LCS	Aqu	eous	GC 66	12/11/15	12/1	5/15 16:54	151211L07	
099-12-533-1112	LCSD	Aqu	eous	GC 66	12/11/15	12/1	5/15 17:12	151211L07	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	<u>Qualifiers</u>
Aroclor-1016	2.000	2.011	101	2.392	120	50-135	17	0-25	
Aroclor-1260	2.000	1.878	94	2.002	100	50-135	6	0-25	

Calscience

Work Order: 15-12-0859

Glossary of Terms and Qualifiers

Nork Order:	15-12-0859	Page 1 of 1
<u>Qualifiers</u>	Definition	
*	See applicable analysis comment.	
<	Less than the indicated value.	
>	Greater than the indicated value.	
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample da clarification.	ta was reported without further
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank su in control and, therefore, the sample data was reported without further clarification.	rrogate spike compound was
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to susp associated LCS recovery was in control.	ected matrix interference. The
4	The MS/MSD RPD was out of control due to suspected matrix interference.	
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected mat	rix interference.
6	Surrogate recovery below the acceptance limit.	
7	Surrogate recovery above the acceptance limit.	
В	Analyte was present in the associated method blank.	
BU	Sample analyzed after holding time expired.	
BV	Sample received after holding time expired.	
CI	See case narrative.	
Е	Concentration exceeds the calibration range.	
ET	Sample was extracted past end of recommended max. holding time.	
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.	
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard were also present (or detected).	but heavier hydrocarbons
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard also present (or detected).	but lighter hydrocarbons were
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection I estimated.	imit. Reported value is
JA	Analyte positively identified but quantitation is an estimate.	
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).	
ND	Parameter not detected at the indicated reporting limit.	
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample e concentration by a factor of four or greater.	exceeding the spike
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.	
Х	% Recovery and/or RPD out-of-range.	
Z	Analyte presence was not confirmed by second column or GC/MS analysis.	
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % m reported on a wet weight basis.	oisture. All QC results are
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a hold (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as bein stated holding time unless received at the laboratory within 15 minutes of the collection time.	ing time of <= 15 minutes ng received outside of the

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

eurofins	Calscience				0#	/LABUS	EONLŸ				D.	C	HA :	IN 0 2//(F CL	JSTC) ר` `	RE	COR	D
7440 Lincoln Way, Garden Grove, CA 928 For courier service / sample drop off inform	341-1427 • (714) 895-5494 mation. contact us26_sales@eurofinsus.co	om or call us.				15-	12	-08	35	9	P/	AGE:			L	OF				
LABORATORY CLIENT:	REA				CLIEN	NT PROJE	ECT NAM	IE / NUMI	3ER:					P.	.O. NO.:					٦
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CITY: Mission Viejo	STATI	E CA	P: 92691		Kyl	e King								1	Vic	KK	ĺľ	ne	dy	
TEL: 949.347.2780	E-MAIL: <u>kking@anchorgea.co</u>	om								REG	QUES	TED	ANA		ES					
TURNAROUND TIME (Rush surcharges may ap	oply to any TAT not "STANDARD"):	\sim			la la		<u>ନ୍</u>	Pleas	e chec	k box or	fill in bl	ank as n	eedeo	J.					,	
□ SAME DAY □ 24 HR □ □ COELT EDF GLOBAL ID:] 48 HR □ 72 HR □ 5 DAY	S STAN		DE:	Pe Wi	Jan .	Arcolo		N N								-			
special instructions: Neputney to the to only tirit water or	North Thist sample point bottles		served	vea / iltered	H ZUU: & H2,UU	sh? wer	8082 MUS	Snup Col	2240 13											
LAB USE SAMPLE ID ONLY	SAMPLING DATE TIME DATE TIME	NO. RIX OF CONT.	n Unpre	Field F	EP	Eph	₽ <u></u>	SM S	2											
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Calso	cience S/	AMPLE RECEIPT	CHECKLIST	C	OOLEF	<u>x</u> o	F_1_
CLIENT ANCHOI	2 OF	A		DAI	TE: 12	1101	2015
TEMPERATURE: (Criteria: (Thermometer ID: SC2 (CF:-(Sample(s) outside tem Sample(s) outside tem Sample(s) received at am Ambient Temperature:	0.0°C – 6.0°C 0.4°C); Temp perature crite perature crite bient temper	C, not frozen except sedim berature (w/o CF): <u>3</u> eria (PM/APM contacted b eria but received on ice/ch ature; placed on ice for tra	ent/tissue) 2 °C (w/ CF): y:) illed on same day o insport by courier	<u>}.8_</u> °C; ₫ f sampling	Blank Check	□ Sampl ed by: ⊈	ء کال
CUSTODY SEAL:CoolerI Present andSample(s)I Present and	d Intact □ d Intact □] Present but Not Intact] Present but Not Intact	☑ Not Present ☑ Not Present	□ N/A □ N/A	Check Check	ed by: <u>(</u> ed by: <u>9</u>	<u>ארו אין אין אין אין אין אין אין אין אין אין</u>
SAMPLE CONDITION: Chain-of-Custody (COC) doo COC document(s) received Sampling date Sampling date	cument(s) rec complete npling time	ceived with samples □ Matrix □ Number of c	ontainers		Yes	No □ □	N/A □ □
□ No analysis requested Sampler's name indicated of Sample container label(s) co Sample container(s) intact a Proper containers for analys Sufficient volume/mass for a	□ Not relin n COC onsistent with nd in good co es requested nalvses requ	quished D No relinquish	ed date 🛛 No relin	nquished time	ष्ट्रेके के		
Samples received within hole Aqueous samples for cer D pH D Residual Chlori Proper preservation chemica	ding time tain analyses ne □ Disso al(s) noted or mole(s) rece	received within 15-minute Net Sulfide □ Dissolved COC and/or sample coni	e holding time I Oxygen ainer				
□ Volatile Organics □ 1 Container(s) for certain anal □ Volatile Organics □ 1 □ Carbon Dioxide (SM 4	otal Metals ysis free of h Dissolved Ga 500) □ Ferr	□ Dissolved Metals eadspace ses (RSK-175) □ Dissol [•] rous Iron (SM 3500) □ H	ved Oxygen (SM 45 ydrogen Sulfide (Ha	600) ach)			Ø
Tedlar [™] bag(s) free of cond CONTAINER TYPE: Aqueous: □ VOA □ VOAh □ 125PBznna □ 250AGB □ 500PB 1AGB □ 1AGB Solid: □ 4ozCGJ □ 8ozCG	ensation \Box VOAna ₂ \Box 250CGB J \Box 1AG J \Box 16ozCG	□ 100PJ □ 100PJna₂ □ ☑ 250CGBs □ 250PB ☑ Bs ☑ 1PB □ 1PBna □ GJ □ Sleeve () □ E	(Trip Blan 125AGB □ 125AG 250PBnų □ 500AG □ nCores [®] () □	a k Lot Numbe GBh □ 125A GB □ 500AG. □ I TerraCores [®]	GBp GBp 1 500 ()	□ 125PB 0AGJ s 0	⊭)
Air: □ Tedlar™ □ Canister Container: A = Amber, B = Bott Preservative: b = buffered, f = f s = H ₂ SO ₄ , u = ul	□ Sorbent T le, C = Clear, iltered, h = HC tra-pure, znna	ube □ PUF □ E = Envelope, G = Glass, J = Cl, n = HNO ₃ , na = NaOH, na n = Zn(CH ₃ CO ₂) ₂ + NaOH	_ Other Matrix (= Jar, P = Plastic, and ₂ = Na ₂ S ₂ O ₃ , p = H ₃ P): ⊏ Z = Ziploc/Res O₄, Labele	I sealable I d/Check Review	☐ Bag ked by: ved by: _ 6	<u>965</u> 81.

- - **-** -

Andrea Allanda da

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restoration Fund Anchor QEA, Attn: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691	North Trust	**** *] * * *	********** RETURN REP(by 15-FEB-20: *****	******* DRT * L6 * ******
IU# Pmt#: 11-0564 01-A Conn: 100			ISMF#:	165742
Site Address: 2205 E Belt St, San Diego		Permitted	d IW Flow:	432000
Sample Point: Check in will alert contact trucker traffic. Sample tan Autosampler placed on the g sample tank through top acc	to escort sa k (SB7017) w: round closes ess hole/port	ampler where t ill be located t to sample ta t.	to drive & d closest t ank manhole	manage to bay. 2. Access
Laboratory Name: Eurofins Calscience		* COPY (OF ANALYSIS	S REQUIRED *
Sample#: 0165742-01 Date: <u>1/6/16</u>		Time(s): 0710	0	
Sampler: <u>Nick Kennedy</u> Descri	ption: Clear	Water		
Parameter	Units	Daily Max		Result
Chemical Oxygen Demand	mg/L			260
Solids, Total Suspended	mg/L			261
Copper, Total	mg/L			0.109
Lead, Total	mg/L			0.0645
Nickel, Total	mg/L			0.0188
Zinc, Total	mg/L			0.152
Arsenic, Total	mg/L	5		0.0684
Mercury, Total	mg/L	.2		0.000252
Sample#: 0165742-02 Date: 1/1/2016		Time(s): 070	0	
Evaluation only (no sample)		22 89 3 00000 1100		
Sampler: Nick Kennedy Descri	ption: Clear	Water	Section	
Reginning Meter Read and Date	aals		1/1/2016	1,970,200
Ending Meter Read and Date	gals		1/31/2016	2,039,500
Average Flow/calendar day thru Connectio	n apd			2,235
Imported Flow During Period	gals			69,300
Maximum gals/min thru meter	gpm	300		300
Minimum gals/min thru meter when dischar	ging gpm	50-		50

INDUSTRY SELF MONITORING FORM

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Palmer San Diego Bay Enviro Restoration Fund North Trust Anchor QEA, Attn: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691	**************************************
IU# Pmt#: 11-0564 01-A Conn: 100	ISMF#: 165742
Site Address: 2205 E Belt St, San Diego	Permitted IW Flow: 432000
Sample Point: Check in will alert contact to escort sampl trucker traffic. Sample tank (SB7017) will Autosampler placed on the ground closest to sample tank through top access hole/port.	ler where to drive & manage be located closest to bay. o sample tank manhole. Access
Laboratory Name: Eurofins Calscience	* COPY OF ANALYSIS REQUIRED *
Sample#: 0165742-03 Date: 1/6/16 Tir	ne(s):
Pesticide and PCB grab	
Sampler: <u>Nick Kennedy</u> Description: Clear Wat	ier
PCB's, Total ug/L 3	<1.0

SELF MONITORING REPORT CERTIFICATION

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u> <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

2/15/16

2016

facility number

report due date

monitoring period

-4-16

Date

Signature (Attach to Industry Self-Monitoring Form)

J:\SHARED\Compliance\SM Certification forms\SMR Cert.docx

WORK ORDER NUMBER: 16-01-0315

Calscience



🔅 eurofins



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For Client: ANCHOR QEA, LLC Client Project Name: San Diego Shipyard North 131002-01.03 Attention: Kyle King 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691-8306

Hoteleen M. Burney FOR

Approved for release on 01/14/2016 by: Carla Hollowell Project Manager

ResultLink ▶

Email your PM >



Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

7440 Lincoln Way, Garden Grove, CA 92841-1432 * TEL: (714) 895-5494 * FAX: (714) 894-7501 * www.calscience.com

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Calscience

Contents

Client Pre Work Ord	oject Name: der Number:	San Diego Shipyard North 131002-01.03 16-01-0315	
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🖑 eurofins

CERTIFICATION

All analyses were conducted at a laboratory certified for such analyses by the California Department of Public Health in accordance with applicable USEPA and NELAP accreditation procedures.

I certify under penalty of law that the data generated for Calscience Work Order Number 16-01-0315 was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. The Project Manager or designee who signed the Eurofins Calscience Work Order has been specifically authorized and approved to do so.

The information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations

1/14/2016

Name of Laboratory: Address of Laboratory: Eurofins Calscience 7440 Lincoln Way Garden Grove, CA 92841-1432

This Certification signed by:

Elizabeth Winger

Work Order: 16-01-0315

Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 01/06/16. They were assigned to Work Order 16-01-0315.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.



Client:	ANCHOR QEA	LLC	Work Order:	16-01-0315
	27201 Puerta R	eal, Suite 350	Project Name:	San Diego Shipyard North 131002-01.03
	Mission Viejo, C	A 92691-8306	PO Number:	
			Date/Time Received:	01/06/16 18:30
			Number of Containers:	4
Attn:	Kyle King			
Sample Io	dentification	Lab Number	Collection Date and Time	Number of Matrix Containers
D-ID-1601	06	16-01-0315-1	01/06/16 07:10	4 Aqueous

1.00

0.83



Solids, Total Suspended

ANCHOR QEA, LLC			Date Receiv	ved:			01/06/16
27201 Puerta Real, Suite 350			Work Order	:			16-01-0315
Mission Viejo, CA 92691-8306			Preparation	:			N/A
			Method:				SM 2540 D
			Units:				mg/L
Project: San Diego Shipyard North 1	31002-01.03					Paç	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-160106	16-01-0315-1-D	01/06/16 07:10	Aqueous	N/A	01/08/16	01/08/16 20:00	G0108TSSL6
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.
Parameter	Result	<u>t</u>	<u>RL</u>	MDL	DF	<u>Q</u>	ualifiers
Solids, Total Suspended	261		1.00	0.829	1.00		
Method Blank	099-09-010-7496	N/A	Aqueous	N/A	01/08/16	01/08/16 20:00	G0108TSSL6
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.
Parameter	Result	t	RI	MDI	DF	0	ualifiers

1.0

ND

Analytical Report

ANCHOR QEA, LLC			Date Receiv	ved:			01/06/16	
27201 Puerta Real, Suite 350			Work Order	:	16-01-0315			
Mission Viejo, CA 92691-8306			Preparation	:			N/A	
			Method:				SM 5220 C	
			Units:				mg/L	
Project: San Diego Shipyard North 1	31002-01.03					Pa	age 1 of 1	
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID	
D-ID-160106	16-01-0315-1-D	01/06/16 07:10	Aqueous	BUR06	01/11/16	01/11/16 18:00	G0111ODB1	
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL) but < RL (LO	Q), if found, are o	qualified with a	ı "J" flag.	
Parameter	Result	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers	
Chemical Oxygen Demand	260		5.0	4.8	1.00			
Method Blank	099-05-114-172	N/A	Aqueous	BUR06	01/11/16	01/11/16 18:00	G01110DB1	
Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.								
Parameter	<u>Result</u>	<u>t</u>	<u>RL</u>	MDL	DF	<u>(</u>	Qualifiers	
Chemical Oxygen Demand	ND		5.0	4.8	1.00			

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ANCHOR QE	EA, LLC			Date Recei	ved:			01/06/16
27201 Puerta	a Real, Suite 350			Work Order	r:			16-01-0315
Mission Viejo	o, CA 92691-8306			Preparation	n:			N/A
,	,			Method:				EPA 200.8
				Units:				ua/L
Project: San	Diego Shipyard North	131002-01.03					Pa	age 1 of 1
Client Sample N	lumber	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-160106		16-01-0315-1-B	01/06/16 07:10	Aqueous	ICP/MS 03	01/08/16	01/11/16 22:08	160108LA2
Comment(s):	- The reporting limit is elev	vated resulting from m	atrix interfere	ence.				
- Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.								
Parameter		Resu	<u>lt</u>	<u>RL</u>	MDL	<u>DF</u>		<u>Qualifiers</u>
Arsenic		68.4		10.0	3.86	10.0		
Copper		109		10.0	1.40	10.0		
Lead		64.5		10.0	0.898	10.0		
Nickel		18.8		10.0	1.32	10.0		
Zinc		152		50.0	4.79	10.0		
Method Blank		099-16-094-1120	N/A	Aqueous	ICP/MS 03	01/08/16	01/09/16 01:04	160108LA2
Comment(s):	- Results were evaluated t	o the MDL (DL), cond	entrations >=	to the MDL (D	L) but < RL (LC	Q), if found, are	qualified with a	a "J" flag.
Parameter		<u>Resu</u>	<u>lt</u>	<u>RL</u>	MDL	DF		<u>Qualifiers</u>
Arsenic		ND		1.00	0.386	1.00		
Copper		ND		1.00	0.140	1.00		
Lead		ND		1.00	0.0898	1.00		
Nickel		ND		1.00	0.132	1.00		
Zinc		ND		5.00	0.479	1.00		

Mercury

ANCHOR QEA, LLC			Date Receiv	/ed:			01/06/16
27201 Puerta Real, Suite 350			Work Order	:			16-01-0315
Mission Viejo, CA 92691-8306			Preparation	:		EF	A 245.1 Total
			Method:				EPA 245.1
			Units:				ug/L
Project: San Diego Shipyard North 1	31002-01.03					Pa	ge 1 of 1
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-160106	16-01-0315-1-B	01/06/16 07:10	Aqueous	Mercury 04	01/08/16	01/08/16 15:37	160108LA2A
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.
Parameter	Result	<u>t</u>	<u>RL</u>	MDL	<u>DF</u>	<u>C</u>	<u>ualifiers</u>
Mercury	0.252		0.200	0.0453	1.00		
Method Blank	099-04-008-7713	N/A	Aqueous	Mercury 04	01/08/16	01/08/16 19:05	160108LA2A
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >=	to the MDL (DL	.) but < RL (LO	Q), if found, are o	qualified with a	"J" flag.
Parameter	Result	t	<u>RL</u>	MDL	DF	<u>C</u>	alualifiers

0.200

0.0453

1.00

ND



ANCHOR QEA, LLC	Date Received:	01/06/16
27201 Puerta Real, Suite 350	Work Order:	16-01-0315
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
	Units:	ug/L
Project: San Diego Shipyard North 131002-01.03		Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
D-ID-160106	16-01-0315-1-C	01/06/16 07:10	Aqueous	GC 31	01/07/16	01/11/16 21:12	160107L02
Comment(s): - Results were evaluated to	the MDL (DL), conce	entrations >= t	to the MDL (DL) but < RL (LOC), if found, are c	ualified with a "	J" flag.
Parameter	<u>Result</u>	<u>t</u> .	<u>RL</u>	MDL	DF	<u>Qu</u>	alifiers
Aroclor-1016	ND		1.0	0.30	1.00		
Aroclor-1221	ND		1.0	0.29	1.00		
Aroclor-1232	ND		1.0	0.25	1.00		
Aroclor-1242	ND		1.0	0.18	1.00		
Aroclor-1248	ND		1.0	0.20	1.00		
Aroclor-1254	ND		1.0	0.23	1.00		
Aroclor-1260	ND		1.0	0.27	1.00		
Aroclor-1262	ND		1.0	0.26	1.00		
Aroclor-1268	ND		1.0	0.21	1.00		
Surrogate	<u>Rec. (</u>	<u>%)</u>	Control Limits	<u>Qualifiers</u>			
Decachlorobiphenyl	75		50-135				
2,4,5,6-Tetrachloro-m-Xylene	92		50-135				

Method Blank	099-12-533-112	4 N/A	Aqueous	GC 31	01/07/16	01/11/16 19:18	160107L02
Comment(s):	- Results were evaluated to the MDL (DL), c	oncentrations	>= to the MDL (DL	.) but < RL (LO	Q), if found, are o	qualified with	a "J" flag.
Parameter	Re	<u>esult</u>	<u>RL</u>	MDL	DF		<u>Qualifiers</u>
Aroclor-1016	NE)	1.0	0.29	1.00		
Aroclor-1221	NE)	1.0	0.28	1.00		
Aroclor-1232	NE)	1.0	0.25	1.00		
Aroclor-1242	NE)	1.0	0.18	1.00		
Aroclor-1248	NE)	1.0	0.20	1.00		
Aroclor-1254	NE)	1.0	0.23	1.00		
Aroclor-1260	NE)	1.0	0.26	1.00		
Aroclor-1262	NE)	1.0	0.26	1.00		
Aroclor-1268	NE)	1.0	0.21	1.00		
Surrogate	Re	ec. (%)	Control Limits	<u>Qualifiers</u>			
Decachlorobiphe	nyl 10	2	50-135				
2,4,5,6-Tetrachlo	oro-m-Xylene 95		50-135				



ANCHOR QEA, LLC	Date Received:	01/06/16
27201 Puerta Real, Suite 350	Work Order:	16-01-0315
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard North 131002-01.03		Page 1 of 2

Quality Control Sample ID	Туре		Matrix	In	strument	Date Prepared	Date Ana	lyzed	MS/MSD Bat	ch Number
D-ID-160106	Sample		Aqueous	IC	CP/MS 03	01/08/16	01/11/16	22:08	160108SA2	
D-ID-160106	Matrix Spike		Aqueous	IC	CP/MS 03	01/08/16	01/11/16	21:51	160108SA2	
D-ID-160106	Matrix Spike	Duplicate	Aqueous	IC	CP/MS 03	01/08/16	01/11/16	21:54	160108SA2	
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> <u>%Rec.</u>	<u>MSD</u> Conc.	<u>MSD</u> %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Arsenic	68.43	100.0	163.7	95	174.9	106	80-120	7	0-20	
Copper	109.4	100.0	198.6	89	215.1	106	80-120	8	0-20	
Lead	64.49	100.0	174.0	109	180.7	116	80-120	4	0-20	
Nickel	18.84	100.0	120.3	101	128.0	109	80-120	6	0-20	
Zinc	152.4	100.0	225.3	73	240.8	88	80-120	7	0-20	3



Quality Control - Spike/Spike Duplicate

ANCHOR QEA, LLC		C	Date Received	:		01/06/16	
27201 Puerta Real, Suite 350)	V	Vork Order:			16-01-0315	
Mission Viejo, CA 92691-8306		Preparation:			EPA 245.1 Total		
		Method:			EPA 245.1		
Project: San Diego Shipyard	North 131002-01.03					Page 2 of 2	
Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number	
16-01-0166-1	Sample	Aqueous	Mercury 04	01/08/16	01/08/16 19:10	160108SA2	
16-01-0166-1	Matrix Spike	Aqueous	Mercury 04	01/08/16	01/08/16 19:12	160108SA2	

16-01-0166-1	Matrix Spike	Duplicate	Aqueou	s Mer	cury 04	01/08/16	01/08/16	19:14	160108SA2	
Parameter	<u>Sample</u> <u>Conc.</u>	<u>Spike</u> Added	<u>MS</u> Conc.	<u>MS</u> %Rec.	<u>MSD</u> Conc.	<u>MSD</u> <u>%Rec.</u>	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	Qualifiers
Mercury	ND	10.00	10.06	101	9.852	99	75-125	2	0-20	



Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	01/06/16
27201 Puerta Real, Suite 350	Work Order:	16-01-0315
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard North 131002-01.03		Page 1 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
16-01-0319-3	Sample	Aqueous	N/A	01/08/16 00:00	01/08/16 20:00	G0108TSSD6
16-01-0319-3	Sample Duplicate	Aqueous	N/A	01/08/16 00:00	01/08/16 20:00	G0108TSSD6
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	<u>Qualifiers</u>
Solids, Total Suspended		19.20	20.60	7	0-20	


Quality Control - Sample Duplicate

ANCHOR QEA, LLC	Date Received:	01/06/16
27201 Puerta Real, Suite 350	Work Order:	16-01-0315
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 5220 C
Project: San Diego Shipyard North 131002-01.03		Page 2 of 2

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	Duplicate Batch Number
D-ID-160106	Sample	Aqueous	BUR06	01/11/16 00:00	01/11/16 18:00	G01110DD1
D-ID-160106	Sample Duplicate	Aqueous	BUR06	01/11/16 00:00	01/11/16 18:00	G01110DD1
Parameter		Sample Conc.	DUP Conc.	RPD	RPD CL	<u>Qualifiers</u>
Chemical Oxygen Demand		257.0	252.0	2	0-25	

RPD: Relative Percent Difference. CL: Control Limits



ANCHOR QEA, LLC	Date Received:	01/06/16
27201 Puerta Real, Suite 350	Work Order:	16-01-0315
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	SM 2540 D
Project: San Diego Shipyard North 131002-01.03		Page 1 of 4

Quality Control Sample ID	Туре	Matr	ix	Instrument	Date Prep	ared D	Date A	nalyzed	LCS/LCSD Ba	tch Number
099-09-010-7496	LCS	Aqu	Aqueous		01/08/16		01/08/16 20:00		G0108TSSL6	
099-09-010-7496	LCSD	Aqu	eous	N/A	01/08/16	0	01/08/1	6 20:00	G0108TSSL6	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> <u>%Rec.</u>	LCSD Conc.	LCSD %Rec.	%Rec.		RPD	RPD CL	<u>Qualifiers</u>
Solids, Total Suspended	100.0	105.0	105	101.0	101	80-120	4	4	0-20	

RPD: Relative Percent Difference. CL: Control Limits

Return to Contents



ANCHOR QEA, LLC	Date Received:	01/06/16
27201 Puerta Real, Suite 350	Work Order:	16-01-0315
Mission Viejo, CA 92691-8306	Preparation:	N/A
	Method:	EPA 200.8
Project: San Diego Shipyard North 131002-01.03		Page 2 of 4

Quality Control Sample ID	Туре	Mat	rix	Instrument	Date Pre	pared Date	Analyzed	LCS/LCSD Ba	atch Number
099-16-094-1120	LCS	Aqu	ieous	ICP/MS 03	01/08/16	01/0	9/16 01:07	160108LA2	
099-16-094-1120	LCSD	Αqι	ieous	ICP/MS 03	01/08/16	01/0	9/16 01:09	160108LA2	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec. CL</u>	<u>RPD</u>	RPD CL	Qualifiers
Arsenic	100.0	99.23	99	106.0	106	80-120	7	0-20	
Copper	100.0	100.1	100	108.8	109	80-120	8	0-20	
Lead	100.0	95.67	96	94.36	94	80-120	1	0-20	
Nickel	100.0	100.2	100	105.9	106	80-120	6	0-20	
Zinc	100.0	99.23	99	107.3	107	80-120	8	0-20	





ANCHOR QEA, LLC	Date Received:	01/06/16
27201 Puerta Real, Suite 350	Work Order:	16-01-0315
Mission Viejo, CA 92691-8306	Preparation:	EPA 245.1 Total
	Method:	EPA 245.1
Project: San Diego Shipyard North 131002-01.03		Page 3 of 4

Quality Control Sample ID	Туре	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-04-008-7713	LCS	Aqueous	Mercury 04	01/08/16	01/08/16 19:07	160108LA2A
Parameter		Spike Added	Conc. Recover	red LCS %Re	<u>ec. %Rec.</u>	<u>CL</u> <u>Qualifiers</u>
Mercury		10.00	9.358	94	85-12	1



RPD: Relative Percent Difference. CL: Control Limits



ANCHOR QEA, LLC	Date Received:	01/06/16
27201 Puerta Real, Suite 350	Work Order:	16-01-0315
Mission Viejo, CA 92691-8306	Preparation:	EPA 3510C
	Method:	EPA 8082
Project: San Diego Shipyard North 131002-01.03		Page 4 of 4

Quality Control Sample ID	Туре	Mat	Matrix Instr		strument Date Prepared		ate Analyzed	LCS/LCSD Ba	atch Number
099-12-533-1124	LCS	Aqu	ieous	GC 31	01/07/16	01	1/11/16 18:40	160107L02	
099-12-533-1124	LCSD	Aqu	ieous	GC 31	01/07/16	01	1/11/16 18:59	160107L02	
Parameter	Spike Added	LCS Conc.	<u>LCS</u> %Rec.	LCSD Conc.	LCSD %Rec.	<u>%Rec. C</u>	CL RPD	RPD CL	<u>Qualifiers</u>
Aroclor-1016	2.000	2.068	103	2.140	107	50-135	3	0-25	
Aroclor-1260	2.000	1.863	93	1.959	98	50-135	5	0-25	

RPD: Relative Percent Difference. CL: Control Limits

Glossary of Terms and Qualifiers

Work Order: 16-01-0315

Page 1 of 1 Qualifiers Definition * See applicable analysis comment. Less than the indicated value. < > Greater than the indicated value. Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further 1 clarification. 2 Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification. 3 Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control. 4 The MS/MSD RPD was out of control due to suspected matrix interference. 5 The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference. 6 Surrogate recovery below the acceptance limit. 7 Surrogate recovery above the acceptance limit. В Analyte was present in the associated method blank. ΒU Sample analyzed after holding time expired. ΒV Sample received after holding time expired. CI See case narrative. F Concentration exceeds the calibration range. ET Sample was extracted past end of recommended max. holding time. HD The chromatographic pattern was inconsistent with the profile of the reference fuel standard. HDH The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected). HDL The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected). J Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated. JA Analyte positively identified but quantitation is an estimate. LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean). ME ND Parameter not detected at the indicated reporting limit. Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike Q concentration by a factor of four or greater. SG The sample extract was subjected to Silica Gel treatment prior to analysis. Х % Recovery and/or RPD out-of-range. Ζ Analyte presence was not confirmed by second column or GC/MS analysis. Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis. Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the

stated holding time unless received at the laboratory within 15 minutes of the collection time. A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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r courier service / sample drop off inforr	mation, contact us26_sales@	eurofinsus.com or c	all us.			CLIEN	IT PROJ		ME / NU	IMBER:	IJ					P.O. N	10.:					
Anchor G	EA					Sar	n Diege	o Ship	yard N	lorth 1	31002-0	1.03										
27201 Puerta Re	al, Suite 350					PROJ	ECT CO	NTACT:								SAMP	LER(S):	(PRINT)				
Mission Viejo		STATE: CA	A ^{ZIP:} 92	2691		Kyle	e King									1	NIC	×1	ile	nn	ed	L.
949.347.2780	E-MAIL: <u>kking@anc</u>	horgea.com				rt.		IJ			R	QUE	STE	D AN	ALY	SES						ĺ
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J SAME DAY □ 24 HR □	1 48 HR □ 72 HR	D 5 DAYS D		RD	3:	آهم	S	, <u>2</u>												·		
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AB⊡ ISE∵ SAMPLE ID	SAMPLING	MATRIX	NO. OF	Inpres	ield Fi	2pp	EPA	ddí	X	N.S												
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06/02/14 Revision

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Return to Contents

🔹 eurofin	S .			NUMBER:	^{Ра} 16–0	ge 21 of 2 1 – <u></u>	21 315
	Calscience	SAMPLE RECEIPT	CHECKLIST	с	OOLEF	۲ <u>ا</u> ه)F
CLIENT: AL	CHOR_Q	EA		DA	TE: 01	100	2016
TEMPERATURE Thermometer ID: Sample(s) c Sample(s) c Sample(s) rece Ambient Tempera	: (Criteria: 0.0° C – 6. SC3 (CF:+ 0.3° C); Te butside temperature o butside temperature o bived at ambient temperature: \Box Air. \Box Filter	0°C, not frozen except sedim emperature (w/o CF): criteria (PM/APM contacted b criteria but received on ice/ch perature; placed on ice for tra	ent/tissue) 2°C (w/ CF): y:) illed on same day c ansport by courier	3_5_°C; ⋤ f sampling	Blank	□ Samp	le 27
CUSTODY SEAL Cooler	.: Present and Intact Present and Intact	□ Present but Not Intact □ Present but Not Intact	Not Present	□ N/A □ N/A	Check Check	ked by:	37) 5
SAMPLE CONDI	TION:				Yes	No	N/A
Chain-of-Custody	<pre>/ (COC) document(s)</pre>	received with samples					
COC document(s	s) received complete	·			Ø		
□ Sampling d	, ate □ Sampling tim	e 🗆 Matrix 🗖 Number of c	ontainers				
□ No analvsis	requested D Not re	elinguished 🛛 No relinguish	ed date D No relir	nguished time	ł		
Sampler's name i	indicated on COC			•	Ø		
Sample container	r label(s) consistent v	with COC			Í		
Sample container	r(s) intact and in good	d condition					
Proper containers	s for analyses reques						
Sufficient volume	mass for analyses reque	aquested			. <u>Г</u>	Π	
Sumclent volume	d within holding time					п	
Samples received	a within holding time	nee received within 15 minut	o holding timo	• • • • • • • • • • • • • • • • • • • •	. 7	Land	-
Aqueous sam	ples for certain analy	ses received within 15-minut			п	п	
Црн Ц Res							
Proper preservat	ion chemical(s) holed	on COC and/or sample con			· /		
Unpreserved	aqueous sample(s) r	eceived for certain analyses					
	ganics LI I otal Meta				-	-	
Container(s) for c	certain analysis free o				. ⊔		
□ Volatile Org	ganics Dissolved		ved Oxygen (Sivi 4:	500)			
Carbon Dio	oxide (SM 4500) □ I	Ferrous Iron (SM 3500) □ F	lydrogen Sulfide (H	ach)	_	_	
Tedlar™ bag(s) f	free of condensation				. Ц	Ц	
CONTAINER TY	PE:		(Trip Bla	nk Lot Numb	er:)
Aqueous: 🗆 VOA	A □VOAh □VOAr	aa₂ □ 100PJ □ 100PJna₂ I	□ 125AGB □ 125A	.GB h □ 125/	GBp E] 125PB	
🗆 125PB znna 🗆] 250AGB □ 250CG	B 250CGBs 250PB	250PBn 🗆 500A0	B □ 500AG	J □ 50	0AGJ s	
□ 500PB 🗹 1AG	GB □ 1AGB na₂ □ 1	AGBs Z 1PB 🗆 1PBna 🗆	· O	□	[□ 	_
Solid: 🗆 4ozCGJ	□ 8ozCGJ □ 16oz	zCGJ □ Sleeve () □ E	EnCores [®] ()] TerraCores®	′ ())	
Air: □ Tedlar™	Canister Sorbe	nt Tube D PUF D	_ Other Matrix (): []	0_	
Container: A = Am	iber, B = Bottle, C = Cle	ear, E = Envelope, G = Glass, J	= Jar, P = Plastic, and	d Z = Ziploc/Re	sealable	Bag	
Preservative: b = b	ouffered, f = filtered, h =	= HCl, n = HNO ₃ , na = NaOH, n a	a₂ = Na ₂ S ₂ O ₃ , p = H ₃ F	PO ₄ , Labele	ed/Chec	ked by: <u>_</u>	165
s=+	H₂SO₄, u = ultra-pure, z	nna = Zn(CH ₃ CO ₂) ₂ + NaOH			Review	wed by: 💪	81

2015-04-10	Revision

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Michael Palmer San Diego Bay Enviro Restoration Fund Nort Anchor QEA, Attn: Adam Gale 27201 Puerta Real, Suite 350 Mission Viejo, CA 92691 IU# Pmt#:11-0564 01-A Conn: 100	h Trust	************ * RETURN RI * by * 15-MAR-: ************ ISMF‡	********** EPORT * 2016 * ********* \$: 166204
dite Address 2005 E Bolt St. Con Diogo		Dormitted IW Flor	. 432000
Sample Point: Check in will alert contact to e trucker traffic. Sample tank (SF Autosampler placed on the ground sample tank through top access h	escort s 37017) w 1 closes nole/por	sampler where to drive will be located closest of to sample tank manho	& manage t to bay. ole. Access
Laboratory Name: NA		* COPY OF ANALYS	SIS REQUIRED *
Sample#: 0166204-01 Date: N/A		Time(s): N/A	
24 hour composite			
Sampler: N/A Description	n: N/A		
Parameter	Units	Daily Max	Result
Chemical Ovygan Demand	ma/T		N/A
Solids Total Suspended	$m_{\rm CM}/I$		N/A
Copper Total	$m_{\rm C}/T$		N/A
Lead Total	$m_{\rm CM}/T$		N/A
Nickel, Total	$m\alpha/L$		N/A
Zinc. Total	ma/T		N/A
Arsenic. Total	$m\alpha/T_{i}$	5	N/A
Mercury, Total	mg/L	.2	N/A
Sample#: 0166204-02 Date: N/A		Time(s): N/A	
Evaluation only (no sample)	50- <u>54</u>		
Sampler: N/A Description	n: <u>N</u> /A		
Beginning Meter Read and Date	qals		2,039,500
Ending Meter Read and Date	gals		2,039,500
Average Flow/calendar day thru Connection	apd		0
Imported Flow During Period	gals		0
Maximum gals/min thru meter	apm	300	0
Minimum gals/min thru meter when discharging	gpm	50-	0

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Michael Palmer	*****
San Diego Bay Enviro Restoration Fund North Trust	. RETURN REPORT
Anchor QEA, Attn: Adam Gale	* by *
27201 Puerta Real, Suite 350	* 15-MAR-2016 *
Mission Viejo, CA 92691	*****
	TOME#. 166204
	13/17#: 166204
Site Address: 2205 E Belt St, San Diego	Permitted IW Flow: 432000
Sample Point: Check in will alert contact to escort sam trucker traffic. Sample tank (SB7017) wil Autosampler placed on the ground closest sample tank through top access hole/port.	pler where to drive & manage l be located closest to bay. to sample tank manhole. Access
Laboratory Name: N/A	* COPY OF ANALYSIS REQUIRED *
Sample#: 0166204-03 Date: N/A T	ime(s): N/A
Pesticide and PCB grab	
Sampler: <u>N/A</u> Description: <u>N/A</u>	
PCB's, Total ug/L 3	N/A

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u> <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

1 1 - 0 5 6 4	Mar-15	February 2016		
facility number	report due date	monitoring period		
M. had Pelme-	_ Project	Coordinator		
rint Name	Title 7 [7	5/16		
ignature Attach to Industry Self-Monitoring Form	n)			

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Note: If Monthly Average Limits apply, these self-monitoring results will be averaged with all other VALID analyses for samples collected in the same calendar year including IWCP monitoring data, to determine compliance.

Michael Pa San Diego Anchor QEA 27201 Puer Mission Vi IU# Pmt#: 11-05	llmer Bay Enviro Restoration Fund Nort A, Attn: Adam Gale ta Real, Suite 350 .ejo, CA 92691 564 01-A Conn: 100	h Trust	*********** * RETURN 1 * by * 15-APR ********** ISMI	**************************************
Site Address:	2205 E Belt St, San Diego		Permitted IW Flo	ow: 432000
Sample Point:	Check in will alert contact to trucker traffic. Sample tank (S Autosampler placed on the groun sample tank through top access	escort s B7017) w d closes hole/por	sampler where to drive will be located closes at to sample tank man ct.	e & manage st to bay. nole. Access
Laboratory Nam	e:		* COPY OF ANAL	YSIS REQUIRED *
Sample#: 01665	95-01 Date:		Time(s):	
24 hour compos	ite			
Sampler:	Descriptio	on:		
Parameter	6	Units	Daily Max	Result
Chemical Oxy	gen Demand	mg/L		
Solids, Tota	1 Suspended	mg/L		
Copper, Tota	1	mg/L		
Lead, Total		mg/L		*******
Nickel, Tota	1	mg/L		
Zinc, Total		mg/L		
Arsenic, Tot	al	mg/L	5	
Mercury, Tot	al	mg/L	. 2	
Sample#: 01665	95-02 Date:		Time(s):	
Evaluation onl	v (no sample)			
Sampler:	Descriptio	on:		
Beginning Me	ter Read and Date	gals		
Ending Meter	Read and Date	gals		
Average Flow	/calendar day thru Connection	gpd		
Imported Flc	w During Period	gals		
Maximum qals	/min thru meter	gpm	300	
Minimum gals	/min thru meter when discharging	gpm	50-	(

Page 1 of 2

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Michael Pa San Diego Anchor QEA 27201 Puer Mission Vi	lmer Bay Enviro Resto , Attn: Adam Gal ta Real, Suite 3 ejo, CA 92691	ration Fu e 50	und North Trust	2	**************************************	********* PORT * 2016 * *****
IU# Pmt#: 11-05	64 01-A	Conn: 1	L00		ISMF#	: 166595
Site Address:	2205 E Belt St,	San Dieg	10	Per	mitted IW Flow	1: 432000
Sample Point:	Check in will al trucker traffic Autosampler plac sample tank three	lert cont . Sample ced on th ough top	tact to escort tank (SB7017) ne ground close access hole/po	sampler w will be l st to sam ort.	here to drive ocated closest ple tank manhc	& manage to bay. Dle. Access
Laboratory Nam	e:			*	COPY OF ANALYS	SIS REQUIRED
Sample#: 01665 Pesticide and	95-03 Date: PCB grab			Time(s)	:	
Sampler:	_	De	scription:			
PCB's, Total			ug/L	3		

City of San Diego Public Utilities Dept Industrial Wastewater Control Program 9192 Topaz Way, San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u> <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

facility number

report due date

monitoring period

Michae

Print Name

 \mathcal{A}

Proved Condint.

Title

Signature (Attach to Industry Self-Monitoring Form)

City of San Diego Public Utilities Industrial Wastewater Control Program 9192 Topaz Wy San Diego, CA 92123-1119 Tel (858) 654-4100 Fax (858) 654-4110

Michael Palmer San Diego Bay Enviro Restora PO Box 13308 San Diego, CA 92170-3308	tion Fund North Trus	***** * R * *	ETURN REPORT * by * 15-APR-2016 *
IU# Pmt#: 25-0475 01-A Cc	onn: 100		ISMF#: 166698
Site Address: 2205 E Belt St, Sa Sample Point:	n Diego	Permitted	IW Flow: 5000
Laboratory Name: <u>N/A</u>		* COPY 01	F ANALYSIS REQUIRED *
Sample#: 0166698-01 Date:		Time(s): N/A	
Sampler: N/A	Description:		
Parameter	Units	Daily Max	Result
Solids, Total Suspended	mg/L		N/A
Copper, Total	mg/L	11	N/A
Lead, Total	mg/L	5	N/A
Nickel, Total	mg/L	13	N/A
Zinc, Total	mg/L	24	N/A
Arsenic, Total	mg/L	5	N/A
Mercury, Total	mg/L	.2	N/A
Sample#: 0166698-02 Date: <u>N/A</u>		Time(s):	N/A
Pesticide and PCB grab			
Sampler: N/A	Description:	N/A	
PCB's, Total	ug/L	з	N/A

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Applicability: These instructions apply to any industry whose Industrial User Discharge Permit includes an Attachment B, "SELF-MONITORING AND REPORTING REQUIREMENTS".

All self monitoring reports submitted to the Industrial Wastewater Control Program must include the following certification statement and be signed as required in the permit under <u>STANDARD</u> <u>CONDITIONS</u>, <u>Signatory Requirements</u>.

CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that all wastewater samples analyzed and reported herein are representative of the ordinary process wastewater flow from this facility. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations.

	1/15/2016	March 2016
facility number	report due date	monitoring period
Michael Palmer	Project (Coordinator
Print Name Marken	Title	4/16
Signature Attach to Industry Self-Monitoring Form)	Date	
:\SHARED\Compliance\SM Certification forms\SMR Cert.d	locx	Rev. 11/02/09w

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Michael Pa San Diego Anchor QEA 27201 Puer Mission Vi	Almer Bay Enviro Restor A, Attn: Adam Gale Sta Real, Suite 35 Gejo, CA 92691	Conn: 100	h Trust	** * * * *	**************************************	******* DRT * 16 * *******
Site Address.	2205 E Belt St	San Diego		Permitt	red IW Flow:	432000
Sample Point:	Check in will al trucker traffic. Autosampler plac sample tank thro	ert contact to o Sample tank (S) ed on the ground ugh top access)	escort sa 37017) wi d closest nole/port	ampler where ill be locat to sample	e to drive & ced closest t tank manhole	manage to bay. e. Access
Laboratory Nam	.e:			* COP:	Y OF ANALYSIS	S REQUIRED *
Sample#: 01672	21-01 Date:			Time(s):		
24 hour compos	ite					
Sampler:		Descriptio	n:			
Parameter			Units	Daily Max		Result
Chemical Oxy	gen Demand		mg/L			8
Solids, Tota	l Suspended		mg/L			
Copper, Tota	1		mg/L			
Lead, Total			mg/L			19 <u></u> 1
Nickel, Tota	1		mg/L			s -
Zinc, Total			mg/L			
Arsenic, Tot	al		mg/L	5		
Mercury, Tot	al		mg/L	.2		
Sample#: 01672	21-02 Date:			Time(s):		
Evaluation onl	y (no sample)					
Sampler:		Descriptio	n:			
Beginning Me	ter Read and Date		gals			
Ending Meter	. Read and Date		gals			
Average Flow	/calendar day thr	u Connection	gpd			
Imported Flo	w During Period		gals			
Maximum gals	/min thru meter		gpm	300		
Minimum gals	/min thru meter w	hen discharging	gpm	50-		11-7

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Michael Pa San Diego Anchor QEA 27201 Puer Mission Vi	lmer Bay Enviro Rest , Attn: Adam Ga ta Real, Suite .ejo, CA 92691	oration F le 350	und North Tru	lst	**************************************
IU# Pmt#: 11-05	64 01-A	Conn: 1	LOO		ISMF#: 167221
Site Address:	2205 E Belt St,	San Diec	or		Permitted IW Flow, 432000
Sample Point:	Check in will a trucker traffic Autosampler pla sample tank thr	lert cont Sample ced on th rough top	act to escor tank (SB7017 ne ground clo access hole/	t sample) will] sest to port.	er where to drive & manage be located closest to bay. sample tank manhole. Access
Laboratory Name	ə:				* COPY OF ANALYSIS REQUIRED
Sample#: 016722	21-03 Date:			Tim	e(s):
Pesticide and	PCB grab				
Sampler:		Des	scription:		
PCB's, Total			ug/L	3	

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0 6 5

5/15/16

April 2016

facility number

report due date

monitoring period

Print Name

Signature (Attach to Industry Self-Monitoring Form)

Project Courdination Title S/G/16

Date