California Regional Water Quality Control Board, San Diego Region

January 26, 2016

Sent via e-mail only

In reply refer to:
235140: kschwall

Todd Roberts, President
Marine Group Boat Works
997 G Street
Chula Vista, CA 91910
troberts@marinegroupbw.com

Subject: Compliance Evaluation Inspection for the Marine Group Boat Works – National City, Order No. R9-2013-0026 (NPDES Permit No. CAG719001)

Mr. Roberts:

On January 11, 2016, a compliance evaluation inspection was conducted at Marine Group Boat Works – National City by the California Regional Water Quality Control Board, San Diego Region. The purpose of the inspection was to evaluate compliance with San Diego Water Board Order No. R9-2013-0026 (NPDES Permit No. CAG719001). The compliance evaluation inspection report (attached) lists a number of observations and violations, including a requirement to respond with additional information by February 2, 2016.

For questions or comments, please contact Ms. Kristin Schwall by phone at (619) 521-3368 or by email at kschwall@waterboards.ca.gov. In the subject line of any response, please include the reference number "235140:kschwall."

Respectfully,

Brandi N. Outwin-Beals, P.E.
Senior Water Resources Control Engineer Source Control Unit

Attachment: Compliance Evaluation Inspection Report

cc: Hasti Javid, EHSIII/REHS, Enforcement Coordinator, County of San Diego, Hazardous Materials Division/CUPA, Hasti.Javid@sdcounty.ca.gov

Order No.	R9-2013-0026
NPDES No.	CAG719001
CIWQS Place ID	235140 (Marine Group Boat Works National City)
WDID	9 000000816
Reg. Measure No.	388921
Inspection ID	23070497
Enforcement ID	404384

EPA Region IX and California Water Resources Control Board

NPDES Compliance Evaluation Inspection (CEI) Checklist

Name and Location of Facility Inspected	Entry Date	Permit Effective Date
The Marine Group Boat Works – National City 1313 Bay Marina Drive, National City, CA	1/11/2016 **Entry Time** 13:00	October 1, 2013

NPDES Permit Number	Order Number		Permit Expiration Date
CAG719001	R9-2013-0026	☐ Major ☒ Minor	September 30, 2018

Name(s) & Title(s) of On-Site Representatives	Contact Information	Notified of Inspection?
Todd Roberts, President Alan Young, Yard Manager Jay Le	**Phone:** 619-427-6783 **Fax:** 619-627-6784	☒ Yes ☐ No

Name, Title & Address of Responsible Official	Contact Information	Official Contacted?
Todd Roberts, President	**Phone:** 619-427-6783 **Fax:** 619-627-6784	☒ Yes ☐ No

Inspectors(s)	Presented Credentials?
Inspectors(s) Kristin Schwall, San Diego Water Board and Dat Quach, San Diego Water Board **Primary:** Kristin Schwall **Other(s):**	☒ Yes ☐ No

Weather Conditions at the Time of the Inspection:	Receiving Water Name:
Cloudy with temperatures in the low 60s. There was a storm the previous week resulting in 1.83 inches of rain at Chula Vista according to the National Weather Service.	San Diego Bay

Overview of Areas Evaluated During Inspection

S = Satisfactory, M = Marginal, U = Unsatisfactory, NE = Not Evaluated

Permit:	S	Flow Measurement:	NE	Solid Waste Handling & Disposal:	NE
Records & Reports:	U	Self-Monitoring Program:	M	Compliance Schedules:	NE
Facility Site Review:	U	Laboratory:	S	Pretreatment (POTWs Only):	NE
Effluent & Receiving Waters:	S	Operations & Maintenance:	NE	Storm Water:	U

Prepared By:
Kristin Schwall Kristin K Schwall

Facility Narrative

On January 11, 2016, Ms. Kristin Schwall and Mr. Dat Quach of the California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) inspected the Marine Group Boat Works – National City (Discharger) in National City, CA. Discharges from the Facility are regulated by San Diego Water Board Order No. R9-2013-0026, NPDES Permit No. CAG719001, *General Waste Discharge Requirements for Discharges from Boatyards and Boat Maintenance and Repair Facilities Adjacent to Surface Waters within the San Diego Region* (Boatyard General Permit, Order No. R9-2013-0026). Todd Roberts, President; Alan Young, Yard Manager; and Jay Le represented the Discharger during the inspection.

The Facility is a boatyard engaged in boat construction and repair with a travel lift. The Facility has certified that all storm water from a 5-year, 24-hour storm of 2 inches can be retained on-site using a permanent 50,000 gallon tank, a collapsible 10,000 gallon tank, and ponding on site. Water retained in the tanks and on-site is eventually drained to the City of San Diego sanitary sewer system, in accordance with the Batch Authorization Request attached.

The Discharger also owns the Marine Group Boat Works – Chula Vista which is another boatyard on San Diego Bay regulated by the Boatyard General Permit.

Observations and Recommendations

The inspectors noted a number of violations during the inspection as noted here:

1. The General Boatyard Permit describes the Facility as having a floating drydock. However, the floating drydock is no longer at the Facility. By February 2, 2016, the Discharger is required to submit a letter to the San Diego Water Board indicating the date of the drydock removal.

2. A staff enforcement letter was sent on November 13, 2015, regarding missing quarterly and annual monitoring reports. The Boatyard General Permit includes a Boatyard Annual Checklist in Attachment I to assist in preparing these reports. These missing reports are a violation of section VII.B.3 of the General Boatyard Permit and should be submitted as soon as possible. (CIWQS Viol ID 998573, 998574, 998575, 998576, 998577, 998578, 998579, 998580, 998582)

3. The inspectors observed metal shavings on the ground during the inspection. (Photos 4 and 5) If not swept up at the end of the day, this would be a violation of the Facility's Storm Water Pollution Plan (SWPPP), submitted in accordance with section X.D of the General Boatyard Permit. The Discharger is required to maintain compliance with the SWPPP.

4. The inspectors observed a drum labeled hazardous waste stored outside the hazardous waste area across from the blasting building with no secondary containment or cover. (Photos 6 and 7) Hazardous waste must be labeled and stored in accordance with all applicable federal, State, and local laws. Improper labeling of waste is a violation of section VIII.2.a of the General Boatyard Permit. The inspectors observed standing water visible in hazardous waste secondary containment. (Photos 8, 9, 10, 11, and 12) Allowing water and other waste to accumulate in hazardous waste secondary containment areas is a violation of section X.B of the General Boatyard Permit. By February 2, 2016, the Discharger is required to submit documentation showing that 1) the barrel shown in photos 6 and 7 has been properly labeled and properly stored and 2) the secondary containment shown in photos 8, 9, 10, 11, and 12 is free of liquid. (CIWQS Viol ID 1002135 & 1002136)

5. The 5-year, 24-hour storm Engineering Certification Report submitted by the Discharger on June 3, and August 26, 2014 indicated that a 10,000 gallon collapsible storage bladder was to be stored on-site at all times. However, the collapsible storage bladder was not on-site at the time of the inspection. This is a

violation of section V.B. of Attachment E, Monitoring and Reporting Program, of the General Boatyard Permit. By February 2, 2016, the Discharger must either resubmit the 5-year, 24-hour storm Engineering Certification Report showing that the collapsible storage bladder is not necessary at the Facility, or must provide evidence that the collapsible storage bladder has been returned to the Facility. (CIWQS Viol ID 1002137)

PERMIT **OVERALL RATING_S____**

1. Current copy of facility NPDES permit available on-site.	NE
2. Correct name and mailing address of permittee identified on NPDES permit.	S
3. Facility is as described in permit.	M
4. a. Notification given to San Diego Water Board of process/production modifications, collection system expansions, etc. that impacted quality/quantity of discharge or changes to the facility or increased discharge. b. Permit modification received, if required, prior to changes.	M S
5. Recent permit modifications, amendments or compliance orders on file.	S
6. Number of discharge outfalls the same as listed in the permit.	S
7. Name of receiving waters listed correctly in the permit.	S
8. Permit status (i.e., current, expired, or extended)	Current
9. Permit renewal application submitted to the San Diego Water Board within 180 days of expiration date.	NE
10. Other:	NE
Notes: The floating drydock is no longer at the Facility. This section was rated “satisfactory” due to most checklist items checklist items were satisfactory.	

RECORDS/REPORTS **OVERALL RATING_U____**

1. NPDES records maintained for the time period required (5 years):	Yes/No
The following records and reports were requested and observed:	NE
2. a. Did the Facility document any spills or bypasses during the period reviewed?	NE
b. Spills and bypasses reported and documented as required by the permit.	NE
c. Follow-up written documentation given as required by the permit (within 5 days in most cases).	NE
3. Discharge Monitoring Report (DMR) evaluation:	
a. The responsible person or designee signs and certifies the DMR.	Yes
b. The facility monitors more frequently than required by the permit.	No
c. All data collected are summarized on the DMR.	No
d. Data reported on DMR consistent w/ analytical results.	No
4. Reports completed in timeframe and frequency as required by the permit (not all reports required for all facilities):	
a. Discharge Monitoring Reports.	No
5. Sampling and analytical records (for water and biosolids) include: (**Tank water was sampled prior to discharge to sanitary sewer.**)	Yes
a. Dates, times, and location of sampling.	Yes
b. Names of individuals performing sampling.	Yes
c. Analytical methods.	Yes
d. Results of analyses.	Yes
e. Dates of analyses.	
f. Time of analyses, as necessary to verify holding times.	No
g. Analysts' names or initials.	No
h. Instantaneous flow at grab sample stations, if required.	NE
6. All records and reports required by the permit appear to be organized and available for inspection.	NE

Notes:

A staff enforcement letter was sent on November 13, 2015, regarding missing monitoring reports.

This section was rated "unsatisfactory" due to checklist item 4 and the staff enforcement letter..

FACILITY SITE REVIEW **OVERALL RATING__U_**

1. All treatment units and supporting equipment are in service and mechanically functioning properly.	NE
2. Odors are adequately controlled, resulting in limited complaints.	S
3. Housekeeping procedures are adequate to prevent release of pollutants to environment: a. Adequate dikes and secondary containment. b. Spill containment and clean-up. c. Signs of spillage to soil, groundwater, or surface water. d. Storm water and leachate management from storage piles. e. Leaking pipes, pumps, etc. f. Drum and chemical storage areas. g. Minimization of pollutants entering storm water outfalls. h. Other open dumps or debris piles. i. Other.	U
4. Signs of tank deterioration and/or settlement.	No
5. Safety concerns may interfere with proper operation, maintenance, and/or monitoring.	No
6. Material Safety Data Sheets (MSDS) are available for stored chemicals.	NE
7. Equipment available for spill cleanup and containment.	NE
8. Other:	

Notes:

- Metal shavings were noted on the ground. The Discharger stated that they move equipment inside and sweep at the end of the day. See photos 4 and 5.
- A drum labeled hazardous waste was stored outside the hazardous waste area across from the blasting building with no secondary containment or cover. Other empty drums and cubes were stored in this area. The Discharger stated that this was not hazardous waste and needs a new label. Barrels of waste must be properly stored and labeled. See photos 6 and 7.
- Standing water was visible in hazardous waste secondary containment. The Dischargers stated that they pump the containment at the end of the day and there was rain over the weekend. See photos 8, 9, 10, 11, and 12.
- The Discharger stated that they sweep daily and maintain other BMPs to prevent the discharge of waste.

This section was rated “unsatisfactory” due to checklist item 3.

EFFLUENT/RECEIVING WATERS OVERALL RATING__S__

1. Recent DMR history (last _____ months) (outfall number(s) _____): a. Violations of discharge limits. b. Spills/bypasses. c. Fish kills or other receiving water impacts. d. Whole Effluent Toxicity (WET) results are in accordance with the permit. If effluent limit violations have been identified, what actions has the facility taken to eliminate or reduce their reoccurrence?	NE due to missing reports
2. DMR spot check conducted for the months of _____, _____, _____, _____ a. Internal lab sheets and contract lab results properly transferred to DMRs b. Monthly average, weekly, maximum, etc. values calculated per the permit and are correct c. Influent and effluent loadings reported d. DMR is accurate and complete for each outfall	NE due to missing reports
3. Appearance of effluent during inspection: a. The effluent(s) was viewed during the inspection. b. Excessive foam, scum, or sheens present c. Cloudy and/or color d. Excessive solids e. Other:	NE tank is closed and no discharge to surface water
4. Appearance of receiving water(s) during inspection: a. The receiving water(s) was viewed during the inspection b. Distinctly visible foam or sheens on receiving water c. Biosolids accumulation or deposits of solids below discharge point(s) d. Distinctly visible plume from discharge(s) to receiving water e. Discharge creates objectionable odor at or near receiving water f. Other:	Yes No No No No
Notes: No evidence of discharge was visible in the receiving water or on the shore. This section was rated “satisfactory” due to checklist item 4.	

SAMPLING (SELF-MONITORING PROGRAM) OVERALL RATING__M__

1. Sampling locations, type, methods, and frequencies conform to the NPDES permit for all required samples (including influent, effluent, biosolids, receiving stream, etc.).	M
2. Sampling locations and methods provide representative samples. a. Grab samples are collected during peak flow conditions rather than low-stress conditions. b. Composite sampling procedures comply with the permit (time vs. flow weighted).	M
3. Automatic samplers and other sampling equipment are properly cleaned.	NE
4. Samples are preserved using methods listed in title 40 of the Code of Federal Regulations (40 CFR) part 136 (e.g., chilled, acidified, etc.).	NE
5. Sample containers are as listed in 40 CFR part 136.	NE
6. Chain-of-custody is maintained and documented.	S
7. Samples are collected using approved protocols: a. Coliform sample taken directly into sterilized container. b. BOD samples are taken prior to disinfection or reseeded. c. Oil and grease collected directly into a glass container. d. Other:	NE
8. Other:	

Notes:

The Discharger is not sure where the storm water would overflow and where to sample. The Discharger contains storm water on-site prior to discharging to the sanitary sewer. If a very large storm occurred, a discharge to surface water would occur due to flooding on-site. The Discharger should identify the low point in the perimeter of the Facility in case sampling is necessary and add the location to their SWPPP.

This section was rated “marginal” due to checklist item 1 and 2.

LABORATORY OVERALL RATING__S__

1. Certified contract laboratory being used: Laboratory name:_Analytical Chemical Labs, Inc_____ Visited: **no** Address:__1123 West Morena Blvd_____ Phone:__619-276-1558_____ EPA Reg # CA01419 ELAP Cert # 2505	S
2. EPA-approved analytical procedures are identified on contract lab report.	S
3. Holding times being met by on-site and/or contract laboratory.	NE
4. Other:	

Notes:

This section was rated “satisfactory” due to checklist item 1 and 2.

STORM WATER **OVERALL RATING__U__**

1. a. Facility storm water discharges are covered under the facility's individual NPDES permit or the California General Permit for Storm Water Discharges Associated with Industrial Activity (NOI is available). b. If no, should the facility have submitted an NOI for coverage under the California General Permit for Storm Water Discharges Associated with Industrial Activity (NPDES CAS000001).	Yes
2. The facility had a storm water pollution prevention plan (SWPPP) available for on-site review.	NE
3. Pollutant sources (materials and practices) are adequately controlled (inside, undercover).	S
4. Appropriate BMPs deployed.	S
5. BMPs are being maintained (e.g., waddles and hay bales are intact).	S
6. Designated outfalls and sampling locations are identified.	U
7. Other: Storm water collection system	U

Notes:

- The Facility has a system to collect storm water in a 50,000 gallon tank and discharge to the sanitary sewer. The same system is used to collect wash water on-site. The system appeared operational. A boat was being washed near the travel lift. Water was going into an inlet. A pump could be heard at a different inlet pumping water to the storage tank. No discharge was visible to the receiving water. See photos 1, 2, 3, and 13.
- The Discharger submitted the attached Batch Discharge Authorization Request to the City of San Diego's Industrial Wastewater Control Program to obtain permission to discharge water from the tank to the sanitary sewer.
- According to reports submitted by the Discharger on June 3, and August 26, 2014, a 10,000 gallon collapsible storage bladder was included in the storm water containment system because it is needed to contain a 5-year, 24-hour storm of 2 inches. The storage bladder was not on-site during the inspection. The Discharger stated that the bladder had been moved to the Chula Vista facility.

This section was rated "unsatisfactory" due to checklist item 6 and 7.

Photo 1. Piping to 50,000 gallon storage tank on-site.

Photo 2. 50,000 gallon storage tank on-site.

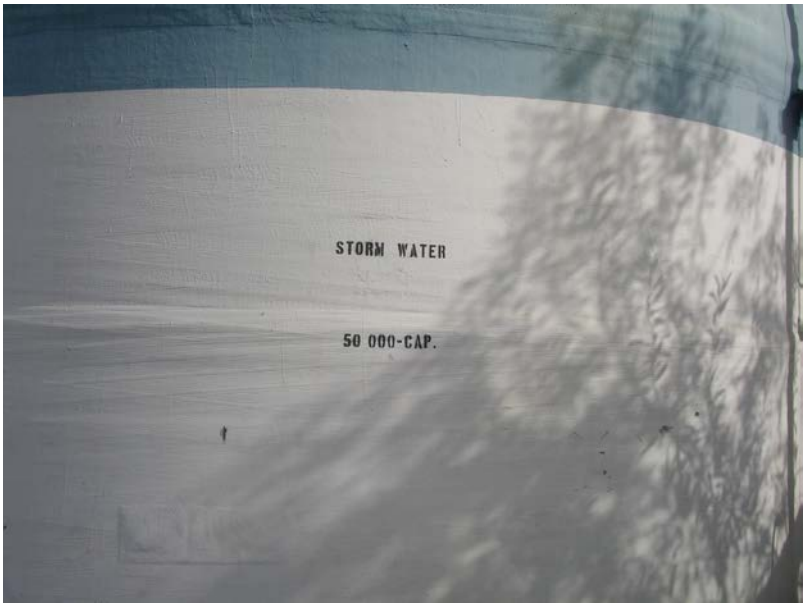


Photo 3. 50,000 gallon storage tank is labeled STORM WATER even though wash water also goes to this tank.

Photo 4. Metal shavings were visible outside of building where construction of ships occurs.

Photo 5. Close up of the metal shavings in photo 4.

Photo 6. This drum was labeled hazardous waste and had no secondary containment.

Photo 7. Close up of label on drum in photo 6.

Photo 8. Cubes of oily bilge water have secondary containment. There was some water in the secondary containment.

Photo 9. Close up of label showing hazardous waste, bilge water.

Photo 10. Secondary containment of bilge water cubes with water.

Photo 11. Hazardous waste drums on secondary containment. There was water in the secondary containment. A worker was adding material to the drum on the right with the funnel.

Photo 12. Water in secondary containment for drums in photo 11.

Photo 13. Boat being washed near travel lift pier. Water flowed into a catch basin. A pump could be heard pumping water to the 50,000 gallon tank.

BATCH DISCHARGE AUTHORIZATION REQUEST

Return completed form to: Industrial Wastewater Control Program - 9192 Topaz Way, San Diego, CA 92123
Phone: (858) 654-4100 Fax: (858) 654-4110

1. Company Name: Marine Group Boat Works	Industrial User Number: CV-13-0147 (If applicable)	
2. Contact Person: Jun Bautista	Phone: 619-427-6767	Fax: 619-427-0342
3. Facility Address: 997 G Street, Chula Vista, CA 91910		
4. Mailing Address (if different): Same		
5. Billing Address (for projects > 6,500 gal): 997 G Street, Chula Vista, CA 91910		
6. Describe Processes Generating Wastewater: Storm Water Accumulation		
7. List known or suspected contaminants in wastewater: Pb, Cd, Cr, Zn, TSS, Oil and grease, COD & Cu, Ni, Ph		
8. Volume to be discharged (in Gallons): 60,000	9. Proposed Maximum Flow Rate (GPM): 50 GPM	
10. Proposed discharge date(s): 01/13 /2016	11. Time(s): 10:00 am	

12. Describe proposed discharge point. Include address and map as needed: Sewer line at facility address

13. If discharge made to a manhole: ☒ Private ☐ City of San Diego* ☐ Other municipality:_____

***If discharged through a City of San Diego Manhole, a *Hold Harmless* Agreement is required; request form.**

14. Was this wastewater metered into your facility? ☒ No ☐ Yes: Water Account # _____

15. Is this wastewater subject to Federal categorical pretreatment standards?
☒NO ☐YES, Category:_____

If yes, the following signed certification is required: I certify that this wastewater complies with applicable pretreatment standards. It has not been diluted as a partial or complete substitute for adequate pretreatment.

Signature: _____ Date: _____

16. Describe any wastewater pretreatment methods used:

17. **Attach copy of lab analysis.** For hydrocarbon only contaminated wastewater, analysis must include: Oil & Grease (or TPH), Total Lead, Benzene, and Flash Point. For other wastewater, please contact the Industrial Waste Program for guidance prior to having the analysis performed. ***Samples used for analysis must be representative of the wastewater to be discharged.***

Analysis ID#: 160008-1, 160008-2

Applicant Name (Print): Jay Le	Date: 01/06/2015
Applicant Signature:	Title: EHS Assistant

FOR CITY USE ONLY

Approved by: _____ Supervising Inspector	Date:

Approval does not relieve the discharger of obligations regarding compliance with any and all applicable local, State, and Federal pretreatment standards or hazardous waste disposal requirements including any that may become effective after issuance of approval.

☐ Approval subject to compliance with Special Condition(s), see attached sheet(s). ☐ Limit flow to _____GPM

Activity # _____

BATCH DISCHARGE AUTHORIZATION REQUEST

Return completed form to: Industrial Wastewater Control Program - 9192 Topaz Way, San Diego, CA 92123
Phone: (858) 654-4100 Fax: (858) 654-4110

1. Company Name: Marine Group Boat Works	Industrial User Number: CV-13-0147 (If applicable)	
2. Contact Person: Jun Bautista	Phone: 619-427-6767	Fax: 619-427-0342
3. Facility Address: 1313 Bay Marina Dr., National City, CA 91950		
4. Mailing Address (if different): Same		
5. Billing Address (for projects > 6,500 gal): 997 G Street, Chula Vista, CA 91910		
6. Describe Processes Generating Wastewater: Storm Water Accumulation		
7. List known or suspected contaminants in wastewater: Pb, Cd, Cr, Zn, TSS, Oil and grease, COD & Cu, Ni, Ph		
8. Volume to be discharged (in Gallons): 50,000	9. Proposed Maximum Flow Rate (GPM): 50 GPM	
10. Proposed discharge date(s): 01/13 /2016	11. Time(s): 10:00 am	

12. Describe proposed discharge point. Include address and map as needed: Sewer line at facility address

13. If discharge made to a manhole: ☒ Private ☐ City of San Diego* ☐ Other municipality: _____

***If discharged through a City of San Diego Manhole, a *Hold Harmless* Agreement is required; request form.**

14. Was this wastewater metered into your facility? ☒ No ☐ Yes: Water Account # _____

15. Is this wastewater subject to Federal categorical pretreatment standards?
☒NO ☐YES, Category: _____

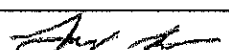
If yes, the following signed certification is required: I certify that this wastewater complies with applicable pretreatment standards. It has not been diluted as a partial or complete substitute for adequate pretreatment.

Signature: _____ Date: _____

16. Describe any wastewater pretreatment methods used:

17. **Attach copy of lab analysis.** For hydrocarbon only contaminated wastewater, analysis must include: Oil & Grease (or TPH), Total Lead, Benzene, and Flash Point. For other wastewater, please contact the Industrial Waste Program for guidance prior to having the analysis performed. ***Samples used for analysis must be representative of the wastewater to be discharged.***

Analysis ID#: 160008-3, 160008-4

Applicant Name (Print): Jay Le	Date: 01/06/2015
Applicant Signature: 	Title: EHS Assistant

FOR CITY USE ONLY

Approved by: _____ Supervising Inspector	Date:

Approval does not relieve the discharger of obligations regarding compliance with any and all applicable local, State, and Federal pretreatment standards or hazardous waste disposal requirements including any that may become effective after issuance of approval.

☐ Approval subject to compliance with Special Condition(s), see attached sheet(s). ☐ Limit flow to _____ GPM

Activity # _____

Analytical Chemical Labs Inc.
1123 West Morena Blvd,
San Diego, CA 92110-3853
Phone:(619) 276-1558
FAX: (619) 276-1581
e-mail: acl@chemist.com

CHAIN OF CUSTODY RECORD

ACL Work Order # 160008

Page 1 of 1

CLIENT NAME: Marine Group Boat Works
PROJECT: Storm Water
ADDRESS: 997 G St. Chula Vista CA 91910
PHONE #: 619-427-6767
FAX #: 619-427-0524
e-MAIL: Tina@marinegroupbw.com
PROJECT MANAGER: Jun Bautista
SAMPLER: Jay Le
P.O. # Verbal

JL 160008

LAB I.D. #	DATE SAMPLED	TIME SAMPLED	SAMPLE TYPE ★	SAMPLE DESCRIPTION	# OF CONT.	pH	Oil & grease	TSS	COD	Cd, Cr, Cu, Ni, Pb, Zn	REMARKS
~~160678-1~~	01/05/2016	2:31pm	WW	Storm water 997 G St.	1	X	X	X	X	X	
-2	01/05/2016	2:33pm	WW	"	1	X	X	X	X	X	
-3	01/06/2016	8:26am	WW	Storm water 1313 Bay Marina Dr.	1	X	X	X	X	X	
-4	01/06/2016	8:38am	WW	"	1	X	X	X	X	X	

ANALYSIS REQUESTED

SPECIAL HANDLING
- ☐ 3 - 4 Hours Rush TAT (plus 200%)
- ☐ Same Day Rush TAT (plus 150%)
- ☐ 24 to 36 Hours TAT (plus 100%)
- ☐ 48 - 72 Hour TATs (plus 50%)
- ☒ Regular TAT (5 business days)
- ☐ QA/QC Package

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY: Jay Le	DATE/TIME 01/06/2016 15:50	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME JAN 0 6 2016	RECEIVED BY:

O = AQ - Aqueous; NA - Nonaqueous; SL - Sludge; DW - Drinking Water; WW - Wastewater; GW - Groundwater; SO - Soil; SW - Solid Waste; AF - Air Filters; WP - Wipes; PT - Paint Chips; OF - Oil or Fuel; OT - Other

SAMPLE CONDITION:
- Precooled Y/N
- Preserved Y/N
- Evidence seals intact Y/N
- Preseved at Lab Y/N

DISPOSITION OF SAMPLES:
- Pick Up by client Y/N
- Return Y/N
- Dispose by Lab ** Y/N

** Extra charge added

SPECIAL REQUIREMENTS OR INSTRUCTIONS:

Analytical Chemical Labs, Inc.
EPA Reg. # CA01419 ELAP Cert. # 2505

Client: Marine Group Boat Works
997 G St.
Chula Vista, CA 91910
Attn.: Jun Bautista
Project Name: Storm Water
Purchase Order #: Verbal

Report Date: January 9, 2016
Received Date: January 6, 2016 15:50

Phone: 619-427-6767 **Fax:** 619-427-0324
Project #: *Item #:*
Regular TAT

Certificate of Analysis

Lab No: 160008-1 **Sample ID:** 1 **Matrix:** Storm Water
Sampled By: Jay Le **Date:** 01/05/2016 **Time:** 14:31 **Source:** 997 G St.

Parameter	Results	Units	DLR	Method	Analyzed
pH	7.16	pH	0.01	SM4500-H+B	2016/01/06
Oil & Grease	ND	mg/l	2	EPA 1664A	2016/01/07
Suspended Solids, Total (TSS)	26.8	mg/l	0.5	SM 2540 D-1997	2016/01/07
Chemical Oxygen Demand (COD)	84	mg/l	1	HACH 8000	2016/01/07
Cadmium	ND	mg/L	0.001	EPA200.7	2016/01/08
Chromium	ND	mg/L	0.004	EPA200.7	2016/01/08
Copper	0.612	mg/L	0.002	EPA200.7	2016/01/08
Lead	ND	mg/L	0.005	EPA200.7	2016/01/08
Nickel	0.007	mg/L	0.006	EPA200.7	2016/01/08
Zinc	0.554	mg/L	0.001	EPA200.7	2016/01/08

Lab No: 160008-2 **Sample ID:** 2 **Matrix:** Storm Water
Sampled By: Jay Le **Date:** 01/05/2016 **Time:** 14:33 **Source:** 997 G St.

Parameter	Results	Units	DLR	Method	Analyzed
pH	7.18	pH	0.01	SM4500-H+B	2016/01/06
Oil & Grease	ND	mg/l	2	EPA 1664A	2016/01/07
Suspended Solids, Total (TSS)	36.9	mg/l	0.5	SM 2540 D-1997	2016/01/07
Chemical Oxygen Demand (COD)	83	mg/l	1	HACH 8000	2016/01/07
Cadmium	ND	mg/L	0.001	EPA200.7	2016/01/08
Chromium	ND	mg/L	0.004	EPA200.7	2016/01/08
Copper	0.493	mg/L	0.002	EPA200.7	2016/01/08
Lead	ND	mg/L	0.005	EPA200.7	2016/01/08
Nickel	0.007	mg/L	0.006	EPA200.7	2016/01/08
Zinc	0.641	mg/L	0.001	EPA200.7	2016/01/08

Analytical Chemical Labs, Inc.
EPA Reg. # CA01419 ELAP Cert. # 2505

Certificate of Analysis (continue)

Lab No: 160008-3 **Sample ID:** 3 **Matrix:** Storm Water
Sampled By: Jay Le **Date:** 01/06/2016 **Time:** 08:26 **Source:** 1313 Marina Dr.

Parameter	Results	Units	DLR	Method	Analyzed
pH	**7.03**	pH	0.01	SM4500-H+B	2016/01/06
Oil & Grease	**ND**	mg/l	2	EPA 1664A	2016/01/07
Suspended Solids, Total (TSS)	**39.2**	mg/l	0.5	SM 2540 D-1997	2016/01/07
Chemical Oxygen Demand (COD)	**77**	mg/l	1	HACH 8000	2016/01/07
Cadmium	**ND**	mg/L	0.001	EPA200.7	2016/01/08
Chromium	**ND**	mg/L	0.004	EPA200.7	2016/01/08
Copper	**0.751**	mg/L	0.002	EPA200.7	2016/01/08
Lead	**ND**	mg/L	0.005	EPA200.7	2016/01/08
Nickel	**0.006**	mg/L	0.006	EPA200.7	2016/01/08
Zinc	**1.044**	mg/L	0.001	EPA200.7	2016/01/08

Lab No: 160008-4 Sample ID: 4 Matrix: Storm Water
Sampled By: Jay Le Date: 01/06/2016 Time: 08:28 Source: 1313 Marina Dr

Parameter	Results	Units	DLR	Method	Analyzed
pH	**7.04**	pH	0.01	SM4500-H+B	2016/01/06
Oil & Grease	**ND**	mg/l	2	EPA 1664A	2016/01/07
Suspended Solids, Total (TSS)	**50.7**	mg/l	0.5	SM 2540 D-1997	2016/01/07
Chemical Oxygen Demand (COD)	**76**	mg/l	1	HACH 8000	2016/01/07
Cadmium	**ND**	mg/L	0.001	EPA200.7	2016/01/08
Chromium	**ND**	mg/L	0.004	EPA200.7	2016/01/08
Copper	**0.763**	mg/L	0.002	EPA200.7	2016/01/08
Lead	**ND**	mg/L	0.005	EPA200.7	2016/01/08
Nickel	**0.006**	mg/L	0.006	EPA200.7	2016/01/08
Zinc	**1.052**	mg/L	0.001	EPA200.7	2016/01/08

Approved: Andrew Moroz, MSChE
Laboratory Director

ND = Not Detected
DLR = Detection Limit for Reporting
Any remanding sample(s) for testing will be disposed of two weeks from the final report date unless other arrangements are made in advance..

1123 West Morena Blvd. • San Diego, California 92110-3853
☎ (619) 276-1558, FAX (619) 276-1581, e-mail: acl@chemist.com