

3293 SANTO ROAD • SAN DIEGO, CALIFORNIA 92124 • TELEPHONE (858) 751-5755 • FAX (858) 751-5769

BOARD OF MANAGEMENT - 2011

KATHIE PORTMAN Chair CAPT DAVID R. GUEBERT, USNR 1st Vice Chair
CDR SANDRA DAVIDSON, USN (Ref.)
2nd Vice Chair
VADM TIMOTHY LAFLEUR, USN (Ref.) BOBBY ALLEN - Life Member Secretary

nn W. Baer, Jr. RADM Mark Balmert, USN (Rat.) Jim Bedinger CAPT Michael Caruso, USN (Ret.) James A. Chatfield II Beverly Conant F.A. "Fran" Derby Monika French monitia French
Ned Garrigues, M.D.
CAPT Peter F. Hedley, USN (Ret.)
RADM Leendert R. Hering, USN (Ret.)
William M. Heroman, M.D. Joal Hunt Gregory Johns Brian J. Lawler, Esq. Aynn McGuire Judy Myers FORCM Karen D'Gonnor, USN (Ret.) CAPT Peter Opeal, USN (Ret.) Victor Perez Christopher Pierce Dale Pursel CDR Michael I.Turner, USN (Ret.) COL Earl Wederbrook, USMC (Ret.) Pattie Wellborn RADM Guy Zefler, USN (Ret.)

Judge Earl Cantos Ann W. Evans CAPT Richard Evert, USN (Ret.) Judge David M. Gill E. Miles Harvey Lt. Col. R.E. McCreery, USMC (Ret.) VADM John W. Nyquist, USN (Ret.) T.M. O'Reilly John G. Rebelo, Jr. Robert E. Schmidt

CIVILIAN ADVISORY

Ben Acosta CAPT Michael Allen, USN (Ret.) Col. William R. Ball, USMC (Ret.) James Brayshay George Chamberlin VADM Walter Devis, USN (Ret.) ADM Leon A. Edney, USN (Ret.) Les Frazes J. Scoffeld Hage RADM BIII Kowba, SC, USN (Ret.) BG Wayne Hoffmann, USA (Ret.) CAPT John Kizer, SC, USN (Ret.) RADM John T. Lyona III, USN (Ret.) Richard S. McCune Julie Min Betty Mohlenbrock Leon Parma VADM R.E.Peet, USN (Ret.) ld G. Sadle RADM H.J.T. Sears, MC, USN, (Ret.)

Priscilla Sloss RADM Hugh L. Webster, USN (Ret.) MILITARY ADVISORY

RADM Patrick Brady, USN VADM DC Curtis, USN RDML Clinton F, Falson III, USN RADM William French, USN VADM Richard W. Hunt, USN CAPT Yancy B. Lindsey, USN CAPT Paul Marconi, USN VADM Allen G. Myers IV CAPT Gerald Seely, CHC, USN CAPT Ricky L. Williamson, USN HONORARY MEMBER

Mayor Jerry Sanders COUNSEL TO THE BOARD Alan Zuckerman, Esq.

EXECUTIVE DIRECTOR
CAPT Paul B. Steffens, SC, USN (Ret.)

July 25, 2011

Mr. David W. Gibson **Executive Officer** California Regional Water Quality Control Board - San Diego Region 9174 Sky Park Court, Suite 100 San Diego, CA 92123-4340

Order No.R9-2011-0022; Fireworks Discharges to Waters of United States CRU: 9 000002292 CIWOS Place ID: 767544

Dear Mr. Gibson,

In accordance with the Notice of Enrollment and NPDES permit provided on June 23, 2011, please find attached the certified "Post Fireworks Display Report & Log" for the five (5) locations of the Port of San Diego's Big Bay Boom July 4th Fireworks Show to benefit the San Diego Armed Services YMCA.

Please also find the list of "Best Management Practices" followed by the event operators, the report of the Patrol Boat Commander of the 16 boats that inspected the area for debris after the show, the report of the Executive Producer's inspection of the fall out zone the next morning and report filed by the Imperial Beach City Manager and Fire Inspector.

Please let me know if we are missing anything or if you need additional information to make the requirements of the permit complete.

H. P. "Sandy" Purdon, Executive Producer Port of San Diego's Big Bay Boom July 4th Fireworks Show

Enclosures

Sincerely







Port of San Diego Biq Bay Boom

An Independence Day Spectacular

July 4, 2011 · 9:00 P.M



ARMED SERVICES YMCA

MUNDHH

GENERAL PERMIT FOR PUBLIC DISPLAY OF FIREWORKS ORDER NO. R9-2011-0022 NPDES NO. CAG999002

ATTACHMENT C - PUBLIC DISPLAY OF FIREWORKS POST EVENT REPORT FORM

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN DIEGO REGION

POST FIREWORKS DISPLAY REPORT

This form shall be completed no later than thirty (30) days following a public display of fireworks event and made available to the San Diego Water Board upon request. Reports shall be submitted to the San Diego Water Board in accordance with the schedule outlined in Section X.B.3 of the Monitoring and Reporting Program.

Completed forms may be submitted electronically on compact disk or by hard copy to the San Diego Water Board office. The San Diego Water Board may accept electronic submission of this form (Check with the San Diego Water Board before submitting electronically).

Name of Organization Hosting the Ev	ent	WDID No.	
San Diego Armed	Services, ymcf	+ 0	1-000002292
Contact Person for Organization Host			
Name: Sandy Pardor			
Phone Number: (619) 822	-1177		
Email: HP Purdon D Co;	k.net		
Location of Event - Address and GP	S Coordinates		Name of Receiving Water(s)
MPERUAL BEAC	H PIER		PACIFIC GEEAN
Date of Display	Time of Display		
7/4/11	FROM 900 S.M	l to	G200.M
appropriate features of the firing range	e and adjacent affected or accident and upon w cent shorelines, quays	surface which firew	horelines, quays, and docks, any other water(s). The firing range is that area over york pollutant waste may fall. It includes not the fireworks fallout area.
1. Steve Liminero	1106	1181	-02
2.			
3.			1-11-7

GENERAL PERMIT FOR PUBLIC DISPLAY OF FIREWORKS ORDER NO. R9-2011-0022 NPDES NO. CAG999002

	Pa	rticulars	of Dis	play*	_/	Low Level	Items*	Grou	
Shell Size	No. Single Breaks	No. Multi Breaks	Shell Size	No. Single Breaks	No. Multi Breaks	Туре	Qty	Турв	Qty
25 mm			T			MINES		SETS	
80 mm			8*	16		ROMANS		DEVICES	
2"			9"			COMETS			
3*	650		10"	6		CAKES	25		
4*	240		11"						
5*	180		12"						
6"	140								1
matter a	ind debris fro	om Ignited	and un-ig	nited pyrote	echnic mate	water(s) inspecte erial within 24 hou	urs following	ned of particl g the display	liate >
	of debris coi	Provinced Sense	the firin		15 lbs	s dry weight.	NEO	Debris	7
	of floating do	ebris collec	cted from			-	wet weight	ve vi	,
under m properly manage accurate for subm	under penalt ly direction of gether and of the system of and compli- nitting false in	ty of lew the or supervision evaluate the or those di lete to the information	et the info ion in acc he informa irectly res best of m	cordance with ation submit sponsible for y knowledge g the possib	th a system tted. Based r gathering t e and belief bility of fine t	is application and designed to ansi f on my inquiry of the information, t I am aware tha and imprisonmen	ure that qua f the person the informal at there are	alified person n or persons tion submitted significant pe	nel who d is true

HHOW OUN / *

Printed Name: STEVEN M LAMMERDING	
Signature:	Date: JULY 20, 2011
Title: PYROTECHNIC OPERATOR	

*May attach a copy of the Pyrotechnic Operator Post Display Report submitted to the Office of the State Fire Marshall to satisfy this requirement.

GENERAL PERMIT FOR PUBLIC DISPLAY OF FIREWORKS ORDER NO. R9-2011-0022 NPDES NO. CAG999002

ATTACHMENT C - PUBLIC DISPLAY OF FIREWORKS POST EVENT REPORT FORM

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN DIEGO REGION

POST FIREWORKS DISPLAY REPORT

This form shall be completed no later than thirty (30) days following a public display of fireworks event and made available to the San Diego Water Board upon request. Reports shall be submitted to the San Diego Water Board in accordance with the schedule outlined in Section X.B.3 of the Monitoring and Reporting Program.

Completed forms may be submitted electronically on compact disk or by hard copy to the San Diego Water Board office. The San Diego Water Board may accept electronic submission of this form (Check with the San Diego Water Board before submitting electronically).

Name of Organization Hosting the Event SAN DIE GO AYLMCO SCEUCES YM	CA 9-00002292
Contact Person for Organization Hosting the Event Name: SANDY PURDON Phone Number: (619)822-1177 Email: HPPURDON @ CUX, UET	
Location of Event – Address and GPS Coordinates	Name of Receiving Water(s)
HARBOK ISLAND	SAN DIEGO BAY
Map. Attach a map or diagram identifying the firing rappropriate features of the firing range and adjacent a	ange, adjacent shorelines, quays, and docks, any other affected surface water(s). The firing range is that area over upon which firework pollutant waste may fall. It includes
1. Steve JEFRIES LICE	SE NO 1270-02
2.	
3.	

HHOW OWN

GENERAL PERMIT FOR PUBLIC DISPLAY OF FIREWORKS

ORDER NO. R9-2011-0022 NPDES NO. DAGRESO02

	Pa	articulars	of Dis	play*		Low Level	Items*	Grou	
Shell Size	No. Single Breaks	No. Multi Breaks	Shell Size	No. Single Breaks	No. Multi Breaks	Туре	Qty	Туре	Qty
25 mm			7"			MINES		SETS	
80 mm			8*	16		ROMANS		DEVICES	
2"			9"			COMETS			
3*	650		10"	6		CAKES	25		
4"	240		11"						
5"	180		12"						
6"	140				-				
matter a ☑ Yes ☐ No If no, ex	nd debris fr	om Ignited	and un-io	mited pyrote	echnic mate	water(s) inspecte rial within 24 hou	urs following	g the display?	,
Amount	of debris co	illected from	n the firin	g range:	75 lbs	dry weight 2	hege deg	Res)	
-	of floating of			adjacent su	irface water	(s):O_lbs v	vet weight	A	i,
under m properly manage accurate for subm	y direction of gather and the system of and comp nitting faise	or supervisi evaluate the or those di lete to the i information	ion in acc ne informative rectly res best of m , including	ordence with ation submit ponsible for a knowledge of the possib	h a system ted. Based gathering (a and belief dility of fine	s application and designed to ensi I on my inquiry of the information, to I am aware that and imprisonment e complied with.	ure that que f the persor he informat it there are	ailfied personi n or persons v tion submitted significant pe	nel who is true, nelties

FT: bT TTOZ /ZZ // 0

AUGUSI N SANIUKE JK

HHON DIN'N

ORDER NO. R9-2011-0022 NPDES NO. CAG988002

YALL BY

GENERAL PERMIT FOR PUBLIC DISPLAY OF FIREWORKS

Decreased Tide: Signature: Printed Name: ST&V E 5217/15

"May attach a copy of the Pyrotechnic Operator Post Display Report submitted to the Office of the State Fire Marshall to satisfy this requirement.

MEL'S FAX

BENERAL PERMIT FOR PUBLIC DISFLAY OF FIREWORKS NPDFS NO CAGREGOOS

ATTACHMENT C - PUBLIC DISPLAY OF FIREWORKS POST EVENT REPORT FORM

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN DIEGO REGION

POST FIREWORKS DISPLAY REPORT

This form shall be completed no later than thirty (30) days following a public display of fireworks event and made available to the San Diego Water Board upon request. Reports shall be submitted to the San Diego Water Board in accordance with the schedule outlined in Section X.B.3 of the Manitoring and Reporting Program.

Completed forms may be submitted electronically on compact disk or by hard copy to the San Diego Water Board office. The San Diego Water Board may accept electronic submission of this form (Check with the San Diego Water Board before submitting electronically).

Name of Organization Hosting th		WDID No.				
Sm DIEGO ARME	O SEQUICES	Frue 9-000002292				
Contact Person for Organization	Hosting the Event:	-				
Name: SANDY PULO		100				
Phone Number: 619 82	2-1177					
Email: hppurdun@c						
Location of Event - Address and		Name of Receiving V	Veter(s)			
SHELTER I SLAM		SAN DIEGO	BAY			
Date of Display	Time of Display					
7/4/11	FROM 9:00	M to 9:20 P.M				
appropriate features of the firing which fireworks may travel by de	range and adjacent affer sign or accident and upo edjacent shorelines. Gu	adjacent shorelines, quays, and docted surface water(s). The firing range in which firework pollutant waste may tys, docks and the fireworks fallout era	le that area over			
1 44 / /	1	7				
Medvin Goo	denough	2537-02				
2.						
3.						

07/20/2011 08:45 FAX 9168319583 MEL'S FAX

Ø002

GENERAL PERMIT FOR PUBLIC DISPLAY OF FIREWORKS

ORDER NO. R9-2011-0022 NPDES NO GAGRESOCE

	Pa	rticulars	of Disp	olay*		Low Level	Items*	Displ	
Shell Size	No. Single Breaks	No. Multi Breaks	Shell Size	No Single Breaks	No. Multi Breaks	Type	City	Туре	Qty
25 mm			7			MINES	1	SETS	
80 mm			8"	1/10		ROMANS		DEVICES	
2"			9"			COMETS			
3	650		10"	16		CAKES	25		
4"	240		117						
5"	180		12"						
6	1140	T							
Were the frework matter a No Yes	e entire firing s fallout eres and debris fir Da	g range (in a), barge(som ignited	cluding the sed on and un-ig	ne fireworks) and adject gnited pyrote	launching in the second control of the secon	eres, adjacent of water(s) Inspects and Within 24 hor	ed and clear urs followin	ned of partic	date
Amount	of debris co	fleated from	n the finn	g range:	15 lbs	dry weight			
I certify under m properly menage accurate for subm	2 las dry v under penell y direction of gather and the system a and compi sitting faise is	veight (if kn by of law th or supervision evaluate II or those of lete to the	nawn) at the infe ion in acc ne informational trectly res best of m includin	ermation are ordance wit etion submit bonsible for y knowledge gifte possib	ovided in the thing system thed Bases rigethering a and belief	is application and designed to enal designed to enal information, it is a sware the and imprisonment of compiled with.	d all attachi ure that qui f the persoi the informa	alified persons n or persons tion submitted significant	nel who I is true,

07/20/2011 08:45 FAX 9166319583

MEL'S PAX

图003

GENERAL PERMIT FOR FUELIC DISPLAY OF FIREWORKS

ORDER NO. 95-2011-0022 NPDES NO. CAGGGG002

L'EST VIII	L Goodenough Ir	
Signature /	and it	Dete: 7 - 12-//
John & she	vic Operator # 2537 -	

"May attach a copy of the Pyrotechnic Operator Post Display Report submitted to the Office of the State Fire Marshall to satisfy this requirement.

HHON/OHH

GENERAL PERMIT FOR PUBLIC DISPLAY OF FIREWORKS ORDER NO. R9-2011-0022 NPDES NO. CAGG99002

ATTACHMENT C - PUBLIC DISPLAY OF FIREWORKS POST EVENT REPORT FORM

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN DIEGO REGION

POST FIREWORKS DISPLAY REPORT

This form shall be completed no later than thirty (30) days following a public display of fireworks event and made available to the San Diego Water Board upon request. Reports shall be submitted to the San Diego Water Board in accordance with the schedule outlined in Section X.B.3 of the Monitoring and Reporting Program.

Completed forms may be submitted electronically on compact disk or by hard copy to the San Diego Water Board office. The San Diego Water Board may accept electronic submission of this form (Check with the San Diego Water Board before submitting electronically).

Name of Organization Hosting the Eve	nt WDID	No.
SAN DIEGO FRANCOS	ERVICE MICA C	1-000002292
Name: SANDY PURDON Phone Number: (6 M) 82Z - 10 Email: HPPURD IN C COX	TIN NET	
NORTH EMBARCAPER		Sim Dices Bay
Date of Display	Time of Display	to 9:20P.M
appropriate features of the firing range	and adjacent affected surfi r accident and upon which ent shorelines, quays, dock	nt shorelines, quays, and docks, any other ace water(s). The firing range is that area over firework poliutant waste may fall. It includes as and the fireworks fallout area.
1. PAUL SPEIGHT	LICENSE NO	2955-02
3.		

HHON/NOHH

GENERAL PERMIT FOR PUBLIC DISPLAY OF FIREWORKS ORDER NO. R9-2011-0022 NPDES NO. CAG999002

	Pai	rticulars	of Dis	play*		Low Level	Items*	Grou	41
Shell Size	No. Single Breaks	No. Multi Breaks	Shell	No. Single Breaks	No. Multi Breaks	Туре	Qty	Туре	Qty
25 mm			7"			MINES		SETS	
80 mm			8"	16		ROMANS		DEVICES	
2"			9"			COMETS			
3"	650		10"	6		CAKES	25		
4*	240		11"						
5*	180		12*						
6"	140								
Yes No	Da		1 1			rial within 24 hou		a nie giabità	
If no, ex	plain:								
Amount	of debris coll	lected from	the firm	g range:	lbs	dry weight			-
Amount D		abris collections and the collections are collected as the collection and the collections are collected as the collection are		adjacent su	irface water	(s):lbs v	vet weight		
under m properly manage accurate for subm	y direction or gether and a the system o , and comple itting false in	r supervision supervision supervision thought the supervision to the later to the later metion.	on in acc ne informa rectly res best of my including	ordance with ation submit ponsible for y knowledge g the possib	h a system ted. Based gathering t and belief tillty of fine t	s application and designed to ensu- l on my Inquiry of the Information, It I am aware the and Imprisonment e complied with.	ire that qui the persoi he informa t there are	elified person n or persons v tion submitted significant pe	nel vho I Is true naliles

HONONNI

ORDER NO. R9-2011-0022 NPDES NO. CAG989002

PAGE IS

GENERAL PERMIT FOR PUBLIC DISPLAY OF FIREWORKS

CPETERTOR Title: Signature: 1+191385 Printed Name:

Fire Marshall to satisfy this requirement. "May attach a copy of the Pyrotechnic Operator Post Display Report submitted to the Office of the State

HHOW OWN

CENERAL PERMITTION PUBLIC DISPLAY DEFIREWORKS

9086652442

CROSS NO. R8-2311-3022 NPCES NO. CAG999002

ATTACHMENT C - PUBLIC DISPLAY OF FIREWORKS POST EVENT REPORT FORM

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN DIEGO REGION

POST FIREWORKS DISPLAY REPORT

This form shall be completed no later than thirty (30) days following a public display of fireworks event and made available to the San Diego Water Board upon request. Reports shall be submitted to the San Diego Water Board in accordance with the schedule outlined in Section X.B.3 of the Monitoring and Reporting Program

Completed forms may be submitted electronically on compact disk or by hard copy to the San Diego Water Board office. The San Diego Water Board may accept electronic submission of this form (Check with the San Diego Water Board before submitting electronically).

Name or Organization Hostin	g the Event	WOID NO.			
SAN DIEGO ARMED	SERVICES YHICH	9-00002292			
Contact Person for Organiza Name TANDY PURDON Phone Number: 69 - 822 Email: hppurton@ cox Location of Event - Address	.net		Name of Receiving Waters)		
JOUTH EMBARCAD		44	SAN DEGO BAY		
Date of Display	FROM 9:00 p		7:20 p.M.		
appropriate features of the fir	ing range and adjacent affect design or accident and upo	cted surface on which firev	norefines, quays, and docks, any other water(s). The firing range is that area ove work pollutant waste may fall. It includes not the fireworks fallout area		
Name and License No. of Pyr			Tree, wildly, pt.		
DAVID DE FABLO L	ICEMDE No. 1158.02				
MEL GOODEHOUCH	LICENSE No. 2537.0	2			
STEVE LAMMEROW	G LICENSE No. 1181 -	Sa			
4. PAUL SPEIGHT 40					
S STEVE JEEFERST .	100 M W 1270.07				

Attachment C - Notification of Fireworks Event

HHOM/OUN/A 9.1 .

GENERAL PERMIT : OP

ORDER NO. RE-2011-0322 NPOES NO. CAGGODIAN

	Pai	ticulars	of Dis	play*	-	Low Level	Items*	Grou	
Shell Size	Nc. Single Greaks	No. Multi Breaks	Shell Size	No Single Breaks	No. Multi Breaks	Туре	Qty	Туре	Oty
25 mm			7*			MINES		SETS	-
80 mm			8	16		ROMANS		DEVICES	
Ζ*			9'		-	COMETS			1
3*	650		110	16		CAKES	25		
4"	240		11"						
5"	180		12*						1
8"	1140								
firework	s fellout area nd debris fro Da); barge(s m ignited	if used and un-ig	and adiacs	ent surface echnic mate	area, adjacent sh water(s) inspecte idal within 24 hou	d and clea	ned of partici	ulate
	-64 1 5 10				16	daymak			
Amount	of floating do	ebris coile	cted from			dry weight	vet weight		
under m properly menage unourate for supn	y direction of gather and of the system of and completing false in	r supervisi evaluate ti or ihase ti ete to the i nformation	on in acc ne informi really res best of m includin	ordance will ation submit sponsible for y knowledge g the possib	th a system tred. Based r gathering e and belief bility of fine	is application and designed to ensure for my inquiry of the Information, it is am aware the and imprisonmer e complied with.	ure that qui I the perso he informa I there are	alilied person n or persons tion submitte significant pe	inel who o is mis onsities

Attachment C - Notification of Fireworks Event

C-2

07/20/2011 00:31

C.3

925--827-4918

FEDEX OFFICE 5118

Attachment C - Notification of Fireworks Event

PAGE 04

FT:bT TT07.777.779

AL SURY

CHOCK NO RESTOR TOURS

ALL ENUINES IN TEUDURE JR

ZDDZGGGZ

PLUS OBSILAY OF FIREWORKS

HHON ON Y

"May attach a copy of the Pyrotechnic Operator Post Display Report submitted to the Office of the State MEDIECHAL CHURTOR .무대1 H/H/LateO DAVID DE FABIO PRINTED NATION

Fire Marshall to satisfy this requirement

GENERAL PERMIT FOR PUBLIC DISPLAY OF FIREWORKS

V. DISCHARGE SPECIFICATIONS

A. Effluent Limitations - Not Applicable

B. Fireworks Best Management Practices Plan (FBMPP)

The Discharger shall prepare and implement a Fireworks Best Management Practices Plan (FBMPP) to prevent or reduce the discharge of pollutants associated with the public display of fireworks. The FBMPP shall address, at a minimum, the following elements:

- Whenever practicable and economically feasible, the Discharger shall
 consider the use of alternative fireworks produced with new pyrotechnic
 formulas that replace perchlorate with other oxidizers and propellants that
 burn cleaner, produce less smoke and reduce pollutant waste loading to
 surface waters.
- Whenever practicable and feasible, the Discharger shall design the firing range, or consider alternative firing ranges, to eliminate or reduce residual firework pollutant waste discharges to waters of the United States.
- 3. As soon as practicable, and no later than 24 hours following a public display of fireworks, the Discharger, in addition to complying with title 19 of the California Code of Regulations, section 1003, shall, to the extent practical, collect, remove, and manage particulate matter and debris from ignited and un-ignited pyrotechnic material including aerial shells, stars (small pellets of composition that produce color pyrotechnic effects), paper, cardboard, wires and fuses-found during inspection of the entire firing range and adjacent affected surface water(s).
- 4. If the fireworks are launched or ignited on barges or floating platforms, the fireworks and fireworks equipment shall be setup, discharged and taken down in accordance with the laws and regulations applying to that display by a public display operator licensed by the State of California. All required permits, licenses and approvals shall be obtained from the authorities having jurisdiction over the fireworks display, and the parties responsible under applicable law and regulation shall comply with the requirements and conditions of those permits and licenses. All equipment used to hold and launch the fireworks shall be secured properly in accordance with applicable laws and regulations and in such a way as to minimize the risk that the equipment and fireworks would fall into the water. Barges and floating platforms shall be inspected for leaks and other potential safety issues. Other than system firing cables and common or grounding wires intended to be recovered after the display, electric igniter wires used to trigger the fireworks shall be secured to minimize the risk that the wires would fall into the water during or after the discharge. As soon as practicable, and no later than 24

Item No. 6
Supporting Document No. 2
TENTATIVE ORDER NO. R9-2011-0022
NPDES NO. CAG999002

GENERAL PERMIT FOR PUBLIC DISPLAY OF FIREWORKS

hours following a public display of fireworks, the decks of each barge or floating platform that contained fireworks shall be raked or swept to gather fireworks debris and prevent it from being deposited into the water.

- 5. Immediately following a public display of fireworks, all hazardous fireworks waste, including duds, resulting from the set-up, firing, and strike of the public display, including live pyrotechnics waste, shall be handled and managed in accordance with applicable fireworks and hazardous waste laws and regulations.
- All non-hazardous solid waste resulting from the set-up, firing, and strike of the public display, including wires, boxes, and packaging, shall be collected to the extent practicable and properly disposed of.
- 7. Fireworks shall be packaged, transported, stored, set-up, and handled in accordance with California Code of Regulations, Title 19, Division1, Chapter 6, Fireworks and Title 22, Chapter 33, Best Management Practices for Perchlorate Materials in order to prevent or minimize firework pollutant wastes from entering surface waters.
- Residual firework pollutant waste discharges shall be located a sufficient distance from areas designated ASBS to assure maintenance of natural water quality conditions in these areas, except as provided in Section VII.C.2, Special Provisions for Discharges into La Jolla and Heisler Park ASBS of this Order.

C. Public Fireworks Display Log

The Discharger shall maintain a written log for each public fireworks display event. The log shall be completed within 5 days following each public fireworks event and shall be made available to the San Diego Water Board upon request. The log shall contain the following information:

- The name of the organization sponsoring the fireworks event, together with the names and license numbers of the pyrotechnic operators actually in charge of the display;
- 2. The date, time, and duration of the public fireworks event;
- 3. The location of the public fireworks event;
- 4. The affected receiving waters;
- 5. Certification that the FBMPP was fully implemented; and

MUNDHAM !

BEST MANAGEMENT PRACTICES TO PROTECT WATER QUALITY DURING FIREWORKS EXHIBITS OVER SAN DIEGO BAY

- Fireworks displays over San Diego Bay will be conducted from barges stationed in the main harbor channel at Seaport Village, the Embarcadero, Harbor Island, and Shelter Island. A 300-yard minimum safety-exclusion zone will be established around each barge. Public access will be prohibited in this zone, and neither spectators nor occupied vessels not containing fireworks technicians will be allowed within the area during the time the fireworks are being fired.
- 2. The fireworks displays on the barges will be set up at a loading facility yard in accordance with the requirements and under the supervision of the San Diego Fire Department. The "mortars" used to launch the fireworks will be nailed to the barge with wood, and larger mortars will be placed in sand in accordance with local codes.
- The barges will be inspected for leaks and other potential safety issues. All debris including fuses, wires, and wrappings will be properly disposed in trash receptacles as the display is set up.
- The fireworks will be loaded on the barges in their DOT-approved shipping cartons.
 There will be no loose compounds as the fireworks will be encased in paper wrappers.
- The wires used to trigger the fireworks will be secured on the barges to prevent the wires from being pulled into the air and falling into the water. These wires are connected to the computer firing equipment modules via wire cables that are expensive and so are reused for future shows.
- 6. Once the fireworks preparation is complete, all debris including water bottles, paper wrappers, cardboard shipping boxes, plastic, and other materials will be removed from the barge and properly disposed. This will remove excess items that could cause an unwanted fire on the barge, and prevents debris from blowing into the water. No loose material will be allowed on the barges during the show
- When the show is over, the fireworks operators will observe a cool down or safety period of at least 20 minutes.
- 8. After the cool down period expires, the fireworks operators will check the mortars and surrounding areas on the barges for any safety issues. Once the site is deemed safe, the operators will immediately pick up large debris from and sweep the decks of each barge to prevent debris and other solid waste from blowing into the water. The barges will be returned to the loading/setup yard facility to be further cleaned and to have the mortars removed.

NY MONTHOHH

- Following each fireworks display, a cleanup crew will conduct several sweeps of the fireworks detonation zone (FDZ) to gather floating debris from spent fireworks using hand held fishnets or pool skimmers.
- Unexploded fireworks, including unexploded components, will be collected, handled, and disposed of by the fireworks vendor.
- 11. The morning after the fireworks display, the FDZ will be checked for debris again. In addition, adjacent shorelines, quays, and docks will be checked for debris, and any cardboard, paper, or other debris will be removed. The water surface also will be skimmed for debris using the Port of San Diego's "Alligator" Water Sweeper. The Navy also has been requested to skim in areas that it controls.

HHOW DWY

Barge setup, preparation, discharge and cleanup practices

This is not meant to be an all inclusive list of every step or measure that is taken as sometimes weather conditions require variation of certain procedures as they pertain to safety of the pyrotechnic operators. However, as a general practice the following shall serve as an outline of our typical procedures for a barge fired display.

- Barges are setup at loading facility yard in accordance with permits and supervision by governing fire officials. All fireworks mortars are nailed with wood and large mortars are placed in sand in accordance with local codes.
- The fireworks are brought to the barge and loaded on in their DOT approved shipping cartons and are prepared for loading. There are no loose compounds as the fireworks contents are encased in paper.
- 3. The fireworks are loaded and the electric match is placed in the fireworks fuse. The wire from the electric match is wrapped around the nails that are installed to set up the racks. The purpose of this is to prevent wires from being ripped out and cause technical problems and it also serves to prevent wires from being pulled into the air and thrown into the water. These wires are connected into our computer firing equipment modules via wire cables. These cables are expensive and we re-use them so all of this material is located on the barge and does not ever become an issue or impact to the environment.
- 4. Once the fireworks are prepared all debris is removed from the barge while it is the setup yard. That means all water bottles that were drank by workers, paper wrappers, cardboard boxes the fireworks were shipped in, plastic, etc. are removed prior to the barge being moved into position. This is to prevent any excess items that may cause unwanted fire on the barge and to prevent any random debris from blowing into the water.
- 5. When the barges are prepared for towing they will be brought into position and ready for firing. There is no loose material on the barges during this time that has any impact. All installations are in place. Once the show is being fired it is absolutely not permitted to enter the firing zone as it is too dangerous and prohibited by law in many jurisdictions. Whether it is law or not, it is plainly our procedure to not risk our technicians. There is nothing that can be done to gather any of the casings and paper that may be present during the discharge of the fireworks. Once the show is over our operators observe the necessary prescribed cool down or safety period, typically 20 to 25 minutes in most jurisdictions. During this time period, we do not allow anyone into the site for safety nor is it permitted.

HON WIN'

6. After the cool down period expires, our operators must first check the mortars and surrounding areas for any issues. Once the site is cleared, the operators can then immediately focus on picking up large debris to prevent it from blowing into the water. The barges will then be brought back into the loading/setup yard facility to be cleaned and have the mortars removed. The process is complete at that time.

HHOW WORL

7/21/2011

Email declaration from Bob Ehlers, Volunteer Patrol Boat Commander Head of 16 volunteer patrol boats that provided security and BMP clean up for the four (4) barges in north San Diego bay on July 4th and the Big Bay Boom.

"As sponsor boat coordinator I was the designated focal point for the boats before, during and after the display. I asked all sponsor boat to scan the waters around their assigned areas for any fireworks debris. If any debris was spotted and or retrieved I was to be notified by either phone or Email. I received nothing to indicate that any debris was located. I personally was on station at the Harbor Island barge for 10 minutes before escorting that barge back to the Coronado Bridge. While waiting to escort my barge, I had that time to search for debris and I also saw nothing out of the ordinary."

Robert Ehlers Volunteer Patrol Boat Commander

Bob Ehlers (<u>robertehlers6@cox.net</u>) 619-248-8198 August.

BIG BAY BOOM JULY 4TH FIREWORKS SHOW

Inspection of Fireworks Barge Locations

July 5, 2011

Date:

July 5, 2011

Time:

0800 - 0900

Subject:

Inspection of fallout areas around the four barges of the Big Bay Boom

July 4th Fireworks Show

Report:

At 0800 on the morning of July 5th, 2011, the Big Bay Boom Fireworks Show Producer, H. P. "Sandy" Purdon, and San Diego Yacht member, Rick McElvain, took the latter's

vessel to the four locations of the Big Bay Boom barges on San Diego Bay.

Each area of where the barges were located the night before for the Big Bay Boom July

4th Fireworks Show was inspected visually for debris.

Conclusion:

After close inspection of these areas, there was no debris found in any of the areas of

interest.

Verification:

H. P. "Sandy" Purdon

Executive Producer/Founder

Big Bay Boom July 4th Fireworks Show

July 5, 20011

Date

IMPERIAL BEACH FIRE DEPARTMENT FIREWORKS POST DISPLAY REPORT

July 19, 2011

DISPLAY LOCATION: IMPERIAL BEACH PIER, Evergreen Ave., Imperial Beach Ca 91932

DISPLAY DATE: JULY 4, 2011

DISPLAY CONTRACTOR: GARDEN STATE FIREWORKS

PYROTECHNIC OPERATOR: Steve Jeffries CSFM 1270-02 # 1223-02

AUTHORITY HAVING JURISDICTION:

THOMAS SANTOS, FIRE INSPECTOR II, IBFD

DISPLAY START TIME 21:03 DISPLAY END TIME 21:25

> "Defective Shell" definitions: TERM DEFINITION

Detonation The entire shell and lifting charge explode at the bottom of the mortar.

Detonation should not be confused with a "Flower Pot" or "Mine" for the following reasons:

- (1) There is no shower of stars and burning materials;
- (2) The entire shell and lifting charge are consumed in one instantaneous explosion.

Dud A pyrotechnic item that leaves the mortar and returns to earth without producing the intended burst or effect.

Flower Pot A shell (not a lifting charge) that explodes at or near the bottom of a mortar blowing a shower of stars and burning materials into the air.

Low Break The shell explodes below the prescribed height.

Low Burst The shell explodes below the prescribed height.

Misfire A pyrotechnic item that fails to function as designed after initiation.

Muzzle Burst The process of an aerial shell breaking or bursting just as it leaves the mortar, scattering stars and burning material.

NOTED DEFECTIVE SHELLS

Detonation 0

Dud 0

Flower Pot 0

Low Break/ Low Burst 0

Misfire 0

0

Muzzle Burst



IMPLKIAL BLACH FIRE DEPARTMENT FIREWORKS POST DISPLAY REPORT

1105,41 yluk

DISPLAY LOCATION: IMPERIAL BLACH PIER, Evergreen Ave., Imperial Broch Co 91942
DISPLAY DATE: JULY 4, 2013
DISPLAY CONTRACTOR: GAPDEN STATE FIR: WORKS
PY "OTECHNIC OPERATOR: Stave Julyings CSFM 1270-02 # 1223-02
ALITHORITY HAVING JURISPICTION:
THOMAS SANTOS, FIRE INSPECTOR II, 16FD

DISPLAY START TIME 21.03 DISPLAY END TIME 21.29

*Det cove Smill deficiency TELM DEPINITION

Detains non The critics shell and ulting that se explicit, at the hallott of the mortal Letains con should not be confined with a "Flower Pot" or "Mine" for the following materials to there is no shower of start and huming materials.

the entire she is a lifting charge are consumed in constant cour exchance

Olid A pyrotechnic item that leaves the moster of return at our lightest and magthe oriended usist or effect.

Thewer Pot A shell first a lifting marger, that expledes at on lear time officer of a recitar lowing a shower of site and the nine material, into the sar,

Low Break This shall explode surface the prescribed height Low Burst The shall explodes ballow the prescribed height

Misting A nyords and make lands to Congruence designed are inclined as

Muzzin Burst for an esset of an arrial shall breaking or prosting just as it leaves to meeter out one to the start for the start of the

NOTED DEFECTIVE SHELLS

Detonation	0
	0
Hower Pet	n
cow Brenk/ Low	0 to 08
shifted	()

Muzzle Burst

W GIO NOHH

Fire: (2) Separate incidences

Area of origin, packaging and related materials from "cakes" used in the display. Spot fires were both isolated to the paper/ cardboard and did not transmit to the pier decking. Fires were extinguished by the licensed technician using portable water fire extinguishers.

Applying a foil barrier under cakes may reduce the chance of damaging the pier decking in the future.

Site management

Prior to event:

Lifeguards were effective informing the public of the requirements both on the shoreline and the 1'000 foot fallout zone. The display only / firing line portion of the pier was accessed by 1 member of the public. The recommendation is that the fireworks display permit holder shall be responsible to post an individual to maintain security of the main access gate.

Site cleanup is the responsibility of Garden State Fireworks and was verified by public works 7/5/2011.

During the event:

The display only / firing line portion of the pier was accessed by 1 member of the U.S. Border Patrol who was responding to "jet skis" (later determined to be our Lifeguards on PWC's). The officer ran far beyond the firing control panel and over the wiring serving the devices. This action may have ended the display or could have potentially created a condition causing all devices to fire at once. The recommendation is to include affected local agencies in the I.A.P.

Overall assessment:

This event has steadily increased in attendance size and due to the disproportionate amount of motor vehicle congestion and foot traffic on all major streets additional resources may be needed to address traffic control.

The addition of lighted buoys or similar devices may serve as better guide for the Lifeguards monitoring the event fallout zone.

Tom Santos

Fire Inspector II, Plans Examiner
Imperial Beach Fire Department
865 Imperial Beach Blvd.
Imperial Beach, CA 91932
Phone: (619) 628-1392 - Fax: (619) 628-1489
tsantos@cityofib.org - www.cityofib.com

7/19/11

Report from Gary Brown, City Manager, City of Imperial Beach:

Capt. Stabenow has also told me that Public Works and Chief Clark verified that the clean-up on the Pier was satisfactorily done by the fireworks company. We don't have any weights of materials.

Fire: (2) Separate Incidences

Area of origin, parkaging and inlated materials from "calon" used in the display ispot (in a were both isolated to the paper) cardboard and dignot transmit to the pier origing. Fires were extinguished by the licensed technician using portable water fire extinguishers.

Applying a rull barrier under cakes may reduce the chance of damaging the pier decking in the future.

Site management

Prior to event:

Lifeguards were effective informing the public of the requirements both on the shortline and the 1 '000 foot infloot zone. The display only / firing line portion of the pier was acrossed by 1 member of the public. The recommendation is that the fireworks display permit holder shall be responsible to post an individual to maintain security of the main access gate.

Site cleanup is the copporability of Garden State Freworks and was verified by public works (15/2011).

they end acts

The display only / firing fine part on of the pier was accessed by 3 member of the U.S. Border Patrol who was responding to "jet skis" (later determined to be our Lift guards on PWC's). The officer ran far beyond the Lifting control page and over the wiring serving the devices. This action may have ended the display or could have potentially created a condition causing all devices to line at once. The recommendation is to include afficied local agencies in the LA.P.

Overall accordanceuts

This event has stead by increased in attendance size and due to the distroportionate amount of motor vehicle congression and foot traffic on all major streets additional resources may be needed to address traffic control.

The addition of lighted buoys as similar devices may serve as better guide for the Lifeguards monitoring the event fallow rane.

Tom Santey

Fire Inspector II, Plant Fractions Impérial trach for Department 865 imperial Beach Blvd.

mperior neach CA 91932

Phu (1(619) 6/8 1392 (a) 16/01/618-1489

nds direction show all breath stream in quees,

7/19/11

Report from Gary Brown, City Number, Sity of Impr. (al Beach:

Capt. Stabenow has also told me that Public Works and Chief Clark verified that the clean-up on the Pier was stitifactorily none by the firework company. We don't have any weights of materials.