Central Texas Coastal Area Contingency Plan (CTCACP)

Surface Washing Agent Preauthorization

> Annex 7a May 2022

Record of Changes

Change Number	Change Description	Section Number	Change Date	Name
1	Converted ACP Section 3253 to Annex 7a	All	Mar 2022	Todd Peterson, CGD 8
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1000 Introduction

1100 Purpose

This document was prepared to assist the U.S. Coast Guard Federal On-Scene Coordinator (FOSC) with utilizing surface washing agents (SWA) with preauthorization in the following five port locations:

- Upper Houston Ship Channel (including Barbour's Cut)
- Bayport Ship Channel
- Freeport
- Texas City Ship Channel
- Galveston Channel

This preauthorization is only for the use of these agents on vessel hulls and hard structures in these areas.

1200 Background

SWAs are chemicals that are used to enhance oil removal from hard surfaces. They generally contain a mixture of a non-polar solvent and a surfactant. The solvent dissolves into the highly viscous or weathered oil to create a less viscous and somewhat uniform liquid oil or oily mixture. The surfactant reduces the interfacial tension between the liquid oil and the surface the oil has adhered to. Depending on environmental conditions and the combination of solvents and surfactants, the removed oil will either float or disperse. The latter may have a negative environmental impact, making SWAs with the "*lift and float*" characteristics generally preferable.

SWAs cannot be used unless they are listed on the NCP Product Schedule. SWA use is preauthorized by RRT-6 for "*lift and float*" products <u>only</u> for locations pre-identified within the Area Contingency Plan. For the most up-to-date policy, procedures and checklists when using SWAs within the RRT-6 coastal zone please refer to RRT-6 Surface Washing Agents (SWAs) Policy, <u>Annex 23</u> of the RRT-6 RCP. The policy outlines the requirements for all aspects of pursuing preauthorization; the parameters for an incident where the FOSC does not have preauthorization (Section 5); expectations for utilizing SWA under a preauthorization (Section 6); monitoring forms (Enclosure 3); and After Use reports (Enclosure 4).

In 2014, the Central Texas Coastal Area Committee obtained preauthorization for the use of SWAs in five port locations (Figures 1-4). <u>Section 6000</u> provides the correspondence among the Services (U.S. Fish and Wildlife Service and National Marine Fisheries Service) during the Endangered Species Act and Essential Fish Habitat consultation process for establishing this preauthorization. During the process, it was determined that no specific areas within the boundary require additional restrictions. However, coordination through the Incident Command System Environmental Unit (if established) or resource coordinators engaged in the response would ensure proper safety precautions are utilized. For example, if there is an adjacent fringing marsh habitat, additional containment boom might be recommended.

Alternatively, isolation distances from an identified sensitive habitat would be created. Given the complexities of oil spill cleanup, the workgroup desired to maintain a degree of flexibility and develop restrictions and/or additional safety precautions on a case-by-case basis. It was also determined that riprap would be considered a hard structure suitable for the use of surface washing agents <u>only</u> if there is consensus from the Environmental Unit (if established) and resource agency personnel engaged in the response.

2000 Area Characterization

The five preapproved areas are located within industrial areas with relatively few natural resources that are considered highly sensitive with respect to the use of surface washing agents. The shorelines in the proposed preapproval area are dominated by hard man-made structures (including riprap) with some smaller isolated marshes, mixed sand and gravel beaches, and scarps. Section 5000 provides Resources at Risk (RAR) analysis for the proposed area. Identified in the RAR are threatened/endangered species (piping plovers) that reside or frequent the area to feed.

3000 Minimum Requirements for Preauthorized Use

In addition to the requirements in the RRT-6 Policy, the following outlines the minimum requirements that the FOSC must consider when approving the use of surface washing agents.

- Ensure public safety. This has not been an issue in past responses since the public is generally excluded from cleanup areas. Regardless, ensuring public health and safety is the basic premise for any response action.
- The location where surface washing agents are to be used is within the preauthorized zones (Figures 1-4).
- Consultation with the Environmental Unit (if established) or natural resource protection managers to determine if any additional restrictions or additional safety precautions are required in the proposed operation. Such consultation would also be required for any cleaning of riprap to evaluate if response trade-off is appropriate.
- Ensure that the spill management team develops an approved plan that includes worker safety precautions. This plan should be submitted in writing to the FOSC and should be incorporated into the Incident Action Plan.
- Surface washing agents are not intended to be used in or near sea grass areas.
- In consideration of the safety of workers assigned to the application of surface washing agents, and in consideration of the protection of the environment, it is preferred that surface washing agents are applied during daylight hours.

4000 Summary

As previously stated, this document was prepared to assist the FOSC utilize RRT-6 surface washing agent preauthorization for the cleanup of vessel hulls and hard structures in port and industrial areas within the five preapproval areas (Figures 1-4).



Figure 1: Upper Houston Ship Channel (including Barbour's Cut) Preapproval Areas



Figure 2: Bayport Ship Channel Preapproval Area



Figure 3: Texas City Ship Channel and Galveston Channel Preapproval Areas



Figure 4: Freeport Preapproved Area

5000 Resources at Risk in the Preapproved Areas for Surface Washing Agents

5100 Introduction

This information was prepared in January-March 2014 as part of the request process for the preapproval use of surface washing agents within the five specific port areas within the Central Texas Coastal ACP planning area. The ESI shorelines, essential fish habitat, and species information for the proposed area was compiled from the latest data collected by Texas General Land Office, Texas Parks and Wildlife Department and the USFWS to ensure the most up-to-date information was available for this project. Please refer to <u>Section 6400</u> for information related to NMFS ESA species.

5200 Geographic Region Covered

The area consists of five specified areas within the CTCACP planning area (see Figures 1-4).

5300 Habitat

Shoreline Resources at Risk

The shorelines within the five preapproved areas are predominantly armored with sheltered man-made structures, riprap and other erosion control structures. Sections of unarmored shoreline area are wetlands characterized as estuarine; intertidal; unconsolidated; excavated shores that have naturalized to tidal flats, scarps, beaches of varying grain sizes and fringe salt water marshes.

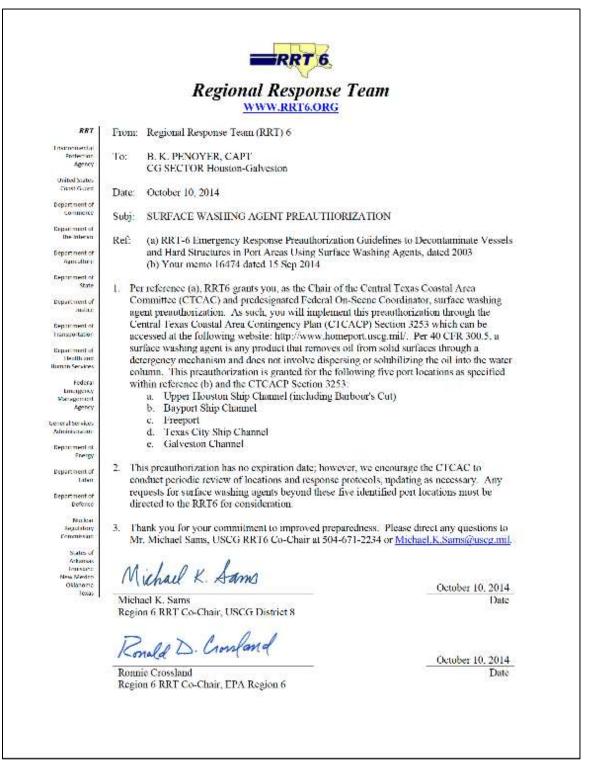
5400 Essential Fish Habitat

The five preapproved areas are located within the Essential Fish Habitat (EFH) designated areas for red drum, reef fish, shrimp, stone crab, and coastal migratory pelagic fish (NOAA, 2005). EFH consists of areas of higher species densities, based on the NOAA atlas and functional relationships analysis for these species. None of the five areas are considered a habitat area of particular concern (HAPC) or an EFH area protected from fishing.

6000 Surface Washing Agent Consultation Correspondence for Establishing Preauthorization

The following sections capture the correspondence between the USCG, the Services (U.S. Fish and Wildlife Service and National Marine Fisheries Service), and Regional Response Team 6 (RRT-6).

6100 RRT-6 Preapproval Memo



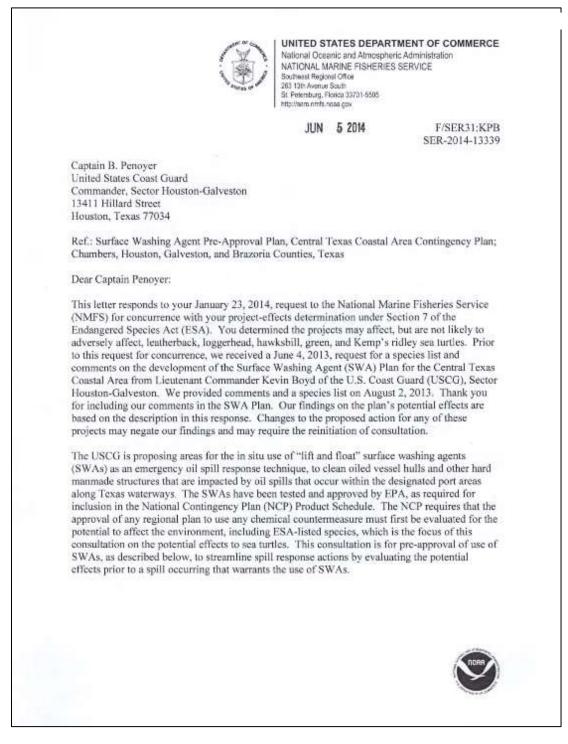
Homel	epartment of and Security d States Guard	Commander United States Coast Guard Sector Houston-Galveston	13411 Hillard Street Houston, TX 77034 Phone: (281) 464-4861 16474
ME From:	B. K. PENOVER, CAPT CG SECTOR Houston-Galve	eston	SEP 1 5 2014
To:	Regional Response Team 64	RRT-6)	
Subj:	PREAPPROVED LOCATIC	INS FOR THE USE OF S	URFACE WASHING AGENTS
Ref:		onse Preapproved Guidelin reas Using Surface Washi	es to Decontaminate Vessels and ng Agents dated 2003
RRT-6 port lo A. B. C. D.	5 preapproval for use of surface cations: Upper Houston Ship Channel Bayport Ship Channel Freeport Texas City Ship Channel Galveston Channel	washing agents (SWA) w	a Committee (CTAC), I request ithin the following five specified
and co Wildli		equested and received conc	253 is provided for your review surrence from the U.S. Fish and required consultations
	ank you for your timely consid ry POC: LTJG Denys Rivas at (
		#	
Enclos	 (1) Central Texas Coasta (2) USFWS Concurrence (3) NMFS EFH Concurr (4) NMFS ESA Section 	e ence	Section 3253
Copy:	NOAA Scientific Support Co Department of the Interior re Department of Commerce re	presentative to RRT-6	

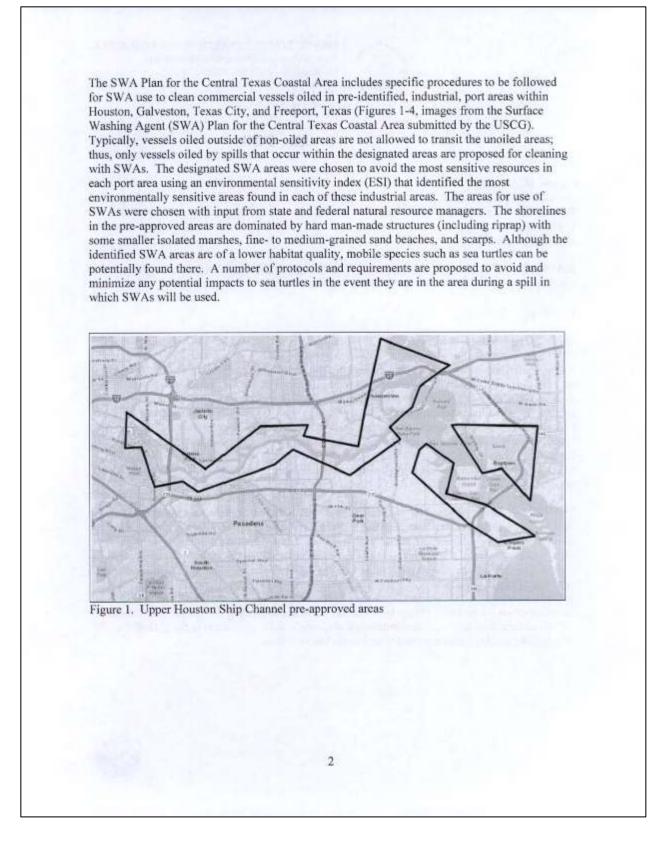
6200 USCG FOSC Memo Request for Preapproval to RRT

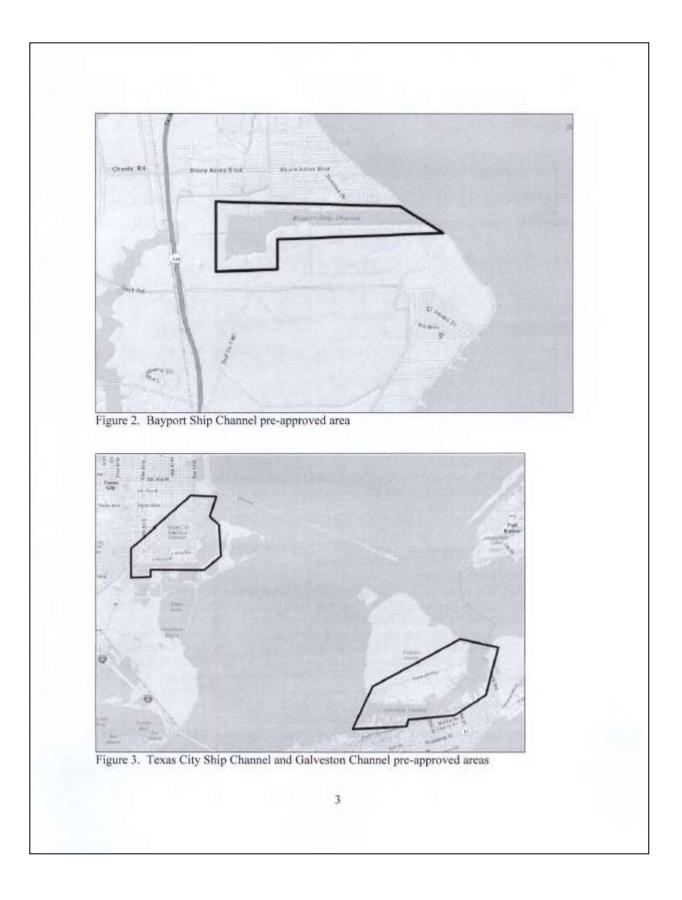
6300 USFWS Endangered Species Act Consultation Response

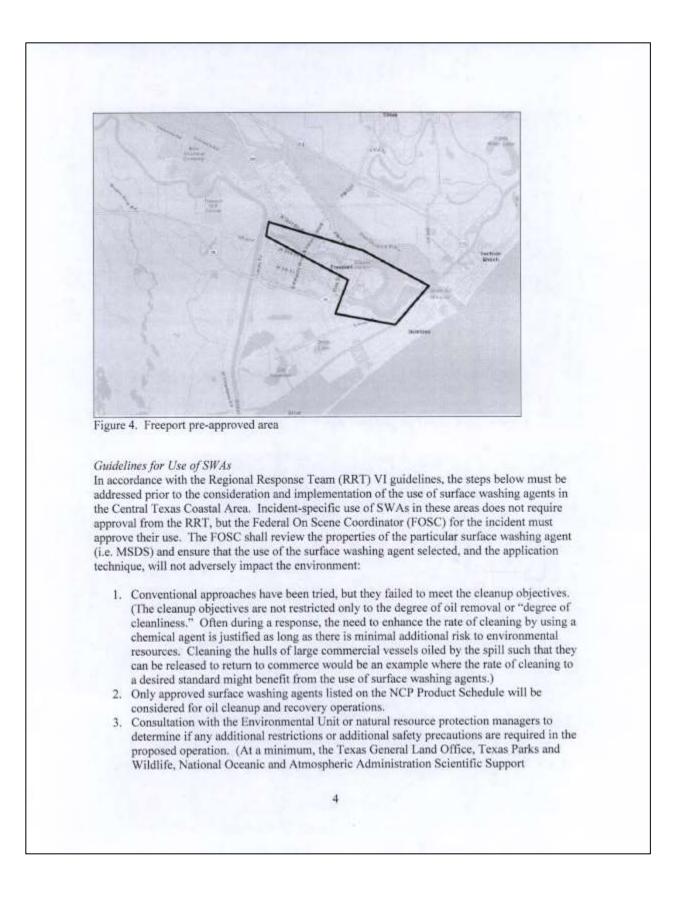
United States Department of the Interior FISH AND WILDLIFE SERVICE Coastal Ecological Services Field Office 17629 El Camino Real, Suite 211 Houston, Texas 77058 In Reply Refer To 281/285-8282 / (FAX) 281/488-5882 FWS/R2/CESFO/ March 10, 2014 Brian Penoyer Captain, U.S. Coast Guard Commander, Sector Houston-Galveston 9640 Clinton Drive Houston, TX 77029 Dear Captain Penover: Thank you for the U.S. Coast Guard's (USCG) recent letter acknowledging the U.S Fish and Wildlife Service's (Service) review and response to a request for Endangered Species Act (Act) informal consultation regarding resources at risk in proposed pre-approved areas for use of surface washing agents. The Service welcomes the opportunity to provide updated information that benefits Service trust resources, such as federally listed threatened or endangered species under the Act and critical habitat designations. Your sharing of provided information with the other state and federal trustee agencies for use in updating the Central Texas Coastal Area Contingency Plan (CTCACP) is also greatly appreciated. Regarding your letter dated January 23, 2014, and our review of the attached Surface Washing Agent Plan (Section 3253), the Service concurs with the USCG's finding that the specified use of Environmental Protection Agency approved "lift and float" surface washing agents within port locations, identified as pre-approved areas, is not likely to adversely affect federally listed species or critical habitats that are the responsibility of the Scrvice. Please note that this concurrence does not cover any consideration for use of a surface washing agent outside of the pre-approved areas within port locations in the Central Texas Coastal Area. Use of such agents outside the pre-approved areas will require emergency consultation by the Regional Response Team VI. In addition to this concurrence, the Service is in agreement with inclusion of Section 3253 into the CTCACP. In the event changes to Section 3253 occur or additional information on the distribution of listed or proposed species or designated critical habitat becomes available, the informal consultation process should be reinitiated for effects not previously considered. If you have any questions or need any additional information, please contact Ron Brinkley at 281/286-8282 ext.245. Sincerel ed l Edith Erfling Field Supervisor Attachment

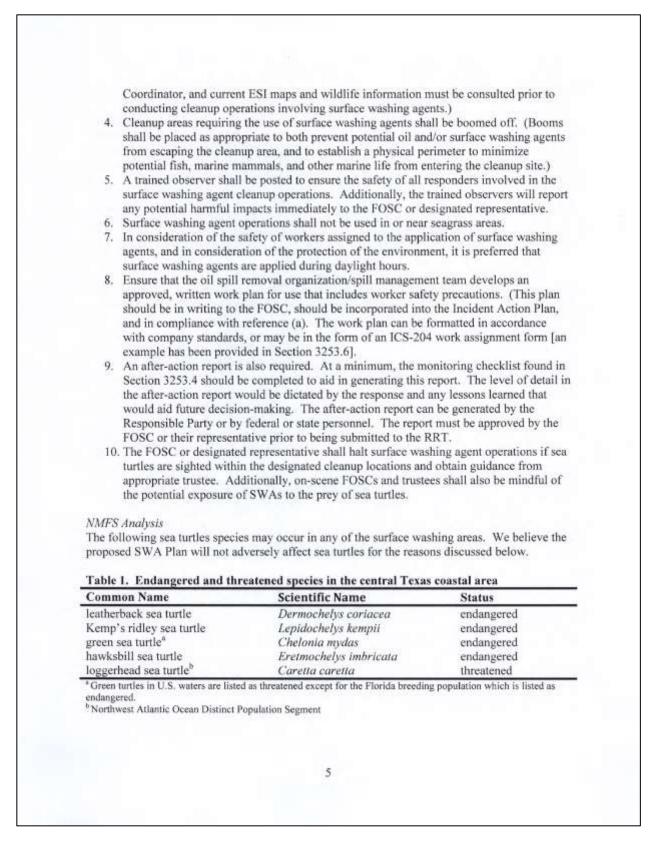
6400 National Marine Fisheries Service (NMFS) Endangered Species Act Consultation Response









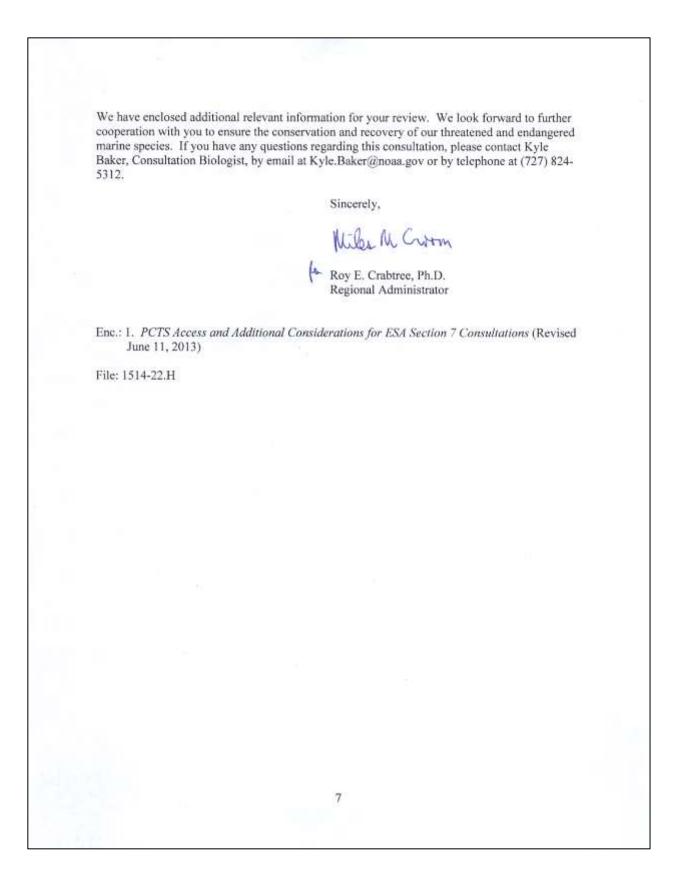


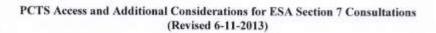
The use of SWAs would remove oil from vessels and the oil/SWA mixture would float on the surface for recovery. Adult crabs or shellfish live on the sea bottom and would not come into contact with the SWAs at the surface. There is a potential for some free-floating larval stages and adult prey to contact SWAs at the water/shoreline interface. These potential effects will be infrequent and localized during some spill response activities. The SWAs will have no measureable effect of the recruitment of larval stages into adult stages that turtles forage on. There will be no measurable reduction of the foraging success of sea turtles from the mortality of intertidal invertebrates exposed to SWAs. The use of SWAs is prohibited in seagrasses and other sensitive areas. However, despite the approved use of SWAs in only lower quality habitat areas, there is the potential for SWAs unintentionally contacting shorelines and resulting in some toxic effects to intertidal invertebrates is expected to be too small to have any detectable effect on the availability of sea turtle prey and would be insignificant.

The direct exposure of sea turtles to SWAs or the floating oil it creates will be avoided through the use of floating boom and observers. The use of SWAs will not increase the impacts in the oil footprint because it will be freed from oiled substrates and cause it to float and spread at the surface. However, the floating oil will be contained within a small area, and recovered with sorbent materials such as pads and boom. To prevent any adverse impacts to sea turtles, observers shall be employed during SWA operations and trained on SWA use and restrictions associated with resources at risk. Observers will lookout for sea turtles to ensure their protection and report any sightings in the area. In addition to the use of observers to prevent any impacts to wildlife, boom will be deployed to cover the entire water column so that large animals such as sea turtles will be excluded from the immediate work area. The boom will be removed after cleanup and will not appreciably block use of the area (for foraging or sheltering) by sea turtles. Therefore, we believe the above-described potential effects will be discountable or insignificant.

This concludes the USCG's consultation responsibilities under the ESA for species under NMFS's purview. Consultation must be reinitiated if a take occurs or new information reveals effects of the actions not previously considered, or the identified actions are subsequently modified in a manner that causes an effect to the listed species or critical habitat in a manner or to an extent not previously considered, or if a new species is listed or if critical habitat is designated that may be affected by the identified actions.

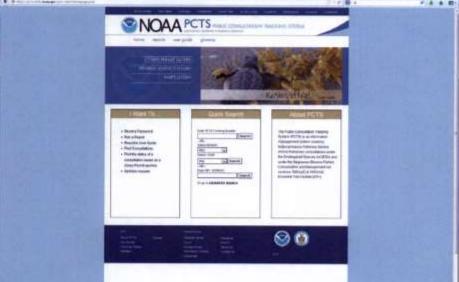
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Public Consultation Tracking System (PCTS) Guidance: PCTS is a Web-based query system at https://pcts.nmfs.noaa.gov/ that allows all federal agencies (e.g., U.S. Army Corps of Engineers - USACE), project managers, permit applicants, consultants, and the general public to find the current status of NMFS's Endangered Species Act (ESA) and Essential Fish Habitat (EFH) consultations which are being conducted (or have been completed) pursuant to ESA Section 7 and the Magnuson-Stevens Fishery Conservation and Management Act's (MSA) Sections 305(b)2 and 305(b)(4). Basic information including access to documents is available to all.

The PCTS Home Page is shown below. For USACE-permitted projects, the easiest and quickest way to look up a project's status, or review completed ESA/EFH consultations, is to click on either the "Corps Permit Query" link (top left); or, below it, click the "Find the status of a consultation based on the Corps Permit number" link in the golden "I Want To..." window.



Then, from the "Corps District Office" list pick the appropriate USACE district. In the "Corps Permit #" box, type in the 9-digit USACE permit number identifier, with no hyphens or letters. Simply enter the year and the permit number, joined together, using preceding zeros if necessary after the year to obtain the necessary 9-digit (no more, no less) number. For example, the USACE Jacksonville District's issued permit number SAJ-2013-0235 (LP-CMW) must be typed in as 201300235 for PCTS to run a proper search and provide complete and accurate results. For querying permit applications submitted for ESA/EFH consultation by other USACE districts, the procedure is the same. For example, an inquiry on Mobile District's permit MVN201301412 is entered as 201301412 after selecting the Mobile District from the "Corps District Office" list. PCTS questions should be directed to Eric Hawk at Eric.Hawk@noaa.gov or (727) 551-5773.

<u>EFH Recommendations</u>: In addition to its protected species/critical habitat consultation requirements with NMFS' Protected Resources Division pursuant to Section 7 of the ESA, prior to proceeding with the proposed action the action agency must also consult with NMFS' Habitat Conservation Division (HCD) pursuant to the MSA requirements for EFH consultation (16 U.S.C. 1855 (b)(2) and 50 CFR 600.905-.930, subpart K). The action agency should also ensure that the applicant understands the ESA and EFH processes; that ESA and EFH consultations are separate, distinct, and guided by different statutes, goals, and time lines for responding to the action agency; and that the action agency will (and the applicant may) receive separate consultation correspondence on NMFS letterhead from HCD regarding their concerns and/or finalizing EFH consultation.

Marine Mammal Protection Act (MMPA) Recommendations: The ESA Section 7 process does not authorize incidental takes of listed or non-listed marine mammals. If such takes may occur an incidental take authorization under MMPA Section 101 (a)(5) is necessary. Please contact NMFS' Permits, Conservation, and Education Division at (301) 713-2322 for more information regarding MMPA permitting procedures.

6500 NMFS EFH Consultation Response

UNITED STATES DEPARTMENT OF COMMERCE National Oceanic and Atmospheric Administration NATIONAL MARINE FISHERIES SERVICE Southeast Regional Office 263 13th Avenue South St. Pelersburg, Florida 33701-5505 http://sero.nmfs.noaa.gov April 30, 2014 F/SER4:DD Captain Brian Penover Commander U.S. Coast Guard Sector Houston-Galveston 13411 Hillard Street Houston, Texas 77034 Dear Captain Penover: The U.S. Coast Guard provided the National Marine Fisheries Service Southeast Regional Office the Surface Washing Agent Plan (Section 3253) of the Central Texas Coastal Area Contingency Plan for review. This section of the plan outlines procedures for use of surface washing agents in pre-approved locations in the Central Texas Coastal area and would allow the Federal On-Scene Commander, in consultation with the Texas General Land Office, Texas Parks and Wildlife Department, and the NOAA Scientific Support Coordinator, to authorize the use of Environmental Protection Agency approved "lift and float" surface washing agents if conventional methods are not sufficient in the cleanup of oil from contaminated vessel hulls and hard structure surfaces in certain locations identified in the plan. These locations are generally industrial port areas of the Upper Houston Ship Channel, Bayport Ship Channel, Texas City Ship Channel, Galveston Channel, and Freeport Ship Channel. As specified in the Magnuson-Stevens Fishery Conservation and Management Act (MSFCMA), essential fish habitat (EFH) consultation is required for federal actions which may adversely affect EFH. As the federal action agency in this matter, the U.S. Coast Guard has determined the proposed actions would not adversely affect the environment in the pre-approved areas. The Habitat Conservation Division has reviewed the proposed actions and determined any adverse impact to EFH resulting from the proposed response activities would be minimal. Due to the context and nature of the proposed activities, we have no EFH conservation recommendations to provide pursuant to Section 305(b)(2) of the MSFCMA. We appreciate the opportunity to provide these comments. Please direct related correspondence to the attention of Mr. David Dale at the letterhead address. He may be reached at (727) 824-5317 or by e-mail at david.dale@noaa.gov. Sincerely, Ullan m Virginia M. Fay cc: F/SER31, Kyle.Baker@noaa.gov Assistant Regional Administrator F/SER46, Rusty.Swafford@noaa.gov Habitat Conservation Division USCG, Kevin.C.Boyd@uscg.mil USCG, Michael.K.Sams@uscg.mil

6600 State of Texas (TGLO) Concurrence



MEMORANDUM

Texas General Land Office • Jerry Patterson • Commissioner

Date: September 30, 2014

To: Michael K. Sams, USCG RRT 6 Co-Chair

From: Greg Pollock, Deputy Commissioner, Oil Spill Prevention and Response

Subject: Surface Washing Agent Pre-authorization and RRT 6 Emergency Response Pre-authorization Guidelines to Decontaminate Vessels and Hard Structures in Certain Port Areas Using Surface Washing Agents

As a signatory to the initial 2003 RRT 6 Emergency Response Pre-approved Guidelines to Decontaminate Vessels and Hard Structures in Coastal Port Areas, I fully support the recently completed Surface Washing Agent Plan of the Central Texas Coastal Area Contingency Plan (CTCACP). The CTCACP provides for pre-authorization in five port locations: Upper Houston Ship Channel (including Barbour's Cut), Bayport Ship Channel, Freeport, Texas City Ship Channel and the Galveston Channel. As you know, after consultation with the Texas General Land Office, Texas Parks and Wildlife Department and the NOAA Scientific Support Coordinator, the plan allows the Federal On-Scene Coordinator to authorize the use of NCP listed "lift and float" surface washing agents if more traditional means are not sufficient.

Consider this memorandum as my concurrence with including the pre-authorization in the CTCACP.

Greg Pollock Deputy Commissioner Oil Spill Prevention and Response Division Texas General Land Office September 30, 2014

cc: Richard Arnhart Steve Buschang