

From: [Stone, Kelli L](#)
To: [Ardizzone, Chuck CA](#); [delaGarza, Laura](#); [Gardiner, Dawn](#); [Orms, Mary](#); [Leiva, Adriana](#); [Harrell, Wade](#)
Subject: Re: SpaceX
Date: Thursday, April 20, 2023 10:43:00 AM

thanks for link below and info from Chris.

The displacement of sand, gravel, debris etc. will have an impact on habitat as we all would assume and sadly (for habitats) it will just be another impact added upon others. The grass fire - I'll be curious where that occurred and to what degree.

Kelli Stone
(she/her)
Wildlife Biologist
U.S. Fish and Wildlife Service
Migratory Bird Division, Southwest Region
govt cell: 505-248-6934; kelli_stone@fws.gov

From: Ardizzone, Chuck CA <chuck_ardizzone@fws.gov>
Sent: Thursday, April 20, 2023 9:39 AM
To: delaGarza, Laura <laura_delagarza@fws.gov>; Gardiner, Dawn <dawn_gardiner@fws.gov>; Orms, Mary <mary_orms@fws.gov>; Leiva, Adriana <adriana_leiva@fws.gov>; Stone, Kelli L <kelli_stone@fws.gov>; Harrell, Wade <wade_harrell@fws.gov>
Subject: Re: SpaceX

story and video

<https://www.newsmax.com/us/spacex-starship-launch-elon-musk/2023/04/20/id/1116889/>

Chuck Ardizzone
Project Leader
Texas Coastal Ecological Services
U.S. Fish & Wildlife Service
17629 El Camino Real, Ste 211
Houston, TX 77058
W: (281) 286-8282 Ext 26506
C: (713) 882-1912
F: (281) 488-5882

From: delaGarza, Laura <laura_delagarza@fws.gov>
Sent: Thursday, April 20, 2023 10:27
To: Gardiner, Dawn <dawn_gardiner@fws.gov>; Orms, Mary <mary_orms@fws.gov>; Ardizzone,

Chuck CA <chuck_ardizzzone@fws.gov>; Leiva, Adriana <adriana_leiva@fws.gov>; Stone, Kelli L <kelli_stone@fws.gov>; Harrell, Wade <wade_harrell@fws.gov>

Subject: Re: SpaceX

I noticed all the sand blown about and immediately thought of the displacement of it. I'm sure there will be impacts to the flats.

I wonder how the birds fared?

Laura M. de la Garza
Fish & Wildlife Biologist
USFWS/Texas Coastal ES Field Office
3325 Green Jay Road
Alamo, Texas 78516

Office (956) 784-7545
Work Cell (956) 354-6125

(I am on telework status until further notice, please email or call my work cell)

Matthew 6:21 "For where your treasure is, there will your heart be also"

From: Gardiner, Dawn <dawn_gardiner@fws.gov>

Sent: Thursday, April 20, 2023 10:03 AM

To: Orms, Mary <mary_orms@fws.gov>; delaGarza, Laura <laura_delagarza@fws.gov>; Ardizzzone, Chuck CA <chuck_ardizzzone@fws.gov>; Leiva, Adriana <adriana_leiva@fws.gov>; Stone, Kelli L <kelli_stone@fws.gov>; Harrell, Wade <wade_harrell@fws.gov>

Subject: Fw: SpaceX

From: Perez, Chris <chris_perez@fws.gov>

Sent: Thursday, April 20, 2023 10:00 AM

To: Marsan, Joan D <joan.marsan@sol.doi.gov>; DeLaGarza, Imer <Imer_DeLaGarza@fws.gov>; Perez, Sonny <sonny_perez@fws.gov>; Gardiner, Dawn <dawn_gardiner@fws.gov>

Subject: Re: SpaceX

SpaceX has initiated the anomaly response plan to address the debris from this launch. As soon as the area is safe to enter, I expect to tour the site to assess post-launch impacts. I don't expect debris from the ship/booster since it was aborted off the coast but the launch itself expelled lots of debris and started a grass fire. Camera equipment and vehicles left across the highway were significantly damaged and pieces strewn about. Concrete pieces and debris from the pad also seem to have been cast out.

From: Marsan, Joan D <joan.marsan@sol.doi.gov>

Sent: Thursday, April 20, 2023 9:58 AM

To: DeLaGarza, Imer <Imer_DeLaGarza@fws.gov>; Perez, Chris <chris_perez@fws.gov>; Perez, Sonny <sonny_perez@fws.gov>; Gardiner, Dawn <dawn_gardiner@fws.gov>

Subject: SpaceX

Hi, all,

Just checking in to see how this morning's launch treated you all and the Refuge...

Joan

Joan D. Marsan (she/her)
U.S. Department of the Interior
Office of the Solicitor, Southwest Region
505 Marquette Ave., NW, Ste. 1800
Albuquerque, NM 87102
(505) 248-5618 (telephone)
(505) 248-5623 (facsimile)
joan.marsan@sol.doi.gov

This e-mail is intended for the use of the individual(s) to whom it is addressed. It may contain information that is privileged, confidential, or otherwise protected by applicable law. If you are not the intended recipient or the employee or agent responsible for delivery of this e-mail to the intended recipient, you are hereby notified that any dissemination, distribution, copying, or use of this e-mail or its contents is strictly prohibited. If you received this e-mail in error, please notify the sender immediately and destroy all copies.