

## DOCKETED

<b>Docket Number:</b>	07-AFC-05C
<b>Project Title:</b>	Ivanpah Solar Electric Generating System (Compliance)
<b>TN #:</b>	200643
<b>Document Title:</b>	Injured Northern Rough-winged Swallow Found Colosseum Rd.
<b>Description:</b>	N/A
<b>Filer:</b>	Joe Douglas
<b>Organization:</b>	BrightSource Energy, Inc.
<b>Submitter Role:</b>	Applicant
<b>Submission Date:</b>	9/30/2013 9:02:29 AM
<b>Docketed Date:</b>	9/30/2013

**13 AUG 2013 - Injured Northern Rough-winged Swallow Found Colosseum Rd.  
(UTMs 639453/3935051)**

At 0845hrs a construction worker observed an injured bird just off the pavement of Colosseum Rd., just west of the guard shack. He reported that the bird made attempts to fly, but couldn't. The worker recovered the bird and brought it to the safety office, where Designated Biologist B. Weise took possession of it at 0900hrs. The bird was identified as a Northern Rough-winged Swallow (*Stelgidopteryx serripennis*). At 0915hrs it was examined by B. Weise and the avian biologist on site, Craig Himmelwright, DVM. The swallow was found to be bright and alert, with normal posture but unable to fly. Eyes and beak appeared normal. There was marked curling, melting, and charring evident on the feathers of the wings, back, and tail. Substantial portions of the feather barbs were absent, apparently burned away. Both wings appeared equally affected, with the primary, secondary, and covert feathers showing the most evidence of damage. Covert feathers covering the back had evidence of minor curling and melting. Covert feathers covering the head, breast and ventrum were not obviously affected. The bird was able to fold its wings in a somewhat normal manner, and stand without difficulty. There was no evidence of ectoparasites, mechanical trauma, or chemical burns or residue. Damage to feathers was most consistent with thermal or electrical burns. The closest sources of extreme heat where the bird was found are the flood lights and generators located by the guard shack. There were also utility lines near its location. No flux has been produced in Unit 2 since May 14<sup>th</sup> and Unit 1 since July 17<sup>th</sup>. Flux in Unit 3 has occurred daily since August 5<sup>th</sup> and at various times during each day.

The bird was offered water from a syringe and drank readily and repeatedly. It appeared more energetic and alert, and defecated normally. At 1000hrs it was transported to a licensed wildlife rehabilitator for further evaluation and care. The rehabilitator was instructed to keep the bird refrigerated, not frozen, should the bird not survive.

A notice has since been issued by Solar Partners and Bechtel (main contractor) reminding workers of the current policy to not handle wildlife and to notify on site biologists in the event injured wildlife is observed.

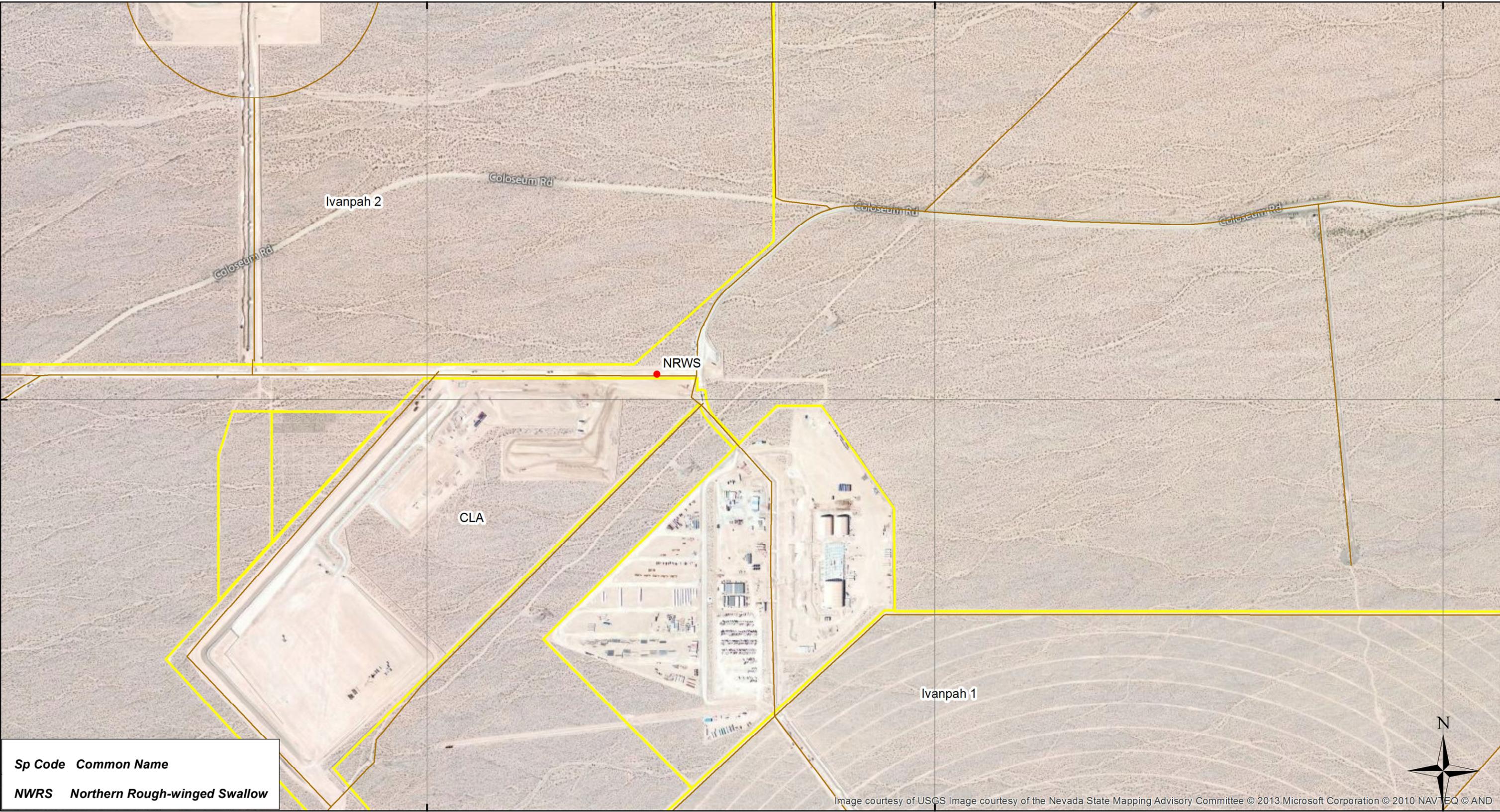
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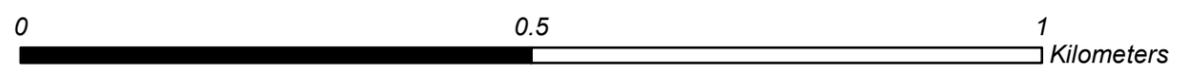
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Sp Code	Common Name
NWRS	Northern Rough-winged Swallow

- Bird Location
- Site Boundary
- Accessible Roads



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## **Injured Northern Rough-winged Swallow Location Ivanpah Solar Electric Generating System**









