

Lasting pollution by Orange Agent in Newark, New Jersey, USA

Sentinel-2 MSI acquired on 24 September 2015 at 16:01:36 UTC
Sentinel-2 MSI acquired on 20 November 2015 at 15:45:42 UTC
Sentinel-2 MSI acquired on 17 February 2020 at 15:43:11 UTC

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[2D Layerstack](#)

Fig. 1 - S2 (24.09.2015) - Between 1951 & 1983, Diamond Alkali operated a chemical plant in Ironbound, Newark, on the very industrialized banks of Passaic River.

[2D view](#)

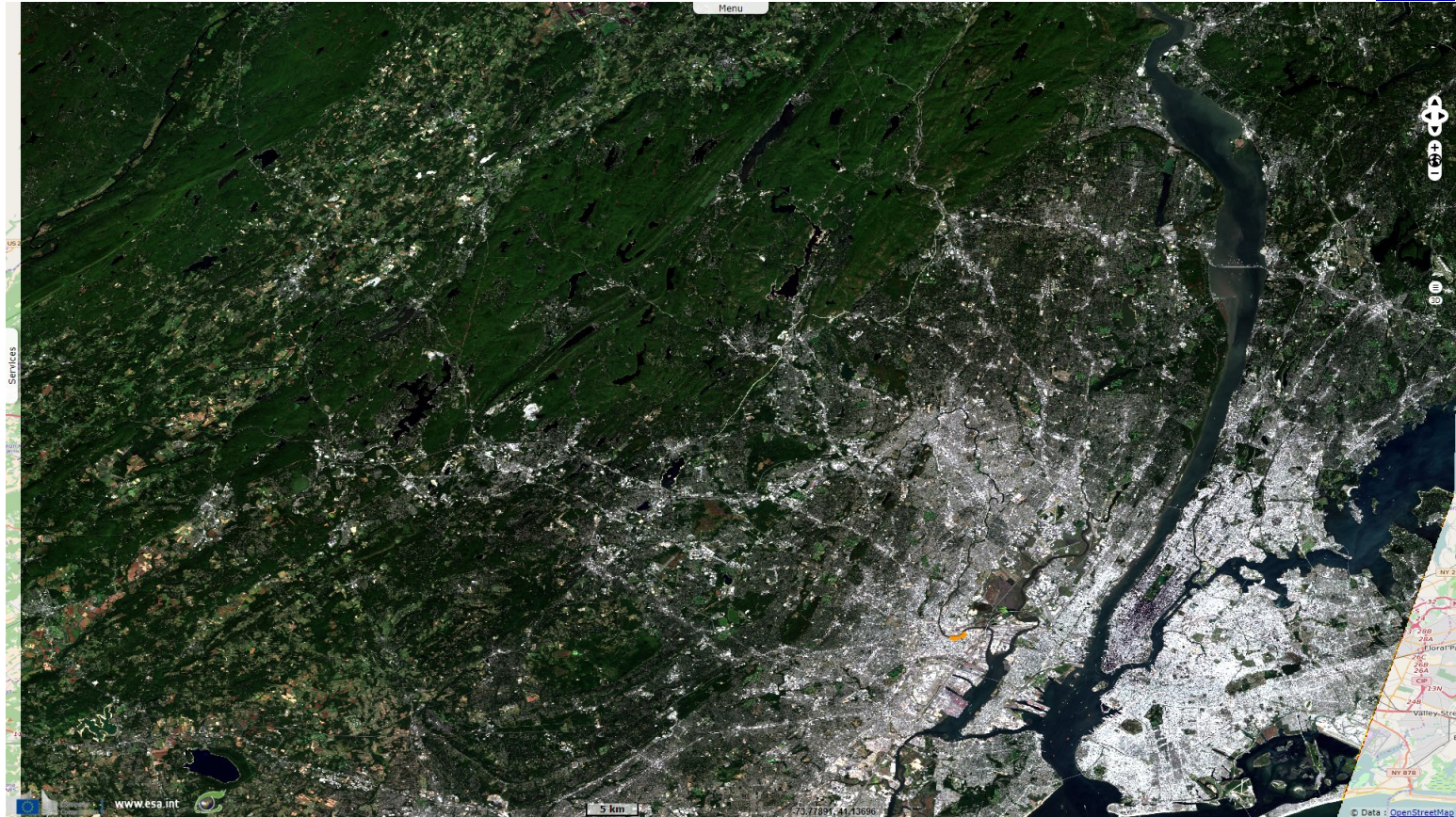


Fig. 2 - S2 (20.11.2015) - It was processing herbicides, which of 4000 m3 of Agent Orange for the Vietnam war. Its byproduct, dioxin, is extremely toxic.

[2D view](#)



Fig. 3 - S2 (20.11.2015) - Rather than excavate or incinerate the soil and debris, US Environmental Protection Agency decided it would be walled and capped.

[2D view](#)



Fig. 4 - S2 (17.02.2020) - The capped area is being developed as Newark Riverfront Park, Phase 3, upstream of Jackson Street Bridge, opened in December 2017.

[2D view](#)



Due to these decades of pollution, the river's remediation, projected in 2014 to cost ~\$1.7 billion, is to be one of the largest Superfund cleanups ever proposed.

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