

To:

Jon Taylor PE CEM
Nevada Division of Environmental Protection
Bureau of Waste Management
Solid Waste Facilities Branch
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Dear Mr. Taylor,

I have written before to voice my concerns about the Jungo landfill, so, by now you know who I am and my steadfast opposition remains the same.

I came across a study just today that exemplifies a particular area of reference to which myself and others have voiced objections. That is in regards to flooding and sheeting. This study, entitled "Estimating playa lake flooding: Edwards Air Force Base, California, USA by Richard H. French, Julianne J. Miller & Charles R. Dettling" was undertaken to determine the depth of water as a result of a 100 year precipitation event at the dry lakes (playas) on the air base. The pertinence of this scientific analysis is revealed when one considers the similarities between the study area and the environment in and around Jungo Flat, which is also a dry lake or playa with corresponding hydrological and geological characteristics. Their conclusions were not surprising to me, finding that the results of such an event will be feet of standing and sheeting water in the subject area. They also mentioned wind blown wave action which I have written about in another comment. The reason this work was undertaken was their concern over historical accounts of flooding in the past and the fact that the air base is used not only for military purposes but as an emergency landing site for commercial aircraft, plus the alternate site for space shuttle landings.

While it is not really conceivable to land a 747 in Desert Valley, it doesn't seem prudent to build a mile square mountain of garbage at the site either. It is my opinion that if a similar scientific study were performed at the proposed landfill site, the results would be almost exactly the same. As I and others have related to you, the site does flood often but a 100 year event will result in real devastation. There are no mitigating factors in design and construction that will prevent this. We don't have the luxury of landing our airplanes elsewhere for a few weeks or months. Mountains of trash rarely fly en masse. They will, most definitely, sink.

I have included the cited analysis for your perusal along with a terrain model of the landfill site to show the hydrogeological analogous landforms. I have also attached photographs from 2004 and

2010 to further illustrate my point. I cannot stress enough the importance of this vetted science as a predictive illustration of what can be expected at the Jungo site. It is your lawful duty to respect the science and protect Nevada's resources. Deny the permit for this project.

Charles Schlarb
Winnemucca NV 89446

Attachments:

Estimating playa lake flooding:
Edwards Air Force Base,
California,USA
Richard H. French
Julianne J. Miller
Charles R. Dettling

Photos:

Jungo Flat, 2004 - looking northeast
Proposed Jungo Landfill Site, 2010 - looking south

Map of Jungo environs