From: Elliott, Allen (MSFC-AS01) [redacted]
Sent: Thursday, September 24, 2015 03:43 PM Eastern Standard Time
To: Jennings, Stephanie
Cc: ZORBA, PETER D. (HQ-AI020) [redacted]; Jones, John
Subject: RE: Cumulative Analysis for our EIS

Attached is a revised table showing latest data for the NASA cleanup at SSFL.

Allen

From: Jennings, Stephanie [redacted]
Sent: Tuesday, September 15, 2015 6:39 PM
To: Elliott, Allen (MSFC-AS01); ZORBA, PETER D. (HQ-AI020); Jones, John
Cc: Owens, Kirk W. [redacted]; John Wondolleck [redacted]
Subject: Cumulative Analysis for our EIS

One of the items that came out of the Headquarters review was that we needed to document the source of the information that we used for NASA for our cumulative analysis portion. As we used the information that you had provided for the Project Description for the DTSC EIR, we can't cite a source that has not been published yet.

I have attached the table that we used to this email. Could you please verify that our table is correct, make any changes you believe are appropriate to make, and then send me an email stating that you concur with this information. That way we can cite your email in our EIS. You only need to send back to me the first page with the table and any corrections, the second is for your information about where we obtained the information.

If this is not clear, or if you have any questions, don't hesitate to call or email.

Thanks!

Stephie Jennings
Deputy Federal Project Director
NEPA Compliance Officer
[redacted]

Data for Cumulative Impacts Analysis of SSFL Remediation - NASA

	NASA [a]
Land disturbed (acres)	
– Area Disturbed for Soil Removal	139 to 220 [c]
– Area Disturbed for Building Removal	Not estimated
Employment (persons)	
– Onsite Employees	50 to 75
– Truck Drivers - Truck drivers for occasional deliveries or pickups are not included in long-term employment	Assume 32 truck drivers when 96 truck trips are split between NASA, Boeing and DOE (first few years); 48 when split between NASA and DOE
Resources used	
– Backfill for Soil Excavation (cubic yards)	202,000 to 290,000 [c]
– Backfill for Building and Bedrock Removal (cubic yards)	None identified
Resources used	
– Water (gallons/day)	200,000 [b]
Waste generated (cubic yards)	
– Soil Excavation	607,000 to 870,000 [c]
– Building Removal	99,134 [b]
– Bedrock Excavation	None expected
Truck trips	
– Soil Disposal	40,000 to 57,000 [c]
– Bedrock Disposal	None expected
– Backfill Delivery	13,000 to 19,000 [c]
– Demolition Debris	3,965 [b]
– Other deliveries	110 [d]
Totals	57,075 to 80,075

Boeing = The Boeing Company; NASA = National Aeronautics and Space Administration.

[a] Sums and products presented in the table may differ from those calculated from table entries due to rounding. Totals are rounded to 3 significant figures.

[b] Taken from NASA's *FEIS* (NASA 2014a).

[c] Revised estimates based on Draft NASA Soil Data Summary Report.

[d] Based on NASA's FEIS of 10 deliveries/year, revised duration to an 11 year period