



State of Utah

Department of
Environmental Quality

Dianne R. Nielson, Ph.D.
Executive Director

DIVISION OF AIR QUALITY
Richard W. Sprott
Director

JON M. HUNTSMAN, JR.
Governor

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Lieutenant Governor

DAQP-034-06

June 7, 2006

Tom Moore
TOC Staff Support/Technical Coordinator
c/o Cooperative Institute for Research in the Atmosphere
Colorado State University
1375 Campus Delivery
Fort Collins, CO 80523-1375

Dear Tom:

Subject: Modeling Parameters for WRAP

Here is the information you will need to conduct visibility modeling using the California Puff model (CALPUFF) for Utah's Best Available Retrofit Technology (BART) sources, as we requested in a letter from Rick Sprott on April 11, 2006.

Actual Emissions - 1 hour Values (lb/hr) for 2002-2003 24-hour Max. Emission Day
*** Calculated Based on Permit Limit**

Plant	Unit	SO ₂	NO _x	PM
Hunter	1	1402	2309	83.25*
Hunter	2	1427	1924	83.25*
Huntington	1	1555	1887	166.9*
Huntington	2	5537	1912	76.1*

Current Plant Stack Parameters

Plant	Unit	Stack Location (UTM)	Stack Height (m)	Stack Diameter (m)	Exit Velocity (m/s)
Hunter	1	497310/4335950	182.9	7.32	17.6
Hunter	2	497360/4335950	182.9	7.32	18.2
Huntington	1	493100/4358840	182.9	7.32	16.9
Huntington	2	493150/4358840	182.9	7.32	20.1

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I look forward to working with you to complete this project. If you need additional information or have questions, please call Dave Strohm of our modeling staff. His number is 801-536-4056.

Sincerely,

Jan Miller
Regional Haze SIP Coordinator

JM/kd