

Attachment B:

Summary of SACTI Data Files

Provided in Response to
RAI No. rMET-09SB (Env-08S), Question ESP EIS 2.9-3

...\PSEG\2011\3250-11-5488 - Dispersion Modeling\RAI Env-08S (12-20-2013)				
DATE	DIRECTORY INDICATOR	SIZE (BYTES)	DIRECTORY OR FILE NAME	DESCRIPTION
01/31/2014	<DIR>		NDCT	Directory with files for Natural draft
02/03/2014	<DIR>		LMDCT	Directory with files for linear mechanical draft
01/31/2014	<DIR>		Meteorology	Directory with meteorological files

...\PSEG\2011\3250-11-5488 - Dispersion Modeling\RAI Env-08S (12-20-2013)\NDCT					DESCRIPTION
DATE	DIRECTORY INDICATOR	SIZE (BYTES)	DIRECTORY OR FILE NAME		
09/10/2009		32,880	93734MIX.TXT		Input to SACTI: Mixing heights 2006-2008 (1996-1998)
10/29/2009		1,409,040	FORT.2		Output file from PREP
10/29/2009		3,249	FORT.3		Output file from PREP/Input to MULT
10/29/2009		3,512	FORT.4		Output file from PREP/Input to TABLES
10/29/2009		56,728	FORT.8		Output file from MULT/Input to TABLES
10/29/2009		341,145	FORT.9		Output file from TABLES
10/18/1996		132,478	MULT.EXE		SACTI program component – plume model
10/29/2009		3,357,737	MULT.OUT		Output from MULT.EXE
10/03/2009		605	MULT.USR		User input to MULT.EXE
10/18/1996		121,562	PREP.EXE		SACTI program component – preprocessor
10/29/2009		3,467,829	PREP.OUT		Output from PREP.EXE
10/29/2009		304	PREP.USR		User input to PREP.EXE
09/10/2009		2,130,300	PSEG_ILG.144		Input to SACTI: Hourly weather observations 2006-2008 (1996-1998)
10/18/1996		69,146	TABLES.EXE		SACTI program component – tabulates results for reporting SACTI results
10/29/2009		504,005	TABLES.OUT		Output from TABLES.EXE
09/26/2009		272	TABLES.USR		User input to TABLES.EXE

...\PSEG\2011\3250-11-5488 - Dispersion Modeling\RAI Env-08S (12-20-2013)\LMDCT				
DATE	DIRECTORY INDICATOR	SIZE (BYTES)	DIRECTORY OR FILE NAME	DESCRIPTION
09/10/2009		32,880	93734MIX.TXT	Input to SACTI: Mixing heights 2006-2008 (1996-1998)
11/18/2009		1,409,040	FORT.2	Output file from PREP
11/18/2009		4,089	FORT.3	Output file from PREP/Input to MULT
11/18/2009		3,512	FORT.4	Output file from PREP/Input to TABLES
11/18/2009		92,830	FORT.8	Output file from MULT/Input to TABLES
11/18/2009		364,930	FORT.9	Output file from TABLES
10/18/1996		132,478	MULT.EXE	SACTI program component – plume model
11/18/2009		6,915,197	MULT.OUT	Output from MULT.EXE
11/18/2009		1,230	MULT.USR	User input to MULT.EXE
10/18/1996		121,562	PREP.EXE	SACTI program component – preprocessor
11/18/2009		3,468,849	PREP.OUT	Output from PREP.EXE
11/18/2009		349	PREP.USR	User input to PREP.EXE
09/10/2009		2,130,300	PSEG_ILG.144	Input to SACTI: Hourly weather observations 2006-2008 (1996-1998)
10/18/1996		69,146	TABLES.EXE	SACTI program component – tabulates results for reporting SACTI results
11/18/2009		529,395	TABLES.OUT	Output from TABLES.EXE
11/18/2009		272	TABLES.USR	User input to TABLES.EXE

...\PSEG\2011\3250-11-5488 - Dispersion Modeling\RAI Env-08S (12-20-2013)\Meteorology				
DATE	DIRECTORY INDICATOR	SIZE (BYTES)	DIRECTORY OR FILE NAME	DESCRIPTION
01/31/2014	<DIR>		Mixing heights	
01/31/2014	<DIR>		NWS Hourly Surface Observations	
02/03/2014	<DIR>		PSEG Tower	

...\PSEG\2011\3250-11-5488 - Dispersion Modeling\RAI Env-08S (12-20-2013)\Meteorology\Mixing heights					
DATE	DIRECTORY INDICATOR	SIZE (BYTES)	DIRECTORY OR FILE NAME	DESCRIPTION	
01/04/2007		3,451,313	724030-93738-2006.ish	2006 ISH format hourly observations – Sterling, VA	
01/04/2008		3,319,848	724030-93738-2007.ish	2007 ISH format hourly observations – Sterling, VA	
01/28/2009		3,430,305	724030-93738-2008.ish	2008 ISH format hourly observations – Sterling, VA	
07/31/2009		13,579	93734-06.mix	2006 output from MIXHTS.EXE	
08/04/2009		13,692	93734-06.TXT	2006 mixing height output with missing data filled in	
07/31/2009		13,579	93734-07.mix	2007 output from MIXHTS.EXE	
08/04/2009		13,743	93734-07.TXT	2007 mixing height output with missing data filled in	
07/31/2009		13,616	93734-08.mix	2008 output from MIXHTS.EXE	
08/04/2009		13,712	93734-08.TXT	2008 mixing height output with missing data filled in	
07/30/2009		1,572,892	Dulles_2006_abbrev.out	2006 abbreviated ISH format for input to NCDC_CNV	
07/30/2009		1,541,536	Dulles_2007_abbrev.out	2007 abbreviated ISH format for input to NCDC_CNV	
07/30/2009		1,576,912	Dulles_2008_abbrev.out	2008 abbreviated ISH format for input to NCDC_CNV	
07/31/2009		1,217,980	IAD_2006.SAM	2006 SAMSON format hourly observations – Dulles/Sterling, VA: input to MIXHTS.EXE	
07/31/2009		1,217,980	IAD_2007.SAM	2007 SAMSON format hourly observations – Dulles/Sterling, VA: input to MIXHTS.EXE	
07/31/2009		1,221,316	IAD_2008.SAM	2008 SAMSON format hourly observations – Dulles/Sterling, VA: input to MIXHTS.EXE	
07/31/2009		431	MIXHTS-06.INP	2006 user input to MIXHTS.EXE	
07/30/2009		431	MIXHTS-07.INP	2007 user input to MIXHTS.EXE	
07/30/2009		431	MIXHTS-08.INP	2008 user input to MIXHTS.EXE	
07/25/2007		598,059	MIXHTS.EXE	Program to estimate twice-daily mixing heights	
07/30/2009		10,408,864	Sterling_2006-08_FSL.txt	2006-2008 upper air soundings for Sterling: input	

...\PSEG\2011\3250-11-5488 - Dispersion Modeling\RAI Env-08S (12-20-2013)\Meteorology\Intermediate Files				
DATE	DIRECTORY INDICATOR	SIZE (BYTES)	DIRECTORY OR FILE NAME	DESCRIPTION
08/06/2009		2,110,708	ILG_2006_08.144	CD-144 formatted data, missing data not filled (output from SiteSAM_to_144.exe)
08/05/2009		3,655,762	ILG_2006_08.SAM	SAMSON-formatted data, missing data not filled (output from NCDC_CNV.exe)
02/09/2014		3,655,762	ILG_2006-08-F.SAM	SAMSON-formatted data, missing data filled (output from NCDC_CNV.exe)
02/10/2014		4,198,890	Wilmington_2006-08_abbrev.out	2006-2008 Wilmington, DE in abbreviated ISH format (output from ishapp2.exe)

...\PSEG\2011\3250-11-5488 - Dispersion Modeling\RAI Env-08S (12-20-2013)\Meteorology\PSEG Tower				
DATE	DIRECTORY INDICATOR	SIZE (BYTES)	DIRECTORY OR FILE NAME	DESCRIPTION
07/22/2009		8,308,224	on_site_Jan_06_Dec_08.xls	PSEG tower data for 2006-2008 in Excel spreadsheet
07/24/2009		70,457	On_site_data.pdf	Documentation of PSEG tower data format
07/22/2009		4,734,720	on_site_Jan_06_Dec_08_revP.prn	PSEG tower data for 2006-2008 as text file (pressure not multiplied by 10)