Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221

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NMED
Hazardous Waste Bureau

Mr. John E. Kieling, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87508-6303

Mr. Tom Blaine, Division Director
Environmental Health Division
Harold Runnels Building
1190 Saint Francis Drive, Room 4050
Santa Fe, NM 87502-5469

Subject: Bi-Weekly Report for the reporting period ending July 13, 2014, as requested per Item 18 of the May 12, 2014, NMED Administrative Order

Dear Mr. Kieling and Mr. Blaine:

The purpose of this letter is to transmit the Bi-Weekly Report for the reporting period ending July 13, 2014, as required by Item 18 of the May 12, 2014, Administrative Order issued under the authority of the New Mexico Hazardous Waste Act § 74-4-13 from Ryan Flynn to Messrs. Hellstrom, Franco, Cook, and McQuinn. This report is enclosed along with a compact disc containing data requested by the Administrative Order.

We certify under penalty of law that this document and all attachments were prepared under our direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of our knowledge and belief, true, accurate, and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact Mr. George T. Basabilvazo at (575) 234-7488.

Sincerely,

DC Bryson for
Jose R. Franco, Manager
Carlsbad Field Office

R. McQuinn
Robert L. McQuinn, Project Manager
Nuclear Waste Partnership LLC

Enclosure

cc:
T. Kliphuis, NMED *ED
J. Sales, EPA ED
CBFO M&RC
*ED denotes electronic distribution

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Bi-Weekly Status Report for the New Mexico Environment Department February 27, 2014, and May 12, 2014, Administrative Orders Reporting Period June 30, 2014, through July 13, 2014

Introduction

On February 5, 2014, a vehicle fire occurred in the Waste Isolation Pilot Plant (WIPP) underground, resulting in normal operations and waste shipments from generator sites being temporarily suspended. On February 14, 2014, while the fire investigation was still underway, a Continuous Air Monitor detected airborne radiation in the WIPP underground facility, causing the ventilation exhaust to automatically shift to high efficiency particulate air (HEPA) filtration mode. The ventilation system has been operating in filtration mode since that time. Recent entries into Panel 7 in the underground have confirmed that at least one container from a nitrate salt bearing waste stream from Los Alamos National Laboratory has been breached and is most likely the source of the release. Further investigations are currently ongoing as part of the re-entry process to collect additional information regarding the release. All shipments of waste to the WIPP facility have been suspended.

The New Mexico Environment Department (NMED) has issued two Administrative Orders (AOs) to address certain activities relative to the WIPP Hazardous Waste Facility Permit (Permit) that cannot be performed because the underground is inaccessible for normal activities. The AOs provide requirements for monitoring and reporting to the NMED concerning the status of recovery from the two events. The first administrative order (AO1) was issued on February 27, 2014, and addressed above-ground compliance issues, and required a weekly report to be submitted with regard to surface-related requirements of the Permit. On May 12, 2014, a second administrative order (AO2) was issued to address, in part, Permit-required activities that cannot currently be performed due to the inaccessibility of the underground. AO2 changes the reporting period from weekly to bi-weekly, with additional information required to supplement the information required by AO1. This report serves to fulfill the reporting requirements set forth by both AO1 and AO2. Paragraph 18(a) of AO2 states that informational requirements of both orders may be combined. The following sections combine the information required by both orders, as appropriate, and provide references to the applicable paragraphs from AO1 and AO2.

The Permittees are in the process of developing a WIPP Recovery Plan, which will provide the safe and environmentally sound approach for bringing the WIPP facility back to a fully operational state. In accordance with Paragraph 17(a) of AO2, the Permittees were required to submit a draft *Underground Compliance Plan* (UCP) to the NMED by June 26, 2014. Pertinent elements of the WIPP Recovery Plan will be integrated into the UCP as these elements pertain to the Permit-related requirements addressed by the AOs. The bi-weekly reports will provide a status of recovery-related activities, as outlined in AO1 and AO2, aimed at bringing the WIPP facility into full compliance with the terms and conditions of the Permit. The initial bi-weekly report was submitted to the NMED on June 13, 2014. In accordance with Paragraph 18(a) of AO2, subsequent reports will identify new information since the previous reporting period.

1.0 Status of Permit-related surface and underground inspections for this reporting period, as requested per Paragraph 14(a) of AO1 and Paragraphs 18(c) and 18(e)(iii) of AO2, including the accessibility for personnel performing these Permit-required activities per Paragraph 18(e)(i) of AO2 and the status of recovery activities per Paragraph 18(e)(ii)of AO2:

See Attachment 1, *Surface and Underground Inspections*, for the current status of each Permit-required inspection, including accessibility of underground equipment for personnel performing the inspections. This list is taken from Permit Attachment E, Table E-1. The surface and underground inspections required by Table E-1a related to remote-handled (RH) transuranic (TRU) waste are pre-operational. Because the WIPP facility has not been handling RH TRU waste, and there is no RH TRU waste being stored at the WIPP facility at this time, these pre-operational inspections do not currently apply. Inspections and preventative maintenance (PMs) are not required for equipment that is out of service. Prior to commencing RH TRU waste handling operations, PMs and/or inspections will be brought into a current/compliant status.

As indicated in Attachment 1, underground inspections cannot currently be performed due to the inaccessibility of the underground to personnel responsible for conducting the inspections. In accordance with Paragraph 17(a) of AO2, the Permittees were required to submit the draft UCP to the NMED by June 26, 2014. The order requires that the UCP shall include a detailed compliance schedule for those requirements described in Paragraph 13 of AO2. The compliance schedule includes a proposed timeline, including dates, for achieving underground recovery and attaining compliance with these Permit-required activities. Before these activities can resume, however, certain activities must be performed in order to establish the safety and habitability of the work areas in the underground. The UCP will be updated as information becomes available, and these updates will be provided to the NMED for review and comment prior to being incorporated. Updates to the UCP will be reflected in the bi-weekly reports, as required by Paragraph 18(c) of AO2.

2.0 Status of Permit-related monitoring activities for this reporting period, as requested per Paragraph 14(a) of AO1 and Paragraph 18(c) of AO2, including the accessibility for personnel performing these Permit-required activities per Paragraph 18(e)(i) of AO2 and the status of recovery activities per Paragraph 18(e)(ii)of AO2:

In accordance with Paragraph 17(a) of AO2, the Permittees were required to submit the draft UCP to the NMED by June 26, 2014. The order requires that the UCP shall include a detailed compliance schedule for those requirements described in Paragraph 13 of AO2. The compliance schedule includes a proposed timeline, including dates, for achieving underground recovery and attaining compliance with these Permit-required activities. Before underground monitoring activities can resume, however, certain activities must be performed in order to establish the safety and habitability of the work areas in the underground. The UCP will be updated as information becomes available, and these updates will be provided to the NMED for review and comment prior to being incorporated. Updates to the UCP will be reflected in the bi-weekly reports, as required by Paragraph 18(c) of AO2.

Volatile Organic Compound (VOC) Monitoring

Repository VOC monitoring activities (required by Permit Part 4, Section 4.6.2., including Table 4.6.2.3., and associated requirements in Attachment N) are not currently being performed due to the inaccessibility of the underground to personnel who perform these activities. Additionally, room-based VOC monitoring activities (required by Permit Part 4, Sections 4.4.3. and 4.6.3., Tables 4.4.1. and 4.6.3.2., and associated requirements in Attachment N) cannot currently be performed due to the inaccessibility of the underground to personnel who perform these activities.

Surface VOC monitoring is being conducted in lieu of underground monitoring during re-entry and recovery operations. Surface monitoring is being performed to determine its feasibility while the facility is in recovery operations and to assure that the Permit environmental performance standards (i.e., carcinogenic and non-carcinogenic risk due to VOC emissions from the disposed waste) for surface-based non-waste workers are met. Samples have been collected twice each week at two locations since February 25, 2014. These samples are 24-hour VOC samples collected on the surface near the Training Building and at the south fence line just behind the Waste Handling Building (WHB). These samples are intended to quantify VOC exposure to a receptor in the Training Building. The samples at the south fence line are intended to quantify background VOC concentrations in the ambient air. In accordance with Paragraph 19 of AO2, the Permittees began monitoring for trichloroethylene as a target analyte on May 12, 2014.

Geomechanical Monitoring

The purpose of geomechanical monitoring is to confirm the structural integrity of the underground repository. Geomechanical monitoring data are currently being transmitted electronically via remote equipment located in Rooms 6 and 7 of Panel 7 in accordance with Permit Part 4, Section 4.6.1., associated requirements in Attachment A2-5b(2), and Attachment E, Table E-2. Geomechanical monitoring activities that require the manual reading of underground equipment cannot currently be performed due to the inaccessibility of the underground to personnel who perform these activities. However, visual inspections of the underground areas during recent re-entries have shown that the ground is stable and is in sound condition.

Hydrogen and Methane Monitoring

Hydrogen and methane monitoring activities (required by Permit Part 4, Section 4.6.5. and associated requirements in Attachment N1) cannot currently be performed due to the inaccessibility of the underground to personnel who perform these activities.

Mine Ventilation Rate Monitoring

Mine ventilation rate monitoring activities (required by Permit Part 4, Section 4.6.4. and associated requirements of Attachment O) are currently being performed. However, due to reduced air flow in the underground because of filtration mode, the ventilation rate set forth by the Permit cannot be maintained. Because the ventilation system has been operating in filtration mode since February 14, 2014, with a flow rate of approximately 60,000 standard cubic feet per minute (SCFM), the Permittees will not be able to maintain the minimum running annual average ventilation flow rate of 260,000 SCFM required by Permit Part 4, Section 4.5.3.2. At the end of June 2014, the running annual average

ventilation flow rate was calculated to be 267,324 SCFM. It is expected that the running average annual flow rate will fall below the Permit-required minimum flow rate of 260,000 SCFM by the end of July 2014.

3.0 Actions taken with regard to TRU waste shipments that were en-route since February 5, 2014, as requested per Paragraph 14(b) of AO1:

Response was provided in the initial March 17, 2014, weekly submittal to the NMED per AO1.

4.0 Summary of waste shipment information and any other relevant records that document the site of origin, volumes and receipt dates of TRU waste that is currently located at the Facility WHB and Parking Area Unit, as requested per Paragraph 14(c) of AO1, and information specifying the deadlines for each individual waste assembly as it relates to AO1, as requested per Paragraph 14(d) of AO1:

All waste is currently being stored in the WHB. Since the submittal of the last bi-weekly report, there has been no additional waste placed in storage in the WHB, and there were no changes to the storage deadlines during this reporting period. Therefore, Attachment 2, *TRU Mixed Waste Currently in Storage at the WIPP Facility*, is currently reserved.

5.0 Records of inspection and maintenance of the ventilation and filtration system of the Facility WHB after the February 5, 2014, salt truck engine fire and the radiological event of February 14, 2014, as requested per Paragraph 14(e) of AO1:

See Attachment 3, *Ventilation Fans Inspection Round Sheets* (best available copies).

6.0 Location of any environmental monitoring equipment, including the identification of whether they are stationary, mobile, or permanent. This includes, but is not limited to VOC monitoring stations, radiological monitoring stations, meteorological monitoring, surface water monitoring, vegetation sampling. The reports shall include dates of deployment and sampling, and all data that has been produced by these monitoring stations for this reporting period, as requested per Paragraph 14(f) of AO1:

See Attachment 4, *Environmental Monitoring,* which includes tables with the locations of environmental monitoring equipment (including identification whether they are stationary, mobile, or permanent) and data for this reporting period. Aerial photos and diagrams displaying monitoring locations are included. The following briefly describes the monitoring information that is being provided in Attachment 4.

- VOC monitoring stations – Portable surface monitoring equipment has been deployed since February 25, 2014. Samples are being collected twice each week at two locations, as indicated in Attachment 4. The results of sample analyses are provided in Attachment 4.

- Meteorological monitoring data are being provided in Attachment 4 and on the enclosed compact disc.

- Radiological monitoring
  - Environmental air samples – Stationary low volume air samplers continuously sample air at the locations shown in Attachment 4.
  - Soil samples – Soil samples were obtained on the dates and locations shown in Attachment 4.
  - Surface water samples – Surface water samples were obtained on the dates and at the locations shown in Attachment 4.
  - Sediment samples – Sediment samples were obtained on the dates and at the locations shown in Attachment 4.
  - Biota (vegetation) samples – Vegetation samples were obtained on the dates and locations shown in Attachment 4.
  - Biota (fauna) samples – A biotic sample was obtained on the date shown in Attachment 4.
  - Salt samples – Salt samples were obtained on the dates and locations shown in Attachment 4.

7.0 The status of surface ventilation fans and timeline of operation since January 1, 2014, as requested per Paragraph 14(g) of AO1 and as specified by Paragraph 22 of AO2:

See Attachment 3, *Ventilation Fans Inspection Round Sheets* (best available copies).

8.0 Exhaust Filter Building HEPA filter differential pressure data beginning February 14, 2014, as requested per Paragraph 14(h) of AO1:

See Attachment 5, *Filter Differential Pressures,* and the Excel spreadsheet provided on the enclosed compact disc. The differential pressure values have been rounded to two decimal places to enhance usability.

9.0 Updates on activities performed pursuant to the Underground Derived Waste Storage Plan, including a description of any surface and underground derived waste produced, whether the derived waste is mixed or non-mixed, the contents, container type, container location, total container count, and approximate volume of derived waste per container, as requested per Paragraph 14(i) of AO1 and Paragraph 18(d) of AO2:

In accordance with Paragraph 17(b) of AO2, the draft *Underground Derived Waste Storage Plan* was required to be submitted to the NMED by June 26, 2014. During this reporting period, no additional derived waste was generated. As recovery efforts progress, any derived waste produced will be reported in Attachment 6, *Surface and Underground Derived Waste Currently in Storage at the WIPP Facility*, which is currently reserved.

10.0 The current status of activities required by the RCRA Contingency Plan, Permit Attachment D, including identification of applicable sections of the Contingency Plan, the schedule for actions required under the Contingency Plan, and any deviations from any Contingency Plan requirements, as requested per Paragraph 18(b) of AO2. Non-applicable sections shall also be identified and explanations shall be provided as to why such sections do not apply:

There has been no change in the status of the RCRA Contingency Plan implementation since the submittal of the last bi-weekly report. However, a supplement to the April 11, 2014 *Report of Implementation of the Waste Isolation Pilot Plant Facility Resource Conservation and Recovery Act Contingency Plan* was submitted to the NMED on July 7, 2014. The purpose of the supplement was to provide the NMED with supplemental information collected since the report was filed. Because the July 7, 2014, supplement is not specifically required by the RCRA Contingency Plan, Attachment 7, *Status of RCRA Contingency Plan Required Activities*, has not changed and is currently reserved.

11.0 The bi-weekly report shall include the submission of a list containing all additional requirements placed upon the WIPP by any state or federal agency relating to corrective actions or recovery and as a result of the incidents referenced in Paragraphs 8 and 9 of the May 12, 2014 Administrative Order, including requirements by other segments of DOE, as requested by Paragraph 18(f) of AO2:

During this reporting period, no additional requirements were placed upon the Permittees by any other state or federal agency relating to corrective actions or recovery and as a result of the incidents referenced in Paragraphs 8 and 9 of AO2, including requirements by other segments of the DOE. As additional JONs are identified as a result of the completion of subsequent phases of the AIB radiological release event investigation, they will be provided in Attachment 8, which is currently reserved.

12.0 The Permittees shall provide a paper copy of the Panel 7, Room 7 waste placement layout map or diagram, as required by Permit Section 4.8.2, as required by Paragraph 18(g) of AO2:

Attachment 9, *Waste Placement Layout Map*, was provided in the initial bi-weekly report submitted to the NMED on June 13, 2014. There have been no changes to this information since the initial submittal. This attachment is currently reserved.

13.0 The Permittees shall provide the most recent Weekly Map Update that shows waste disposal and mining activities for Panels 7 and 8, as requested per Paragraph 18(h) of AO2:

Attachment 10, *Weekly Map Update*, was provided in the initial bi-weekly report submitted to the NMED on June 13, 2014. There have been no changes to this information since the initial submittal. This attachment is currently reserved.

14.0 The Permittees shall provide documentation of the "as found" condition of Panel 7, including relevant photographs of the waste, as requested per Paragraph 18(i) of AO2:

Attachment 11, *As-Found Condition of Panel 7*, was provided in the initial bi-weekly report submitted to the NMED on June 13, 2014. There were no re-entries to Panel 7 during this

reporting period. Therefore, there have been no changes to information provided in the initial submittal of this report. This attachment is currently reserved.

15.0 The Permittees shall provide documentation of the "as found" condition of Panel 6 partial closure system, including relevant photographs, as requested per Paragraph 18(j) of AO2:

Response was provided in the initial bi-weekly report submitted to the NMED on June 13, 2014. There were no re-entries to Panel 6 during this reporting period. Therefore, there have been no changes to information provided in the initial submittal of this report.

16.0 The Permittees shall provide a status of recovery-related activities relative to the underground per Paragraph 18(e)(ii) of AO2 and a summary of recovery-related work performed in Panel 7, including relevant photographs, as requested per Paragraph 18(k) of AO2:

The Permittees have been performing radiological surveys during underground re-entries; however, no re-entries were made to the underground during this reporting period. A radiological buffer area (RBA) has been established in the underground area between the salt shaft and the air intake shaft. An RBA is an area where access is managed in order to protect individuals from exposure to radiation and/or radioactive materials. The other areas leading up to and including Panel 7 are Airborne Radiation Areas (ARAs) and High Contamination Areas (HCAs). In addition, the Permittees are in the process of finalizing the WIPP Recovery Plan. On June 17, 2014, filter replacement activities at the 41-B-856 filter unit were completed, and the 41-B-857 unit was isolated in preparation for the Mod and High-Efficiency filter change-out. On June 25, 2014, both filter units were placed back in operation. As the Permittees continue to conduct recovery activities, additional descriptions will be provided in subsequent reports. Relevant photographs will be included in Attachment 12, *Panel 7 Recovery-Related Work* (currently reserved).

17.0 The Permittees shall provide the status and description of the Waste Handling Building Unit ("WHB") and the Waste Shaft soot clean-up activities, as requested per Paragraph 18(l) of AO2:

As a result of the underground vehicle fire event on February 5, 2014, clean-up activities have been required to address the accumulation of soot in the Waste Handling Building and the Waste Hoist Tower.

Clean-up efforts in the following areas have been completed:

- All floors in the WHB, including 1st, 2nd, 3rd, 4th, and 5th floors of the Waste Hoist Tower
- Waste Hoist Control Room ventilation system and air intake ventilation ductwork
- Waste Hoist motor cooling duct, cooling coil, and filter housing
- Waste Hoist master control station and power convertor

A walk down was conducted on all areas affected by soot accumulation, and each area that has been cleaned was deemed satisfactory. Clean-up activities are now complete, with the exception of the electrical panels.

Attachment 1
Surface and Underground Inspections

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Air Intake Shaft Hoist	Underground Operations	Preoperational	WP 04-HO1004 Inspecting for Deterioration, Safety Equipment, Communication Systems, and Mechanical Operability in accordance with Mine Safety and Health Administration (MSHA) requirements	Current	7/11/14	N/A	Inspection performed daily before Hoist is declared in service.
Exhaust Shaft	Underground Operations	Quarterly	PM041099 Inspecting for Deterioration and Leaks/Spills	Not Current	12/31/13 (Due 3/31/14)	TBD	Shaft is not accessible due to the fire and radiological events, and inspections cannot be performed.
Salt Handling Shaft Hoist	Underground Operations	Preoperational	WP 04-HO1002 Inspecting for Deterioration, Safety Equipment, Communication Systems, and Mechanical Operability in accordance with MSHA requirements	Current	7/11/14	N/A	Inspection performed daily before Hoist is declared in service.
Self-Rescuers	Underground Operations	Quarterly	WP 04-AU1026 Inspecting for Deterioration and Functionality in accordance with MSHA requirements	Current	6/27/14	N/A	
Underground Openings—Roof Bolts and Travelways	Underground Operations	Weekly	WP 04-AU1007 Inspecting for Deterioration	Not Current	1/29/14	1/31/16	Underground is not accessible due to the fire and radiological events, and inspections cannot be performed. Note that partial underground openings inspections are being performed by re-entry teams, but not the full weekly underground openings inspection.
Waste Hoist	Underground Operations	Preoperational	WP 04-HO1003 Inspecting for Deterioration, Safety Equipment, Communication Systems, and Mechanical Operability, Leaks/Spills, in accordance with MSHA requirements	Current	2/5/14	8/31/14	Hoist is not accessible due to the fire and radiological events, and inspections cannot be performed.

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Explosion-Isolation Walls	Underground Operations	Quarterly	Integrity and Deterioration of Accessible Areas	Not Current	2/3/14 (Panel 1 and Panel 2) 11/4/13 (Panel 5)	1/31/16	Structures are not accessible due to the fire and radiological events, and inspections cannot be performed.
Bulkhead in Filled Panels	Underground Operations	Monthly	Integrity and Deterioration of Accessible Areas	Not Current	N/A	1/31/16	Area is not accessible due to the fire and radiological events, and inspections cannot be performed. Inspection records are located in the underground and are, therefore, not accessible.
MSHA Air Quality Monitor	Maintenance/ Underground Operations	Daily	WP 12-IH1828 Inspecting for Air Quality Monitoring Equipment Functional Check	Current	7/11/14	N/A	
Ambulances (Surface) and related emergency supplies and equipment	Emergency Services	Weekly	12-FP0030 Inspecting for Mechanical Operability, Deterioration, and Required Equipment	Current	7/13/14	N/A	
Ambulances (Underground) and related emergency supplies and equipment	Emergency Services	Weekly	12-FP0030 Inspecting for Mechanical Operability, Deterioration, and Required Equipment	Not Current	2/8/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
Fire Detection and Alarm System (Surface)	Emergency Services	Semiannually	12-FP0027 Inspecting for Deterioration, Operability of indicator lights and, underground fuel station dry chemical suppression system. Inspection is per NFPA 17	Current	1/7/14 (Due 7/7/14)	N/A	

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Fire Detection and Alarm System (Underground)	Emergency Services	Semiannually	12-FP0027 Inspecting for Deterioration, Operability of indicator lights and, underground fuel station dry chemical suppression system. Inspection is per NFPA 17	Not Current	2/8/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
Fire Extinguishers (Surface)	Emergency Services	Monthly	12-FP0036 Inspecting for Deterioration, Leaks/Spills, Expiration, seals, fullness, and pressure	Current	6/30/14 (Due7/31/14)	N/A	
Fire Extinguishers (Underground)	Emergency Services	Monthly	12-FP0036 Inspecting for Deterioration, Leaks/Spills, Expiration, seals, fullness, and pressure	Not Current	2/8/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
Fire Hoses	Emergency Services	Annually (minimum)	12-FP0031 Inspecting for Deterioration and Leaks/Spills	Current	3/26/14	N/A	
Fire Hydrants	Emergency Services	Semi-annual/ annually	12-FP0034 Inspecting for Deterioration and Leaks/Spills	Current	11/23/13 (Annual) 3/28/14 (Semi-annual)	N/A	
Fire Pumps	Emergency Services	Weekly/annually	WP 12-FP0026 Inspecting for Deterioration, Leaks/Spills, valves, and panel lights	Current	7/7/14	N/A	
Fire Sprinkler Systems	Emergency Services	Monthly/quarterly	WP 12-FP0025 Inspecting for Deterioration, Leaks/Spills, static pressures, and removable strainers	Current	7/8/14, 7/9/14, 7/10/14	N/A	
Fire and Emergency Response Trucks (Seagrave Fire Apparatus, Emergency One Apparatus)	Emergency Services	Weekly	12-FP0033 Inspecting for Mechanical Operability, Deterioration, Leaks/Spills, and Required Equipment	Current	7/11/14	N/A	

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Fire and Emergency Response Trucks (Underground Rescue Truck)	Emergency Services	Weekly	12-FP0033 Inspecting for Mechanical Operability, Deterioration, Leaks/Spills, and Required Equipment	Not Current	2/8/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
Hazardous Material Response Equipment	Emergency Services	Weekly	12-FP0033 Inspecting for Mechanical Operability, Deterioration, and Required Equipment	Current	7/8/14	N/A	
Miners First Aid Station	Emergency Services	Quarterly	12-FP0035 Inspecting for Required Equipment	Not Current	2/8/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
Personal Protective Equipment (not otherwise contained in emergency vehicles or issued to individuals): —Self-Contained Breathing Apparatus	Emergency Services	Weekly	12-FP0029 Inspecting for Deterioration and Pressure	Current	7/12/14	N/A	
Rescue Truck (Surface)	Emergency Services	Weekly	12-FP0030 and 12-FP0033 Inspecting for Mechanical Operability, Deterioration, Leaks/Spills, and Required Equipment	Current	7/10/14	N/A	
Rescue Truck (Underground)	Emergency Services	Weekly	12-FP0030 and 12-FP0033 Inspecting for Mechanical Operability, Deterioration, Leaks/Spills, and Required Equipment	Not Current	2/8/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
Vehicle Siren (Surface Vehicles)	Emergency Services	Weekly	Functional Test included with inspection of the Ambulances, Fire Trucks, and Rescue Trucks	Current	7/10/14, 7/11/14, 7/13/14	N/A	

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Vehicle Siren (Underground Vehicles)	Emergency Services	Weekly	Functional Test included with inspection of the Ambulances, Fire Trucks, and Rescue Trucks	Not Current	2/8/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
Adjustable Center of Gravity Lift Fixture	Waste Handling	Preoperational	WP 05-WH1410 Inspecting for Mechanical Operability and Deterioration	Current	6/30/14 (41-T-035)	N/A	There are four ACGLFs, but the pre-operational inspection was only performed on the one fixture listed. The other ACGLFs will be inspected prior to use.
Contact-Handled (CH) TRU Underground Transporter	Waste Handling	Preoperational	WP 05-WH1603 Inspecting for Mechanical Operability, Deterioration, and area around transporter clear of obstacles	Current	2/5/14	When waste disposal operations resume	Equipment not in use due to the fire and radiological events. The underground is not accessible, and inspections cannot be performed.
Conveyance Loading Car	Waste Handling	Preoperational	WP 05-1406 Inspecting for Mechanical Operability, Deterioration, path clear of obstacles and guards in the proper place	Current	2/5/14	When waste disposal operations resume	Equipment not in use due to the fire and radiological events. The underground is not accessible, and inspections cannot be performed.
Facility Transfer Vehicle	Waste Handling	Preoperational	WP 05-WH1204 Inspecting for Mechanical Operability, Deterioration, path clear of obstacles, and guards in the proper place	Current	6/26/14 (41-H-020A)	N/A	There are two transfer vehicles, but the pre-operational inspection was only performed on the one fixture listed. The other fixtures will be inspected prior to use.

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Forklifts Used for Waste Handling (Electric and Diesel forklifts, Push-Pull Attachment) on Surface	Waste Handling	Preoperational	WP 05-WH1201, WP 05-WH1207, WP 05-WH1401, WP 05-WH1402, WP 05-WH1403, and WP 05-WH1412 Inspecting for Mechanical Operability, Deterioration, and On board fire suppression system	Current	7/7/14 (41-H-009) 7/10/14 (41-H-012C) 7/11/14 (41-H-012D) (41-H-053) (41-H-013) 7/13/14 (41-H-012E)	N/A	
Forklifts Used for Waste Handling (Electric and Diesel forklifts, Push-Pull Attachment) in Underground	Waste Handling	Preoperational	WP 05-WH1201, WP 05-WH1207, WP 05-WH1401, WP 05-WH1402, WP 05-WH1403, and WP 05-WH1412 Inspecting for Mechanical Operability, Deterioration, and On board fire suppression system	Current	2/5/14	When waste disposal operations resume	Equipment not in use due to the fire and radiological events. The underground is not accessible, and inspections cannot be performed.
Surface TRU Mixed Waste Handling Area	Waste Handling	Preoperational or Weekly	WP 05-WH1101 Inspecting for Deterioration, Leaks/Spills, Required Aisle Space, Posted Warnings, Communication Systems, Container Condition, and Floor coating integrity	Current	7/7/14 (Weekly) 7/13/14 (Daily)	N/A	
TRU Mixed Waste Decontamination Equipment	Waste Handling	Annually	WP 05-WH1101 Inspecting for Required Equipment	Current	12/31/13	N/A	
Underground TRU Mixed Waste Disposal Area	Waste Handling	Preoperational	WP 05-WH1810 Inspecting for Deterioration, Leaks/Spills, mine pager phones, equipment, unobstructed access, signs, debris, and ventilation	Current	2/5/14	When waste disposal operations resume	Equipment not in use due to the fire and radiological events. The underground is not accessible, and inspections cannot be performed.

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
TDOP Upender	Waste Handling	Preoperational	WP 05-WH1010 Inspecting for Mechanical Operability and Deterioration	Current	10/9/13	When waste disposal operations resume	Equipment not in use due to the fire and radiological events. The underground is not accessible, and inspections cannot be performed.
Waste Handling Cranes	Waste Handling	Preoperational	WP 05-WH1407 Inspecting for Mechanical Operability, Deterioration, and Leaks/Spills	Current	6/30/14 (41-T-151D)	N/A	There are four cranes, but the pre-operational inspection was only performed on the one crane listed. The other cranes will be inspected prior to use.
Push-Pull Attachment (Surface)	Waste Handling	Preoperational	WP 05-WH1401 Inspecting for Damage and Deterioration	Current	7/2/14 (41-T-160A)	N/A	
Push-Pull Attachment (Underground)	Waste Handling	Preoperational	WP 05-WH1401 Inspecting for Damage and Deterioration	Current	2/5/14	When waste disposal operations resume	Equipment not in use due to the fire and radiological events. The underground is not accessible, and inspections cannot be performed.
Trailer Jockey	Waste Handling	Preoperational	WP 05-WH1405 Inspecting for Mechanical Operability and Deterioration	Current	7/11/14 (41-H-151B)	N/A	There are three Trailer Jockeys, but the pre-operational inspection was only performed on the one listed. The other Trailer Jockeys will be inspected prior to use.
Bolting Robot	Waste Handling	Preoperational	WP 05-WH1203 Mechanical Operability	Current	6/29/12	When waste disposal operations resume	Equipment is currently out of service.
Yard Transfer Vehicle	Waste Handling	Preoperational	WP 05-WH1205 Mechanical Operability, clear of obstacles and Guards in proper place	Current	6/26/14 (41-Z-021B)	N/A	There are two yard transfer vehicles (YTVs), but the pre-operational inspection was only performed on the one YTV listed. The other YTV will be inspected prior to use.

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Payload Transfer Station	Waste Handling	Preoperational	WP 05-WH1208 Mechanical Operability, Deterioration, and Guards in proper place	Current	6/26/14 (41-Z-041)	N/A	
Monorail Hoist	Waste Handling	Preoperational	WP 05-WH1202 Mechanical Operability, and leaks/spills	Current	6/26/14 (41-H-027)	N/A	
Bolting Station	Waste Handling	Preoperational	WP 05-WH1203 Mechanical Operability, Deterioration, and Guards in proper place	Current	6/26/14 (41-T-053A) (41-T-054A)	N/A	
Backup Power Supply Diesel Generators	Facility Operations	Monthly	WP 04-ED1301 Inspecting for Mechanical Operability and Leaks/Spills by starting and operating both generators. Results of this inspection are logged in accordance with WP 04-AD3008.	Current	7/11/14 (#1) 6/28/14 (#2)	N/A	
Central Monitoring System (CMS)	Facility Operations	Continuous	Automatic Self-Checking	Current	Automatic	N/A	
Mine Pager Phones (between surface and underground)	Facility Operations	Monthly	WP 04-PC3017 Testing of PA and Underground Alarms and Mine Page Phones at essential locations	Not Current	1/30/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
Public Address (and Intercom System) on Surface	Facility Operations	Monthly	WP 04-PC3017 Testing of PA and Underground Alarms and Mine Page Phones at essential locations Systems operated in test mode	Current	6/30/14	N/A	
Public Address (and Intercom System) in Underground	Facility Operations	Monthly	WP 04-PC3017 Testing of PA and Underground Alarms and Mine Page Phones at essential locations Systems operated in test mode	Not Current	1/30/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Radio Equipment	Facility Operations	Daily	Radios are operated daily and are repaired upon failure	Current	7/13/14	N/A	
Uninterruptible Power Supply (Central UPS)	Facility Operations	Daily	WP 04-ED1542 Inspecting for Mechanical Operability and Deterioration with no malfunction alarms. Results of this inspection are logged in accordance with WP 04-AD3008.	Current	7/13/14	N/A	
Water Tank Level	Facility Operations	Daily	SDD-WD00 Inspecting for Deterioration, and water levels. Results of this inspection are logged in accordance with WP 04-AD3008.	Current	7/13/14	N/A	
Facility Inspections (Water Diversion Berms)	Facility Engineering	Annually	WP 10-WC3008 Inspecting for Damage, Impediments to water flow, and Deterioration	Current	9/25/13	N/A	
Eye Wash and Shower Equipment (Surface)	Equipment Custodian	Weekly	WP 12-IS1832 Inspecting for Deterioration	Current	6/30/14, 7/2/14, 7/7/14, 7/9/14	N/A	
Eye Wash and Shower Equipment (Underground)	Equipment Custodian	Weekly	WP 12-IS1832 Inspecting for Deterioration	Not Current	N/A	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed. Inspection records are located in the underground and are, therefore, not accessible.
Perimeter Fence, Gates, Signs	Security	Daily	PF0-010 Inspecting for Deterioration and Posted Warnings	Current	7/13/14	N/A	
Underground— Geomechanical Instrumentation System (GIS)	Geotechnical Engineering	Monthly	WP 07-EU1301 Inspecting for Deterioration	Current	6/24/14	N/A	Complete at accessible areas.

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Ventilation Exhaust	Maintenance Operations	Quarterly	IC041098 Check for Deterioration and Calibration of Mine Ventilation Rate Monitoring Equipment	Not Current	41F30703 Fan A (11/9/13) 41F30704 Fan B (5/20/13) 41F30702 Fan C (12/18/13)	1/31/16	Equipment not in use due to the fire and radiological events. The underground is not accessible, and inspections cannot be performed.

[1]Inspection proposed start date of 1/31/16 is an estimate from the WIPP Recovery Plan. Inspections may be initiated prior to 1/31/16 as work zones are released in the underground. Therefore, 1/31/16 is a "placeholder," and proposed start dates may be revised as recovery work progresses.

Attachment 2
TRU Mixed Waste Currently in Storage at the WIPP Facility (reserved)

Attachment 3
Ventilation Fans Inspection Round Sheets

Round Sheet Legend

Circled Numbers ②	Note numbers on the Comment Section of the Round Sheet
AR	Action Request
EFB	Exhaust Filter Building
I/S	In Service
MBP	Maintenance Bypass
Sec	Secured
STBY	Standby
Tag	Tagged Out
DP	Differential Pressure
″wc	Inches Water Column

Facility Site Operations and Infrastructure Ventilation Fans Round Sheet

DATE: 063014 - 070614

Location:	DAY	SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
413, EXHAUST FILTER BLDG.	SHIFT	2	1	2	1	A	1	A	1	A	1	2	1	2	1	2
UVFS FANS	REVIEWER															
	FOT	C/O														

Original Signatures on File

ITEM	MIN	NORM	MAX														
413-CP-056-01																	
CONTROL PANEL 860 FANS [A]		SAT [B]		1		1		1		1		1		1		1	
413-CP-307-01B																	
CONTROL PANEL 700 FANS [A]		SAT [B]		2		2		2		2		2		2		2	
35P-PBJ/1 @ Bldg. 365																	
860A U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG
35P-PBJ/1 @ Bldg. 365																	
860B U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC
35P-PBJ/1 @ Bldg. 365																	
860C U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]	63.83	64.70	63.9	63.9	64.1	63	62.4	60.16	62.8	60.88	59.86	59.76	59.6	59.8	59.84
413-CP-307-01J																	
700A U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG
413-CP-307-01K																	
700B U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG
413-CP-307-01H																	
700C U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG

INFORMATION ONLY

NOTES: [A] - CHECK THAT THE AUDIBLE ALARM SOUNDS AND THE ALARM LIGHTS ILLUMINATE. [B] - IF NORMAL CONDITIONS EXIST, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION. [C] - FLOW READINGS TAKEN AT STA. B), (NOTE: EFB HVAC FLOW INCLUDED IN STA. B READING). [D] - VENTILATION MODES (chart below)

NORMAL MODE (flow per fan l/S) -	MIN = 202	NORM = 212	MAX = 223	MBP MODE w/ 1-860/1-700 FANS (combined flow of all fans l/S) -	MIN = 200	MAX = 275
ALTERNATE MODE (flow per fan l/S) -	MIN = 247	NORM = 260	MAX = 273	MBP MODE w/ 1-860/2-700 FANS (combined flow of all fans l/S) -	MIN = 395	MAX = 425
MINIMUM MODE (flow per fan l/S) -	MIN = 57	NORM = 60	MAX = 63	MBP MODE w/ 2-860/1-700 FANS (combined flow of all fans l/S) -	MIN = 200	MAX = 275
REDUCED MODE (flow per fan l/S) -	MIN = 57	NORM = 60	MAX = 63	MBP MODE w/ 2-860/2-700 FANS (combined flow of all fans l/S) -	MIN = 395	MAX = 425
FILTRATION MODE (flow per fan l/S) -	MIN = 57	NORM = 60	MAX = 63			

COMMENTS: 1) Low Flow Alarm AR 1404207 3) Out of Spec Due to HVAC's (BOTH TRAINS)
2) Alarm OOS AR 1307584

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EA04AD3008-7-0
Rev. 2

April 17,2014
Page 1 of 1

Facility Site Operations and Infrastructure Ventilation Fans Round Sheet

DATE: 7/7/14 - 7/13/14

Location: 413, EXHAUST FILTER BLDG. UVFS FANS				DAY	SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
				SHIFT	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
				REVIEWER	Original Signatures on File														
				FOT	C/O														
ITEM	MIN	NORM	MAX																
413-CP-056-01																			
CONTROL PANEL 860 FANS [A]		SAT [B]			1		1		1		1		1		1		1		1
413-CP-307-01B																			
CONTROL PANEL 700 FANS [A]		SAT [B]			2		2		2		2		2		2		2		2
35P-PBJ/1 @ Bldg. 365																			
860A U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]		TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG
35P-PBJ/1 @ Bldg. 365																			
860B U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]		SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC	SEC
35P-PBJ/1 @ Bldg. 365																			
860C U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]		59.84	60.47	61.9	62.68	61.7	62	61.75	63.00	61.98	62	62.35	61.95	61.34	61.84	62.78
413-CP-307-01J																			
700A U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]		TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG
413-CP-307-01K																			
700B U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]		TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG
413-CP-307-01H																			
700C U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]		TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG	TAG

NOTES: [A] - CHECK THAT THE AUDIBLE ALARM SOUNDS AND THE ALARM LIGHTS ILLUMINATE. [B] - IF NORMAL CONDITIONS EXIST, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION. [C] - FLOW READINGS TAKEN AT STA. B), (NOTE: EFB HVAC FLOW INCLUDED IN STA. B READING). [D] - VENTILATION MODES (chart below)

NORMAL MODE (flow per fan l/S) -	MIN = 202	NORM = 212	MAX = 223	MBP MODE w/ 1-860/1-700 FANS (combined flow of all fans l/S) -	MIN = 200 MAX = 275
ALTERNATE MODE (flow per fan l/S) -	MIN = 247	NORM = 260	MAX = 273	MBP MODE w/ 1-860/2-700 FANS (combined flow of all fans l/S) -	MIN = 395 MAX = 425
MINIMUM MODE (flow per fan l/S) -	MIN = 57	NORM = 60	MAX = 63	MBP MODE w/ 2-860/1-700 FANS (combined flow of all fans l/S) -	MIN = 200 MAX = 275
REDUCED MODE (flow per fan l/S) -	MIN = 57	NORM = 60	MAX = 63	MBP MODE w/ 2-860/2-700 FANS (combined flow of all fans l/S) -	MIN = 395 MAX = 425
FILTRATION MODE (flow per fan l/S) -	MIN = 57	NORM = 60	MAX = 63		

COMMENTS: ① AR 1404207, LOW FLOW ALARM
② AR 1307584 ALARM OBS

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Rev. 2

April 17,2014
Page 1 of 1

Facility Site Operations and Infrastructure WHB CH Room D/P / HVAC / Air Dryer Round Sheet

Date: 063014 - 070614

Location: COMPUTER STATIONS
CMR, FSM DESK, LOCAL
411, WHB MECH EQUIP RM 200 & 208

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ITEM	MIN	NORM	MAX	SUN 2	MON 1	2	TUES 1	2	WED 1	2	THURS 1	2	FRI 1	2	SAT 1	2	SUN 1	2
WHB CH ROOM DPs																		
SHIELDED STORAGE RM PDD-026A "wc				-.11	-.12		-.14		-.11		-.11		-.13		-.11		-.10	
CH AREA ROOM 103 PDD-026B "wc	-0.02			-.10	-.09		-.09		-.09		-.11		-.13		-.13		-.11	
SITE GEN WASTE RM. PDD-026C "wc				-.02	-.03		-.04		0		-.04		-.06		-.04		-.02	
EQUIP DECON RM. PDD-026D "wc				-.09	-.07		-.05		-.07		-.09		-.11		-.11		-.09	
OVERPACK & REPAIR RM PDD-026E "wc	-0.04			-.11	-.10		-.09		-.09		-.14		-.15		-.14		-.15	
CAGE LOADING ROOM PDD-006 "wc				.05	.07		-.01		-.02		.21		.26		.26		.18	
AIRLOCK ROOM 107 PDD-007 "wc				.08	-.08		-.11		-.05		-.07		-.11		-.11		-.12	
HVAC CONTROL PANEL CHECKS																		
411-CP-052-15 (835/836 EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-063-16 (861/863 AHUS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-052-14 (813/817 CH TRAIN)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-052-13 (812/816 CH TRAIN)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
WASTE HANDLING BUILDING AIR DRYER																		
K-015 OUTLET (PSI)	95		135	115	115	115	113	115	115	115	115	115	115	116	114	115	115	117
K-015 AQUADEX INDICATOR		BLUE [A]		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
K-015 AUTO BLOWDOWNS /TEST		SAT [A]		✓		✓		✓		✓		✓		✓		✓		✓
K-015 DRYER MODE		AMLOC [A]		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

NOTES: [A] - IF NORMAL CONDITIONS EXIST, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION.

COMMENTS: 1) PMK AR 1405709

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Rev. 1

March 22, 2013
Page 1 of 1

Facility Site Operations and Infrastructure WHB CH Room D/P / HVAC / Air Dryer Round Sheet

Date: 7/7/14 - 7/13/14

Location:		DAY		SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
COMPUTER STATIONS		SHIFT		2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
CMR, FSM DESK, LOCAL		REVIEWER			Original Signatures on File													
411, WHB MECH EQUIP RM 200 & 208		FOT		C/O														
ITEM	MIN	NORM	MAX															
WHB CH ROOM DPs																		
SHIELDED STORAGE RM PDD-026A "wc				-.10	-.11		-.11		-.12		-.11		-.09		-.13		-.14	
CH AREA ROOM 103 PDD-026B "wc	-0.02			-.11	-.10		-.11		-.10		-.11		-.07		-.10		-.10	
SITE GEN WASTE RM. PDD-026C "wc				-.02	-.03		-.03		-.03		-.03		.01		.01		+.01	
EQUIP DECON RM. PDD-026D "wc				-.09	-.08		-.09		-.08		-.08		-.14		-.13		-.13	
OVERPACK & REPAIR RM PDD-026E "wc	-0.04			-.15	-.11		-.12		-.12		-.11		-.12		-.11		-.11	
CAGE LOADING ROOM PDD-006 "wc				.18	.23		.15		.04		.05		0.0		.05		.04	
AIRLOCK ROOM 107 PDD-007 "wc				-.12	-.07		-.07		-.09		-.07		-.1		-.08		-.10	
HVAC CONTROL PANEL CHECKS																		
411-CP-052-15 (835/836 EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-063-16 (861/863 AHUS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-052-14 (813/817 CH TRAIN)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-052-13 (812/816 CH TRAIN)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
WASTE HANDLING BUILDING AIR DRYER																		
K-015 OUTLET (PSI)	95		135	117	116	118	116	118	120	119	120	120	120	121	119	118	119	116
K-015 AQUADEX INDICATOR		BLUE [A]		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
K-015 AUTO BLOWDOWNS /TEST		SAT [A]		✓		✓		✓		✓		✓		✓		✓		✓
K-015 DRYER MODE		AMLOC [A]		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

NOTES: [A] - IF NORMAL CONDITIONS EXIST, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION.

COMMENTS: 1 AR 1405709 PINK

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Rev. 1

March 22, 2013
Page 1 of 1

Facility Site Operations and Infrastructure RH Room D/P and HVAC Panel Round Sheet

Date: 063014 - 070414

Location:			DAY		SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
COMPUTER STATIONS			SHIFT		2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
CMR, FSM DESK, LOCAL			REVIEWER			Original Signatures on File													
411, WHB MECH EQUIP RM 200 & 208			FOT		C/O														
ITEM		MIN	NORM	MAX															
RH ROOM DPs																			
OPERATING GALLERY	PDD-01 "wc				-.12	.11		.09		-.1		.11		-.1		0		0	
MANIP. REPAIR RM.	PDD-21A "wc				-.15	-.15		-.14		-.14		-.15		-.03		-.03		-.03	
FILTER GALLERY	PDD-21B "wc				-.11	-.10		-.10		-.09		-.11		0		0		0	
CASK LOADING RM.	PDD-21C "wc				-.20	-.20		-.19		-.19		-.20		-.03		-.03		-.03	
CASK TRANSFER CELL	PDD-21D "wc				-.30	-.30		-.29		-.30		-.27		-.04		-.04		-.05	
WASTE HOIST OPER RM	PDD-21G "wc				-.04	.11		.07		.05		-.17		-.01		-.02		-.02	
SERVICE ROOM	PDD-21H "wc	-0.00		-0.15	-.15	-.14		-.14		-.14		-.15		0		0		0	
RH BAY	PDD-21F "wc	0.02		0.7	.04	.05		.05		.03		-.01 (1)		-.38 (1)		-.29 (1)		-.3 (1)	
HOT CELL	PDT-52 "wc	-0.04		-1.1	-.65	-.65		-.67		-.65		-.65		-.65		-.64		-.65	
HVAC CONTROL PANEL CHECKS																			
411-CP-051-10	(803/805 AHU/EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-051-11	(804/806 AHU/EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-051-12	(878 A/B EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-058-17	(807 AHU FAN)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	

NOTES: [A] - IF NORMAL CONDITIONS EXIST, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION.

COMMENTS: (1) Out of spec. RH HVAC secured

APPROVED FOR USE/DATE: Original Signature on File

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EA04AD3008-23-0
Rev. 2

March 19, 2013
Page 1 of 1

Facility Site Operations and Infrastructure RH Room D/P and HVAC Panel Round Sheet

Date: 7/7/14 - 7/13/14

Location:			DAY		SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
COMPUTER STATIONS			SHIFT		2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
CMR, FSM DESK, LOCAL			REVIEWER																
411, WHB MECH EQUIP RM 200 & 208			FOT		C/O														
ITEM		MIN	NORM	MAX															
RH ROOM DPs																			
OPERATING GALLERY	PDD-01 "wc				0 ①	0 ①		0 ①		①		①		①		①		①	
MANIP. REPAIR RM.	PDD-21A "wc				-.03	-.03		0											
FILTER GALLERY	PDD-21B "wc				0	0		0											
CASK LOADING RM.	PDD-21C "wc				-.03	-.02		-.01											
CASK TRANSFER CELL	PDD-21D "wc				-.05	-.04		-.04											
WASTE HOIST OPER RM	PDD-21G "wc				-.02	.26		.19											
SERVICE ROOM	PDD-21H "wc	-0.00		-0.15	0	0		-.01											
RH BAY	PDD-21F "wc	0.02		0.7	-.3 ①	-.25 ①		-.06 ①											
HOT CELL	PDT-52 "wc	-0.04		-1.1	-.65	-.64		-.65											
HVAC CONTROL PANEL CHECKS																			
411-CP-051-10	(803/805 AHU/EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-051-11	(804/806 AHU/EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-051-12	(878 A/B EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-058-17	(807 AHU FAN)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	

Original Signatures on File

NOTES: [A] - IF NORMAL CONDITIONS EXIST, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION.

COMMENTS: ① RH HVAC SECURED

APPROVED FOR USE/DATE: Original Signature on File

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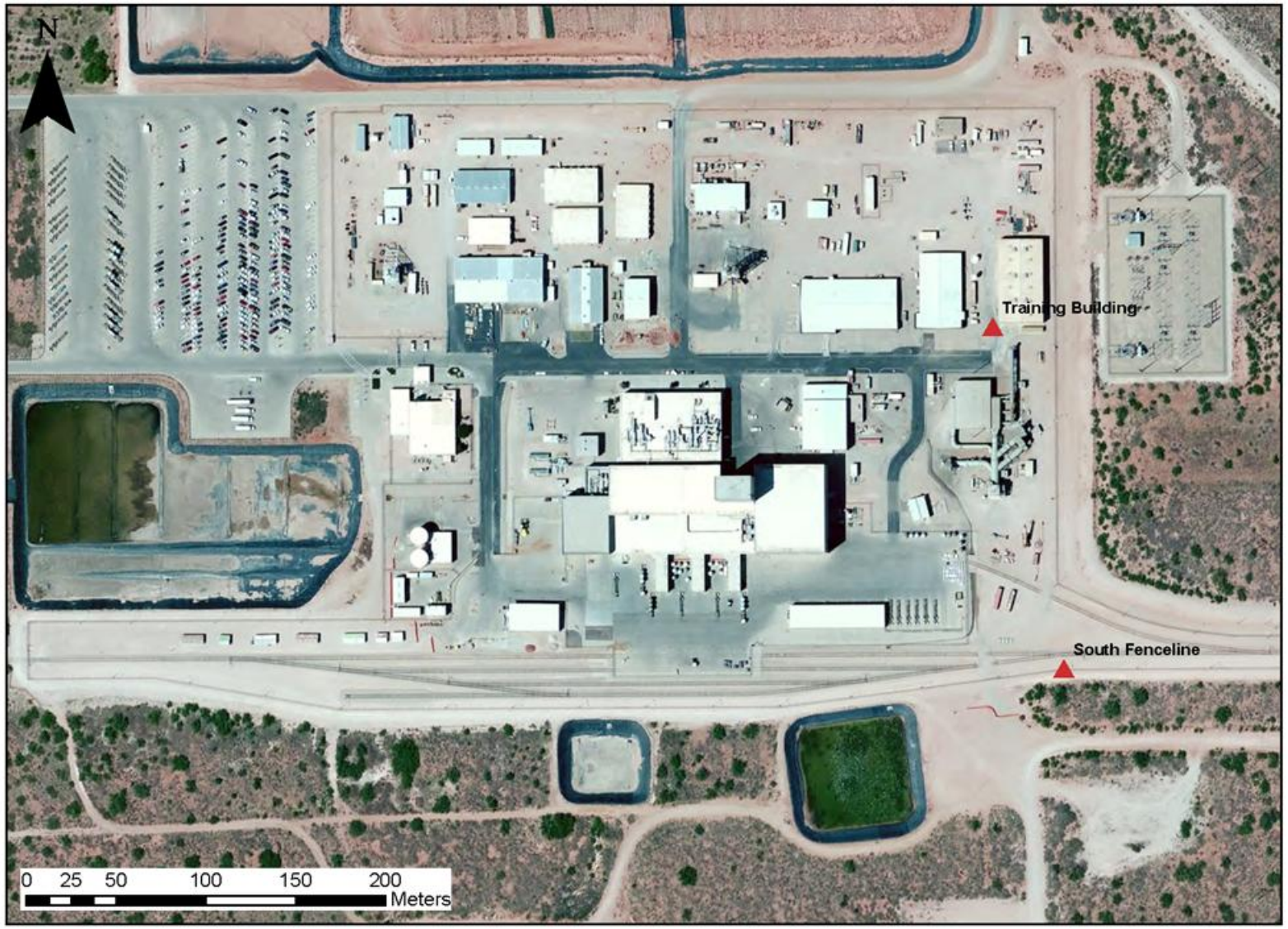
EA04AD3008-23-0
Rev. 2

March 19, 2013
Page 1 of 1

Attachment 4
Environmental Monitoring

- VOC Monitoring Meteorological Monitoring
- Meteorological Monitoring
- Radiological Monitoring
  - Environmental Air Sampling
  - Soil Sampling
  - Surface Water Sampling
  - Sediment Sampling
  - Biota (Vegetation) Sampling
  - Biota (Fauna) Sampling
  - Salt Sampling



VOC Sampling Locations

Validated VOC Monitoring Data – Surface Sampling at the WIPP

analytical services by Carlsbad Environmental Monitoring & Research Center (CEMRC)

Lab	Sample Date	Analysis Date	Sample ID	Location	Compound	CAS	MRL (ppbv)*	Concentration (ppbv)
CEMRC	6/11/2014	6/16/2014	9002	Training Building	Methylene Chloride	75-09-2	0.4	0.12 J
CEMRC	6/11/2014	6/16/2014	9002	Training Building	Carbon Tetrachloride	56-23-5	0.4	0.14 J
CEMRC	6/11/2014	6/16/2014	9002	Training Building	1,1,1-Trichloroethane	71-55-6	0.4	U
CEMRC	6/11/2014	6/16/2014	9002	Training Building	Chlorobenzene	108-90-7	0.4	U
CEMRC	6/11/2014	6/16/2014	9002	Training Building	Toluene	108-88-3	0.4	0.14 J
CEMRC	6/11/2014	6/16/2014	9002	Training Building	Chloroform	67-66-3	0.4	U
CEMRC	6/11/2014	6/16/2014	9002	Training Building	1,1-Dichloroethylene	75-35-4	0.4	U
CEMRC	6/11/2014	6/16/2014	9002	Training Building	1,1,2,2-Tetrachloroethane	79-34-5	0.4	U
CEMRC	6/11/2014	6/16/2014	9002	Training Building	1,2-Dichloroethane	107-06-2	0.4	U
CEMRC	6/11/2014	6/16/2014	9002	Training Building	Trichloroethylene (1)	79-01-6	0.4	U
CEMRC	6/11/2014	6/16/2014	9002	Training Building	Acetone	67-64-1		1.7 NJ
CEMRC	6/11/2014	6/16/2014	9002	Training Building	Butane	106-97-8		5.32 NJ
CEMRC	6/11/2014	6/16/2014	9002	Training Building	Butane, 2-methyl-	78-78-4		1.82 NJ
CEMRC	6/11/2014	6/16/2014	9002	Training Building	Dichlorodifluoromethane	75-71-8		0.56 NJ
CEMRC	6/11/2014	6/16/2014	9002	Training Building	Octanal	124-13-0		0.58 NJ
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	Methylene Chloride	75-09-2	0.4	U
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	Carbon Tetrachloride	56-23-5	0.4	0.14 J
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	1,1,1-Trichloroethane	71-55-6	0.4	U
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	Chlorobenzene	108-90-7	0.4	U
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	Toluene	108-88-3	0.4	0.18 J
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	Chloroform	67-66-3	0.4	U
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	1,1-Dichloroethylene	75-35-4	0.4	U

Qualifiers:

J = Estimated value; below laboratory's method reporting limit (MRL), but above method detection limit (MDL).
U = Compound not detected above the MDL.
NJ = Presumptive evidence of the presence of the compound at an estimated quantity; only used for tentatively identified compounds (TICs).

Notes:

(1) Starting with samples collected on or after May 12, 2014, trichloroethylene (TCE) is a target analyte in compliance with Administrative Order dated 5/12/2014. For samples collected before 5/12/2014, TCE is an additional requested analyte; not a Permit-prescribed target analyte but included in the laboratory quantitative analysis.

* A value will not appear in the MRL column for TICs.

Validated VOC Monitoring Data – Surface Sampling at the WIPP

analytical services by Carlsbad Environmental Monitoring & Research Center (CEMRC)

Lab	Sample Date	Analysis Date	Sample ID	Location	Compound	CAS	MRL (ppbv)*	Concentration (ppbv)
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	1,1,2,2-Tetrachloroethane	79-34-5	0.4	U
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	1,2-Dichloroethane	107-06-2	0.4	U
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	Trichloroethylene (1)	79-01-6	0.4	U
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	Acetone	67-64-1		1.68 NJ
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	Butane	106-97-8		5.6 NJ
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	Dichlorodifluoromethane	75-71-8		0.56 NJ
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	Isobutane	75-28-5		3.06 NJ
CEMRC	6/11/2014	6/16/2014	9003	Southeast Fenceline	Nonanal	124-19-6		1.1 NJ
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Methylene Chloride	75-09-2	0.4	0.14 J
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Carbon Tetrachloride	56-23-5	0.4	0.14 J
CEMRC	6/12/2014	6/16/2014	9004	Training Building	1,1,1-Trichloroethane	71-55-6	0.4	U
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Chlorobenzene	108-90-7	0.4	U
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Toluene	108-88-3	0.4	0.3 J
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Chloroform	67-66-3	0.4	U
CEMRC	6/12/2014	6/16/2014	9004	Training Building	1,1-Dichloroethylene	75-35-4	0.4	U
CEMRC	6/12/2014	6/16/2014	9004	Training Building	1,1,2,2-Tetrachloroethane	79-34-5	0.4	U
CEMRC	6/12/2014	6/16/2014	9004	Training Building	1,2-Dichloroethane	107-06-2	0.4	U
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Trichloroethylene (1)	79-01-6	0.4	U
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Acetone	67-64-1		1.54 NJ
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Butane	106-97-8		6.66 NJ
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Butane, 2-methyl-	78-78-4		2.5 NJ
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Cyclohexane, methyl-	108-87-2		0.4 NJ
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Cyclotetrasiloxane, octamethyl-	556-67-2		0.72 NJ

Qualifiers:

J = Estimated value; below laboratory's method reporting limit (MRL), but above method detection limit (MDL).
U = Compound not detected above the MDL.
NJ = Presumptive evidence of the presence of the compound at an estimated quantity; only used for tentatively identified compounds (TICs).

Notes:

(1) Starting with samples collected on or after May 12, 2014, trichloroethylene (TCE) is a target analyte in compliance with Administrative Order dated 5/12/2014. For samples collected before 5/12/2014, TCE is an additional requested analyte; not a Permit-prescribed target analyte but included in the laboratory quantitative analysis.

* A value will not appear in the MRL column for TICs.

Validated VOC Monitoring Data – Surface Sampling at the WIPP

analytical services by Carlsbad Environmental Monitoring & Research Center (CEMRC)

Lab	Sample Date	Analysis Date	Sample ID	Location	Compound	CAS	MRL (ppbv)*	Concentration (ppbv)
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Cyclotrisiloxane, hexamethyl-	541-05-9		1.54 NJ
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Dichlorodifluoromethane	75-71-8		0.52 NJ
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Isobutane	75-28-5		3.78 NJ
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Nonanal	124-19-6		4.34 NJ
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Octanal	124-13-0		1.24 NJ
CEMRC	6/12/2014	6/16/2014	9004	Training Building	Silanol, trimethyl-	1066-40-6		0.52 NJ
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	Methylene Chloride	75-09-2	0.4	0.12 J
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	Carbon Tetrachloride	56-23-5	0.4	0.14 J
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	1,1,1-Trichloroethane	71-55-6	0.4	U
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	Chlorobenzene	108-90-7	0.4	U
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	Toluene	108-88-3	0.4	0.26 J
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	Chloroform	67-66-3	0.4	U
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	1,1-Dichloroethylene	75-35-4	0.4	U
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	1,1,2,2-Tetrachloroethane	79-34-5	0.4	U
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	1,2-Dichloroethane	107-06-2	0.4	U
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	Trichloroethylene (1)	79-01-6	0.4	U
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	Acetone	67-64-1		1.2 NJ
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	Butane	106-97-8		6.32 NJ
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	Butane, 2-methyl-	78-78-4		2.38 NJ
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	Cyclotetrasiloxane, octamethyl-	556-67-2		1.06 NJ
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	Cyclotrisiloxane, hexamethyl-	541-05-9		1.8 NJ
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	Dichlorodifluoromethane	75-71-8		0.44 NJ
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	Nonanal	124-19-6		4.64 NJ

Qualifiers:

J = Estimated value; below laboratory's method reporting limit (MRL), but above method detection limit (MDL).
U = Compound not detected above the MDL.
NJ = Presumptive evidence of the presence of the compound at an estimated quantity; only used for tentatively identified compounds (TICs).

Notes:

(1) Starting with samples collected on or after May 12, 2014, trichloroethylene (TCE) is a target analyte in compliance with Administrative Order dated 5/12/2014. For samples collected before 5/12/2014, TCE is an additional requested analyte; not a Permit-prescribed target analyte but included in the laboratory quantitative analysis.

* A value will not appear in the MRL column for TICs.

Validated VOC Monitoring Data – Surface Sampling at the WIPP

analytical services by Carlsbad Environmental Monitoring & Research Center (CEMRC)

Lab	Sample Date	Analysis Date	Sample ID	Location	Compound	CAS	MRL (ppbv)*	Concentration (ppbv)
CEMRC	6/12/2014	6/16/2014	9005	Southeast Fenceline	Octanal	124-13-0		1.12 NJ

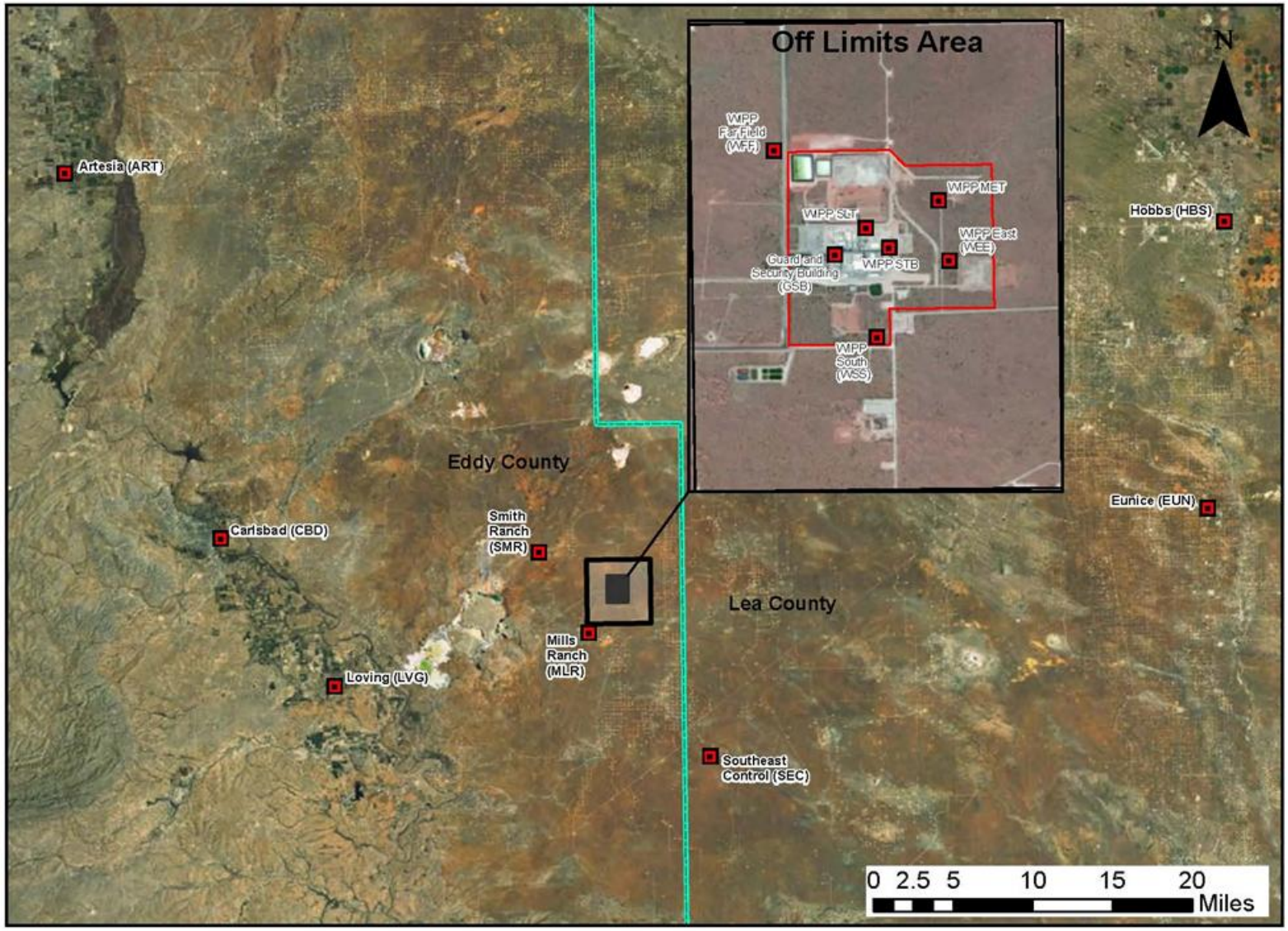
Qualifiers:

J = Estimated value; below laboratory's method reporting limit (MRL), but above method detection limit (MDL).
U = Compound not detected above the MDL.
NJ = Presumptive evidence of the presence of the compound at an estimated quantity; only used for tentatively identified compounds (TICs).

Notes:

(1) Starting with samples collected on or after May 12, 2014, trichloroethylene (TCE) is a target analyte in compliance with Administrative Order dated 5/12/2014. For samples collected before 5/12/2014, TCE is an additional requested analyte; not a Permit-prescribed target analyte but included in the laboratory quantitative analysis.

* A value will not appear in the MRL column for TICs.



Location of Sampling Sites for Low Volume Air Sampling, Soil Sampling, Biota, and Meteorological Monitoring

Meteorological Data Acronyms and Definitions

Date & Time	Self-explanatory
Day	Numeric identifier
15 min	Time interval of data
Juli date	Julian date (day-of-year number)
2WS m/s	2-meter wind speed in meters per second
2WD Deg	2-meter wind direction in degrees
2SD	2-meter standard deviation
10WS m/s	10-meter wind speed in meters per second
10WD Deg	10-meter wind direction in degrees
10SD	10-meter standard deviation
50WS m/s	50-meter wind speed in meters per second
50WD Deg	50-meter wind direction in degrees
50SD	50-meter standard deviation

2M T Deg C	2-meter temperature in degrees Celsius
10M T Deg C	10-meter temperature in degrees Celsius
50M T Deg C	50-meter temperature in degrees Celsius
10 DT	10-meter differential temperature (2M T minus 10M T)
50 DT	50-meter differential temperature (2M T minus 50M T)
RH %	Relative humidity as percentage
DPT Deg C	Dew point in degrees Celsius
SR	Solar Radiation
BP mB	Barometric pressure in millibars
prcp mm	Precipitation in millimeters

Note 1: The differential temperature columns (10DT and 50DT) are 10-meter or 50-meter temperatures subtracted from the 2-meter temperature reading. Negative values indicate the 10- or 50-meter temperatures are greater than the corresponding 2-meter temperature.

Note 2: The dew point is a number generated by the Met station based on the recorded relative humidity and temperature readings. Dew point is the temperature at which the water in the air will condense to liquid. This temperature can be very low at times, including a negative temperature. The Met system is programmed to display a temperature as low as -30 degrees Celsius.

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
6/30/2014 0:00	69758	15	181	5.74	140.7	12.21	8.52	135.4	7.481	11.22	132.7	6.155	25.53	25.61	25.34	0.086	-0.183	61.19	17.52	1.766	887	0
6/30/2014 0:15	69759	15	181	5.285	143.7	13.98	7.905	138.3	8.43	10.8	135.5	6.084	25.41	25.5	25.26	0.096	-0.146	60.86	17.32	1.622	886	0
6/30/2014 0:30	69760	15	181	3.856	156.3	13.87	5.764	149.5	11.3	8.16	142.9	8.83	25.25	25.38	25.13	0.133	-0.113	60.76	17.15	1.417	887	0
6/30/2014 0:45	69761	15	181	3.159	173.6	15.64	4.532	167.9	12.84	6.348	157.9	9.63	25.14	25.32	25.08	0.174	-0.061	60.76	17.05	1.265	887	0
6/30/2014 1:00	69762	15	181	3.422	157.9	14.63	4.869	153.9	9.79	6.821	148.3	9.46	25.05	25.24	25.04	0.193	-0.013	60.61	16.92	1.356	887	0
6/30/2014 1:15	69763	15	181	2.939	167.7	13.65	4.379	162.2	11.07	5.994	156.4	9.46	24.92	25.17	24.98	0.253	0.063	60.78	16.84	1.241	887	0
6/30/2014 1:30	69764	15	181	3.831	152.3	11.97	5.799	147.8	7.465	7.714	145.4	6.791	24.85	25.1	24.94	0.248	0.091	60.61	16.73	1.447	887	0
6/30/2014 1:45	69765	15	181	4.229	148.9	12.66	6.457	143.3	7.921	8.82	140.4	5.556	24.72	24.91	24.79	0.198	0.076	60.6	16.6	1.409	886	0
6/30/2014 2:00	69766	15	181	4.286	150.8	11.61	6.521	144.9	7.168	9.07	140.6	5.505	24.67	24.85	24.69	0.184	0.025	60.33	16.49	1.503	886	0
6/30/2014 2:15	69767	15	181	4.499	151.8	13.14	6.671	146.6	8.2	9.67	142.7	5.399	24.58	24.76	24.63	0.177	0.046	60.38	16.42	1.524	886	0
6/30/2014 2:30	69768	15	181	5.126	151.5	11.98	7.705	145.5	7.753	10.69	141.2	5.369	24.64	24.8	24.64	0.162	-0.006	59.96	16.37	1.657	886	0
6/30/2014 2:45	69769	15	181	5.431	147.6	12.37	8.19	142	8.04	11.32	138.7	4.972	24.6	24.75	24.62	0.149	0.022	59.83	16.29	1.755	886	0
6/30/2014 3:00	69770	15	181	4.914	148.8	12.14	7.444	143.6	7.422	10.75	139.5	4.436	24.43	24.6	24.48	0.171	0.058	60.24	16.24	1.709	886	0
6/30/2014 3:15	69771	15	181	5.095	146.5	11.79	7.873	140.8	6.842	11.03	137.5	4.518	24.32	24.5	24.4	0.184	0.082	60.51	16.21	1.82	886	0
6/30/2014 3:30	69772	15	181	4.931	143	11.86	7.442	138.1	7.372	10.99	134.1	3.945	24.11	24.3	24.25	0.189	0.143	61.07	16.16	1.689	886	0
6/30/2014 3:45	69773	15	181	4.929	143.3	11.82	7.691	137.7	7.136	11.15	134.9	4.129	24.01	24.2	24.16	0.186	0.149	61.46	16.16	1.71	886	0
6/30/2014 4:00	69774	15	181	4.643	142.9	12.07	7.076	136.4	7.82	10.37	133.9	4.369	23.86	24.05	24	0.192	0.145	61.84	16.12	1.587	886	0
6/30/2014 4:15	69775	15	181	4.461	139.7	12.3	6.803	133.6	7.15	10.28	131.6	4.335	23.73	23.94	23.91	0.211	0.186	62.28	16.11	1.73	886	0
6/30/2014 4:30	69776	15	181	4.479	138.2	11.49	6.862	132.9	6.76	10.32	130.7	3.836	23.58	23.81	23.84	0.226	0.258	62.83	16.11	1.676	886	0
6/30/2014 4:45	69777	15	181	4.496	139.5	11.32	6.61	133.5	6.969	10.29	131.4	3.317	23.47	23.69	23.77	0.213	0.301	63.1	16.07	2.039	886	0
6/30/2014 5:00	69778	15	181	4.111	143	11.87	6.371	137.2	7.132	9.87	134	3.884	23.33	23.57	23.66	0.246	0.335	63.5	16.03	5.88	886	0
6/30/2014 5:15	69779	15	181	4.088	146.6	11.2	6.223	140.6	7.115	9.22	137.4	3.921	23.37	23.57	23.57	0.203	0.2	63.47	16.06	21.26	886	0
6/30/2014 5:30	69780	15	181	3.51	142	11.9	5.518	135.7	7.608	8.17	133.4	4.227	23.29	23.47	23.46	0.181	0.172	63.87	16.08	53.45	886	0
6/30/2014 5:45	69781	15	181	3.794	146	12.54	5.785	140.7	8.32	8.38	136.6	4.95	23.61	23.65	23.55	0.041	-0.062	63.24	16.23	104.3	887	0
6/30/2014 6:00	69782	15	181	4.137	144.3	12.44	6.32	138.3	7.696	8.65	134	4.983	24.04	23.93	23.62	-0.104	-0.417	61.79	16.27	158.6	887	0
6/30/2014 6:15	69783	15	181	4.403	150.7	12.54	6.547	144	7.432	8.13	140.2	5.57	24.43	24.19	23.79	-0.238	-0.64	60.8	16.39	216.7	887	0
6/30/2014 6:30	69784	15	181	4.169	152.9	12.65	5.924	146.3	8.63	7.601	142.6	6.144	25.15	24.78	24.26	-0.37	-0.894	58.82	16.54	280.5	887	0
6/30/2014 6:45	69785	15	181	4.637	152.5	12.79	6.828	146	8.38	8.65	141.2	5.345	25.8	25.31	24.75	-0.485	-1.047	56.83	16.61	345.8	887	0
6/30/2014 7:00	69786	15	181	5.147	156.2	12.48	7.449	150.3	7.61	9.15	145.3	4.589	26.32	25.72	25.07	-0.594	-1.248	55.57	16.74	409.9	887	0
6/30/2014 7:15	69787	15	181	5.271	152.6	12.4	7.777	147.5	7.569	9.25	143.8	4.385	26.88	26.14	25.46	-0.733	-1.414	54.35	16.91	474.2	887	0
6/30/2014 7:30	69788	15	181	4.966	155	12.49	7.072	150.1	8.33	8.46	146	5.034	27.52	26.68	25.97	-0.837	-1.55	53.12	17.14	536.3	887	0
6/30/2014 7:45	69789	15	181	4.504	152	13.63	6.495	147.3	9.39	7.881	144.5	6.717	28.48	27.49	26.65	-0.987	-1.828	50.75	17.3	603	887	0
6/30/2014 8:00	69790	15	181	4.642	160.6	14.42	6.597	153.9	10.18	7.663	150.2	7.137	29.08	27.97	27.17	-1.102	-1.911	48.53	17.14	666.2	887	0
6/30/2014 8:15	69791	15	181	4.644	165.2	14.67	6.449	158.3	11.8	7.475	155.1	9.1	29.63	28.48	27.69	-1.154	-1.938	46.7	17.04	726.9	887	0
6/30/2014 8:30	69792	15	181	4.556	162.5	13.28	6.392	158.1	9.17	7.304	155.9	7.288	30.36	29.04	28.2	-1.325	-2.166	44.61	16.98	783	887	0
6/30/2014 8:45	69793	15	181	4.765	171.1	14.18	6.504	166.1	11.93	7.374	162	8.31	31.03	29.69	28.9	-1.34	-2.14	42.66	16.88	838	887	0
6/30/2014 9:00	69794	15	181	4.488	176.5	16.11	6.235	170.9	12.68	7.186	167.2	9.57	32.03	30.52	29.55	-1.516	-2.48	39.34	16.49	891	886	0
6/30/2014 9:15	69795	15	181	4.506	175.4	18.46	6.025	172.7	15.06	7.098	168.9	12.08	32.64	31.18	30.14	-1.466	-2.506	37.32	16.21	941	886	0
6/30/2014 9:30	69796	15	181	4.158	174.1	16.15	5.609	168.9	13.57	6.644	165.4	10.7	33.21	31.6	30.57	-1.606	-2.633	35.18	15.78	990	886	0
6/30/2014 9:45	69797	15	181	4.173	172	19.42	5.539	167.3	16.56	6.371	163.8	14.26	33.73	32.11	31.09	-1.621	-2.643	33.66	15.55	1035	886	0
6/30/2014 10:00	69798	15	181	3.923	189.3	17.55	5.284	183.5	14.22	6.264	181	11.64	34.35	32.52	31.54	-1.824	-2.811	31.78	15.19	1076	886	0
6/30/2014 10:15	69799	15	181	4.112	182.1	23.66	5.519	178.1	19.23	6.177	173.5	13.19	34.69	32.82	31.89	-1.872	-2.803	30.66	14.93	1112	886	0
6/30/2014 10:30	69800	15	181	3.822	175.7	17.57	4.948	171.7	14.76	5.756	172.5	11.76	35.4	33.65	32.64	-1.747	-2.759	28.99	14.66	1148	886	0
6/30/2014 10:45	69801	15	181	3.881	178.2	18.27	5.206	171.8	16.07	6.053	167.8	14.22	36.13	34.23	33.03	-1.905	-3.098	27.39	14.41	1175	886	0
6/30/2014 11:00	69802	15	181	4.055	165.5	16.48	5.262	161.2	13.85	6.133	160	10.92	36.35	34.56	33.54	-1.79	-2.809	26.47	14.06	1197	886	0
6/30/2014 11:15	69803	15	181	4.035	177	16.98	5.314	171.7	13.29	6.034	167.8	11.25	37.01	35.08	34.14	-1.938	-2.871	23.97	13.09	1219	885	0
6/30/2014 11:30	69804	15	181	4.194	189.2	27.7	5.361	185.1	24.08	6.27	180.7	19.72	37.66	35.68	34.58	-1.979	-3.077	22.69	12.79	1231	885	0
6/30/2014 11:45	69805	15	181	3.775	168.6	26.67	4.92	165.7	19.17	5.502	165.9	14.37	37.98	36.11	35.11	-1.866	-2.866	21.74	12.41	1244	885	0
6/30/2014 12:00	69806	15	181	3.638	170.8	23.65	4.724	166	18.56	5.543	163	16.58	38.24	36.27	35.41	-1.964	-2.824	20.86	11.99	1249	885	0
6/30/2014 12:15	69807	15	181	3.838	192.7	18.87	4.793	184.2	14.99	5.379	175.9	14.16	38.77	36.96	35.96	-1.813	-2.809	18.81	10.84	1248	885	0
6/30/2014 12:30	69808	15	181	2.865	178.4	41.32	3.659	169.5	31.61	4.478	167.5	25.17	38.84	37.31	36.42	-1.525	-2.418	18.11	10.34	1243	884	0
6/30/2014 12:45	69809	15	181	3.54	176.8	22.36	4.629	171.1	19.02	5.592	170.5	13.86	39.7	37.8	36.69	-1.904	-3.012	16.85	9.95	1237	884	0
6/30/2014 13:00	69810	15	181	2.586	194.1	65.54	3.208	191.7	54.97	3.703	193.9	40.7	39.31	37.82	36.95	-1.494	-2.358	16.01	8.88	1226	884	0
6/30/2014 13:15	69811	15	181	2.382	182.1	45.91	3.018	177.1	42.2	3.777	173.6	27.31	39.64	38.39	37.31	-1.259	-2.334	15.05	8.23	1221	884	0
6/30/2014 13:30	69812	15	181	2.111	180.4	48.73	2.528	170.7	47.67	3.072	161.5	42.63	39.97	38.64	37.9	-1.325	-2.073	13.67	7.074	1193	883	0
6/30/2014 13:45	69813	15	181	2.595	188.8	58.69	3.265	179.9	47.9	4.027	172.8	29.81	40.24	39.01	38.17	-1.234	-2.074	13.09	6.66	1170	883	0
6/30/2014 14:00	69814	15	181	3.005	199.6	48.98	3.869	196.2	45.23	4.546	196.2	39.07	40.7	39.25	38.35	-1.447	-2.351	11.8	5.492	1146	883	0
6/30/2014 14:15	69815	15	181	2.753	133.8	33.17	3.567	134.1	25.27	4.439	133.2	21.8	40.78	39.44	38.45	-1.336	-2.333	11.68	5.42	1120	883	0
6/30/2014 14:30	69816	15	181	2.84	182.1	43.98	3.667	175.6	43.44	4.342	172	34.81	40.34	39.27	38.42	-1.072	-1.928	10.73	3.844	688.8	883	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
6/30/2014 14:45	69817	15	181	1.537	354.5	82.4	1.719	1.231	84.8	1.73	150.1	87.5	39.66	39.05	38.52	-0.608	-1.142	11.47	4.298	631.3	883	0
6/30/2014 15:00	69818	15	181	3.085	189.8	26.81	3.91	185.1	24.31	4.656	179.8	21.94	40.59	39.43	38.64	-1.157	-1.948	10.56	3.817	740.5	882	0
6/30/2014 15:15	69819	15	181	1.681	95.7	98.8	1.728	167.1	87.5	2.121	159.6	65.81	40.34	39.6	38.92	-0.737	-1.416	10.44	3.474	1008	882	0
6/30/2014 15:30	69820	15	181	2.658	146.3	29.43	3.346	136	24.63	3.52	125.7	25.6	40.74	39.47	38.73	-1.277	-2.009	10.71	4.133	917	882	0
6/30/2014 15:45	69821	15	181	3.439	135.2	25.05	4.572	129.9	21.42	5.471	125.4	20.83	41.23	39.99	39.13	-1.237	-2.104	9.62	2.986	718.7	882	0
6/30/2014 16:00	69822	15	181	3.697	131.6	14.65	5.133	128.3	10.62	6	126.5	8.42	40.23	39.54	38.83	-0.692	-1.405	10	2.785	333	882	0
6/30/2014 16:15	69823	15	181	1.852	148	31.67	2.579	143.7	29.89	3.332	134	26.96	39.95	39.5	38.93	-0.455	-1.021	10.46	3.216	321.1	882	0
6/30/2014 16:30	69824	15	181	3.14	162.4	20.51	4.252	156.1	15.86	5.265	152	11.2	40.25	39.63	38.97	-0.62	-1.285	10.2	3.082	364.4	882	0
6/30/2014 16:45	69825	15	181	3.468	152.9	20.63	4.919	147.7	17.31	6.058	143.3	13.38	39.88	39.45	38.85	-0.432	-1.032	10.47	3.168	252.5	882	0
6/30/2014 17:00	69826	15	181	4.832	162	16.73	6.886	158.4	13.69	8.52	153.5	13.17	39.31	39	38.36	-0.31	-0.943	13.31	5.265	206.6	882	0
6/30/2014 17:15	69827	15	181	9.12	159.4	12.27	13.01	153.9	8.09	16.36	149.5	5.189	36.07	35.51	34.73	-0.558	-1.333	30.48	16.02	282	882	0
6/30/2014 17:30	69828	15	181	7.953	154.3	11.78	11.56	149.2	8.05	14.66	145.8	6.103	36.6	35.98	35.19	-0.623	-1.413	26.65	14.37	365.1	882	0
6/30/2014 17:45	69829	15	181	7.479	159.3	12.37	10.88	153.6	8.4	13.75	149.7	5.375	35.97	35.47	34.72	-0.501	-1.248	24.11	12.31	287.3	882	0
6/30/2014 18:00	69830	15	181	7.298	159.1	12.6	10.61	153.2	8.06	13.15	148.2	5.975	35.62	35.23	34.59	-0.394	-1.03	23.76	11.81	224.8	882	0
6/30/2014 18:15	69831	15	181	7.059	156.7	13.41	10.2	151.9	9.59	13.07	147.8	6.703	34.84	34.58	33.99	-0.262	-0.85	25.24	12.06	152	882	0
6/30/2014 18:30	69832	15	181	7.063	160.9	11.83	10.23	155.4	8.62	12.87	151.9	6.591	33.99	33.83	33.35	-0.158	-0.642	25.51	11.51	96.7	882	0
6/30/2014 18:45	69833	15	181	5.964	160	11.46	8.58	154.8	8.27	11.3	151.1	5.987	33.54	33.5	33.1	-0.037	-0.438	25.78	11.29	50.59	882	0
6/30/2014 19:00	69834	15	181	6.182	157.3	12	9.05	152.3	7.48	11.57	149	5.088	32.84	32.86	32.49	0.015	-0.35	29.64	12.8	18.61	882	0
6/30/2014 19:15	69835	15	181	5.716	151.1	12.6	8.5	146	7.958	11.23	142.6	5.819	32.24	32.29	31.95	0.052	-0.29	34.69	14.7	4.527	882	0
6/30/2014 19:30	69836	15	181	5.958	149.5	12.81	8.88	144.4	8	11.52	139.4	5.362	31.15	31.15	30.76	0.008	-0.384	44.39	17.6	2.054	882	0
6/30/2014 19:45	69837	15	181	5.682	144.5	12.71	8.35	139.3	8.58	11.36	135.4	6.059	30.32	30.34	29.97	0.021	-0.345	47.86	18.05	1.933	883	0
6/30/2014 20:00	69838	15	181	5.953	137.4	12.53	8.75	132.1	8.41	11.33	128	5.647	29.51	29.52	29.15	0.009	-0.356	50.41	18.14	1.599	883	0
6/30/2014 20:15	69839	15	181	5.887	134.2	14.2	8.84	129.6	10.11	11.11	126.6	8.15	28.93	28.95	28.6	0.018	-0.331	52.24	18.18	1.736	883	0
6/30/2014 20:30	69840	15	181	6.594	135.4	12.24	9.65	130.5	7.974	12.19	126.8	5.648	28.47	28.45	28.09	-0.013	-0.374	53.79	18.22	1.775	883	0
6/30/2014 20:45	69841	15	181	5.466	142.4	12.7	8.32	135.9	7.669	10.78	131	5.402	28.14	28.16	27.81	0.015	-0.33	54.6	18.16	1.671	884	0
6/30/2014 21:00	69842	15	181	6.05	144.7	12.39	8.73	139.4	7.761	11.56	136.4	5.494	27.99	27.96	27.6	-0.032	-0.395	54.7	18.04	1.798	884	0
6/30/2014 21:15	69843	15	181	6.059	143.5	12.55	8.94	138.6	7.825	11.95	134.6	5.617	27.7	27.69	27.35	-0.002	-0.346	55.25	17.93	1.882	884	0
6/30/2014 21:30	69844	15	181	6.046	137.4	13.17	8.68	133.4	9.04	11.32	130.9	6.474	27.37	27.4	27.09	0.029	-0.286	56.19	17.9	1.812	884	0
6/30/2014 21:45	69845	15	181	5.84	140.3	12.47	8.62	136.1	7.607	11.6	133.1	5.39	27.03	27.08	26.8	0.054	-0.234	57.32	17.89	1.878	884	0
6/30/2014 22:00	69846	15	181	6.216	149.9	13.21	9.19	145.1	8.1	12.54	141.5	5.983	26.86	26.9	26.61	0.041	-0.246	57.69	17.83	1.621	884	0
6/30/2014 22:15	69847	15	181	6.184	146.9	12.76	9.26	140.8	8.5	12.33	138.8	6.19	26.7	26.76	26.48	0.054	-0.226	57.53	17.65	2.06	884	0
6/30/2014 22:30	69848	15	181	6.115	141.4	12.68	8.92	135.8	8.36	11.72	133.6	5.877	26.54	26.6	26.34	0.062	-0.204	57.6	17.52	1.993	884	0
6/30/2014 22:45	69849	15	181	6.071	146.2	13.22	9.09	140.8	7.877	11.92	138.6	5.524	26.42	26.49	26.21	0.07	-0.212	57.71	17.43	1.926	884	0
6/30/2014 23:00	69850	15	181	6.109	153.6	12.79	8.88	147.8	8.09	11.53	144.5	6.503	26.3	26.37	26.09	0.069	-0.213	57.88	17.37	1.725	884	0
6/30/2014 23:15	69851	15	181	5.55	148.5	12.62	8.4	142.8	7.997	10.96	140.7	6.302	26.15	26.24	25.97	0.097	-0.181	58.23	17.32	1.764	884	0
6/30/2014 23:30	69852	15	181	5.218	146.5	11.94	7.943	140.3	7.718	10.56	138.2	5.85	25.97	26.05	25.77	0.076	-0.198	58.91	17.33	1.654	884	0
6/30/2014 23:45	69853	15	181	4.712	149.8	14.01	7.225	144.5	8.93	9.77	141.9	6.513	25.8	25.9	25.63	0.099	-0.164	59.4	17.31	1.646	884	0
7/1/2014 0:15	69855	15	182	4.904	164	11.94	7.022	158.3	7.992	9.2	155.5	6.244	25.48	25.61	25.38	0.14	-0.099	60.41	17.27	1.541	884	0
7/1/2014 0:30	69856	15	182	4.831	170.8	13.38	6.961	166.1	9.4	9.37	162.9	6.096	25.27	25.41	25.21	0.137	-0.062	61.05	17.24	1.589	884	0
7/1/2014 0:45	69857	15	182	4.21	154.2	12.16	6.361	149.2	8.92	8.86	148.6	6.465	25.06	25.23	25.09	0.169	0.027	61.79	17.24	1.445	884	0
7/1/2014 1:00	69858	15	182	4.054	145.5	11.94	6.36	139.8	6.731	9.26	138	4.493	24.83	25.04	24.98	0.21	0.144	62.54	17.21	1.534	884	0
7/1/2014 1:15	69859	15	182	4.217	152.4	13.27	6.395	145.1	8.63	9.86	138.8	4.993	24.68	24.83	24.8	0.149	0.119	63.02	17.19	1.642	884	0
7/1/2014 1:30	69860	15	182	4.163	149.9	12.6	6.283	145.2	7.523	9.54	142.4	4.369	24.7	24.88	24.93	0.179	0.223	62.76	17.15	1.564	884	0
7/1/2014 1:45	69861	15	182	3.942	144.8	12.24	5.973	141.6	7.689	8.91	142.8	4.583	24.68	24.94	25.07	0.252	0.387	62.48	17.06	1.448	884	0
7/1/2014 2:00	69862	15	182	4.122	142.4	12.38	6.429	136.9	7.082	9.67	138.5	4.156	24.56	24.81	25	0.247	0.438	62.55	16.96	1.63	883	0
7/1/2014 2:15	69863	15	182	3.94	138.3	10.9	6.118	132.4	6.94	9.7	134.4	3.778	24.18	24.45	24.85	0.27	0.675	63.59	16.86	1.427	883	0
7/1/2014 2:30	69864	15	182	3.746	135.1	12.32	5.967	130.2	7.197	9.39	134.4	3.684	24.04	24.34	24.96	0.301	0.921	64.15	16.86	1.555	883	0
7/1/2014 2:45	69865	15	182	3.863	138.7	12.89	6.154	133.6	7.558	9.74	137.9	5.571	23.97	24.28	25.04	0.311	1.066	63.78	16.71	1.554	883	0
7/1/2014 3:00	69866	15	182	3.58	144	11.95	5.763	138.1	7.017	9.04	142.5	4.924	23.84	24.18	24.86	0.341	1.021	64.13	16.67	1.67	883	0
7/1/2014 3:15	69867	15	182	3.285	149.4	11.81	5.309	143.8	6.677	8.72	145.8	3.586	23.74	24.12	24.83	0.376	1.085	64.18	16.59	1.569	883	0
7/1/2014 3:30	69868	15	182	2.717	148.9	12.27	4.487	143.2	6.876	8.22	144.8	3.846	23.69	24.12	24.91	0.426	1.215	63.29	16.32	1.513	883	0
7/1/2014 3:45	69869	15	182	2.77	148	12.71	4.711	142.6	7.646	8.58	146.3	3.692	23.57	24.07	25.15	0.494	1.577	62.7	16.07	1.391	883	0
7/1/2014 4:00	69870	15	182	3.335	130	14.95	5.404	125.5	10.32	9.07	132	6.997	23.19	23.56	24.57	0.368	1.377	63.86	15.99	1.397	883	0
7/1/2014 4:15	69871	15	182	4.033	112.3	11.32	6.349	109.7	6.353	9.65	111.2	4.161	22.89	23.16	23.56	0.274	0.678	65.96	16.21	1.603	884	0
7/1/2014 4:30	69872	15	182	4.974	107.9	11.6	7.476	104.9	7.117	10.96	103.1	3.852	22.79	22.96	23.16	0.173	0.369	66.82	16.32	1.553	884	0
7/1/2014 4:45	69873	15	182	5.571	107.1	12.78	8.13	103.2	8.2	11.95	100.1	5.121	22.88	22.92	22.85	0.04	-0.033	66.44	16.32	1.726	884	0
7/1/2014 5:00	69874	15	182	5.317	113.8	11.94	7.902	110.3	7.549	11.62	106.4	4.501	23.32	23.38	23.32	0.063	-0.002	63.74	16.08	2.623	884	0
7/1/2014 5:15	69875	15	182	4.665	118.2	11.58	6.871	114.6	6.58	10.36	112.4	3.225	24.1	24.22	24.47	0.127	0.375	59.65	15.77	4.43	885	0
7/1/2014 5:30	69876	15	182	4.586	124.6	12.58	6.863	119.5	7.795	10.21	115.5	4.962	24.4	24.5	24.46	0.095	0.058	57.14	15.39	5.877	885	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/1/2014 5:45	69877	15	182	5.002	135.9	11.18	7.47	129.8	7.922	11.33	126.7	6.086	24.38	24.43	24.67	0.045	0.29	57.95	15.59	15.05	885	0
7/1/2014 6:00	69878	15	182	3.928	132.6	14.44	5.954	129.4	10.26	9.52	132.9	5.852	25.39	25.6	26.19	0.206	0.79	52.78	15.07	30.72	885	0
7/1/2014 6:15	69879	15	182	5.052	93.6	19.54	7.364	91.7	17.81	10.35	95.1	21.1	25.45	25.63	26.04	0.18	0.587	52	14.89	42.67	886	0
7/1/2014 6:30	69880	15	182	4.234	92	17.53	6.327	89.1	14.63	8.75	86.3	13.96	26.34	26.51	26.8	0.174	0.464	44.85	13.42	35.12	886	0
7/1/2014 6:45	69881	15	182	4.942	66.6	16.11	7.171	61.98	12.51	9.61	62.28	9.93	25.26	25.4	25.35	0.141	0.092	49.38	13.91	43.5	887	0
7/1/2014 7:00	69882	15	182	5.384	98.7	12.48	7.679	94.8	9.02	10.48	89.9	6.496	25.3	25.27	24.99	-0.028	-0.306	50.6	14.33	82.8	887	0
7/1/2014 7:15	69883	15	182	4.682	111.7	14.37	6.764	106.5	11.33	9.14	101.5	8.68	25.8	25.73	25.39	-0.065	-0.409	49.51	14.45	124.5	887	0
7/1/2014 7:30	69884	15	182	4.835	103.5	11.23	6.889	99.5	7.188	9.37	95.4	4.49	26.1	26	25.65	-0.105	-0.454	49.91	14.86	175.4	887	0
7/1/2014 7:45	69885	15	182	6.225	98.9	12.32	8.88	95.3	8.04	11.29	92.5	5.883	26.09	25.91	25.43	-0.181	-0.667	48.77	14.49	204.3	887	0
7/1/2014 8:00	69886	15	182	6.379	103.4	11.28	9.09	98.4	7.694	11.91	94.8	4.681	25.78	25.51	24.97	-0.269	-0.817	51.35	15.01	257.2	887	0
7/1/2014 8:15	69887	15	182	6.541	103.9	12.66	9.66	100.2	8.24	12.58	96.7	5.038	26.33	25.65	24.86	-0.686	-1.472	51.49	15.56	589.5	887	0
7/1/2014 8:30	69888	15	182	6.184	111.5	13.42	8.85	106.1	8.52	11.14	102.3	6.014	26.59	26	25.24	-0.596	-1.353	51.7	15.86	375.1	887	0
7/1/2014 8:45	69889	15	182	6.253	118.2	12.95	8.86	113.9	8.58	10.91	108.4	6.275	26.04	25.58	24.93	-0.46	-1.111	55.53	16.47	308.7	887	0
7/1/2014 9:00	69890	15	182	5.512	117.3	13.83	7.901	112.6	8.71	9.97	107.3	5.548	26.44	25.79	25.02	-0.651	-1.423	56.57	17.13	385.8	888	0
7/1/2014 9:15	69891	15	182	5.636	106.9	14.43	7.964	102.4	10.12	9.6	98	7.548	27.15	26.16	25.28	-0.989	-1.866	55.59	17.51	662.4	888	0
7/1/2014 9:30	69892	15	182	5.426	105.7	16.44	7.62	101.7	11.64	9.45	98.7	9.45	27.99	26.85	25.78	-1.143	-2.216	53.54	17.7	781.5	888	0
7/1/2014 9:45	69893	15	182	5.708	112.4	13.81	8.05	107.2	9.34	9.49	104.1	7.021	28.72	27.04	25.84	-1.68	-2.878	51.61	17.79	1108	889	0
7/1/2014 10:00	69894	15	182	5.236	107.4	13.69	7.251	104.9	10.44	8.63	101.9	8.21	28.61	27.17	26.13	-1.443	-2.477	52.13	17.85	725.2	889	0
7/1/2014 10:15	69895	15	182	4.871	102	14.15	6.65	98.5	9.49	8.17	96.7	7.113	28.36	27.28	26.31	-1.082	-2.056	53.21	17.94	615.8	889	0
7/1/2014 10:30	69896	15	182	4.874	107.1	15.39	6.754	102.3	10.68	8.11	99	8.65	28.47	27.37	26.52	-1.103	-1.954	51.98	17.68	545.7	889	0
7/1/2014 10:45	69897	15	182	4.349	110.1	13.74	6.148	105.3	10.94	7.215	102.6	9.11	28.93	27.82	26.9	-1.104	-2.026	50.77	17.72	586.1	889	0
7/1/2014 11:00	69898	15	182	4.09	109.6	18.58	5.473	105.9	13.13	6.182	100.1	10.97	29.86	28.27	27.32	-1.587	-2.533	47.83	17.62	1047	889	0
7/1/2014 11:15	69899	15	182	3.915	96.1	21.55	5.163	92.3	19.69	5.879	91.3	16.25	30.58	28.96	27.94	-1.619	-2.639	45.36	17.44	1179	889	0
7/1/2014 11:30	69900	15	182	2.6	114.3	31.28	3.363	113.9	26.09	4.182	108.8	20.97	30.95	29.45	28.48	-1.498	-2.467	42.94	16.91	1197	889	0
7/1/2014 11:45	69901	15	182	2.217	144.7	36.84	2.92	141.1	24.91	3.516	133.2	20.39	30.94	29.66	28.82	-1.28	-2.117	41.9	16.5	1126	889	0
7/1/2014 12:00	69902	15	182	3.253	64.85	37.1	4.573	63.92	38.55	5.247	61.46	34.05	31.93	30.24	29.28	-1.697	-2.649	38.3	15.97	1058	889	0
7/1/2014 12:15	69903	15	182	2.389	41.73	55.46	2.959	39	45.97	3.337	42.54	41.89	31.72	30.32	29.41	-1.404	-2.318	36.27	14.95	1258	888	0
7/1/2014 12:30	69904	15	182	2.434	69.67	41.85	3.188	62.57	32.12	4.046	64.51	27.13	32.31	30.93	30.11	-1.381	-2.194	35.46	15.11	1320	888	0
7/1/2014 12:45	69905	15	182	2.567	348.5	66.23	3.048	3.679	58.66	3.89	15.55	42.7	32.12	30.97	30.23	-1.152	-1.887	35.95	15.16	1091	888	0
7/1/2014 13:00	69906	15	182	3.422	75.34	18.89	4.335	71.53	15.92	5.025	70.75	12.03	32.24	31.08	30.24	-1.168	-2.005	37.76	16.04	710.6	888	0
7/1/2014 13:15	69907	15	182	3.7	66.44	29.23	5.007	64.17	26.44	6.039	62.93	23.74	32.78	31.36	30.36	-1.421	-2.416	38.29	16.73	843	888	0
7/1/2014 13:30	69908	15	182	3.745	58	21.82	4.943	55.01	18.15	5.67	54.75	11.5	33.07	31.57	30.46	-1.505	-2.618	37.01	16.46	967	888	0
7/1/2014 13:45	69909	15	182	3.833	77.27	22.92	5.382	72.27	20.16	6.646	64.13	18.55	32.88	31.55	30.6	-1.327	-2.279	38.07	16.73	506.3	888	0
7/1/2014 14:00	69910	15	182	4.046	81.1	17.49	5.512	78.72	15.6	6.527	74.01	13.21	32.47	31.28	30.42	-1.19	-2.056	38.45	16.53	545.1	888	0
7/1/2014 14:15	69911	15	182	4.253	71.45	17.92	5.576	68.87	14.14	6.445	66.96	11.54	32.21	31.28	30.5	-0.932	-1.707	38.66	16.38	454.2	888	0
7/1/2014 14:30	69912	15	182	4.196	62	21.05	5.978	56.12	18.04	7.254	55.25	13.88	32.61	31.51	30.61	-1.098	-2.002	38.06	16.49	538.3	888	0
7/1/2014 14:45	69913	15	182	3.933	77.38	16.11	5.33	73.46	14.6	6.647	66.7	10.72	32.41	31.39	30.55	-1.013	-1.855	38.56	16.51	469.9	888	0
7/1/2014 15:00	69914	15	182	4.391	71.98	15.14	5.95	67.75	13.35	7.089	66.16	11.19	32.17	31.38	30.62	-0.792	-1.545	39.2	16.56	336.3	887	0
7/1/2014 15:15	69915	15	182	4.046	61.72	14.78	5.631	56.57	11.08	6.827	55.02	8.48	32.28	31.38	30.54	-0.901	-1.74	38.56	16.4	490.5	887	0
7/1/2014 15:30	69916	15	182	3.765	72.71	18.3	5.084	69.4	14.17	5.984	70.13	11.37	32.37	31.48	30.73	-0.883	-1.637	37.64	16.1	470.7	887	0
7/1/2014 15:45	69917	15	182	3.873	74.41	16.67	5.192	70.03	14.04	6.356	67.22	11.43	32.5	31.7	30.98	-0.798	-1.521	37.05	15.97	453.3	887	0
7/1/2014 16:00	69918	15	182	3.966	63.27	17.6	5.432	58.25	12.52	6.387	56.95	11.29	33.29	32.12	31.2	-1.161	-2.086	36.02	16.22	724.6	887	0
7/1/2014 16:15	69919	15	182	3.717	84.7	22.12	5.044	79.53	18.81	6.028	76.86	15.58	33.2	32.12	31.28	-1.074	-1.916	35.12	15.75	617.6	887	0
7/1/2014 16:30	69920	15	182	3.332	80.2	25.29	4.37	76.76	20.82	5.259	72.18	17.2	33.45	32.37	31.48	-1.081	-1.973	34.45	15.66	638.2	887	0
7/1/2014 16:45	69921	15	182	2.877	79.93	23.41	3.813	78.37	17.46	4.507	74.57	14.09	33.32	32.42	31.67	-0.899	-1.645	34.64	15.63	574.1	887	0
7/1/2014 17:00	69922	15	182	3.033	81.9	20.72	3.908	77.54	16.99	4.58	72.11	16.48	33.58	32.66	31.89	-0.924	-1.689	34.18	15.65	495.2	887	0
7/1/2014 17:15	69923	15	182	2.532	103.8	27.16	3.353	99.4	20.15	4.306	96.5	16.94	33.53	32.8	32	-0.73	-1.534	33.9	15.49	426.6	887	0
7/1/2014 17:30	69924	15	182	2.964	109.5	25.17	4.144	106.8	20.84	5.058	100.6	16.3	33.23	32.63	31.97	-0.596	-1.254	34.06	15.29	235.4	887	0
7/1/2014 17:45	69925	15	182	3.559	102.8	16.99	4.785	101.1	14.27	5.72	99.2	12.38	33.03	32.53	31.94	-0.501	-1.093	34.16	15.17	203.8	887	0
7/1/2014 18:00	69926	15	182	3.485	104.2	14.55	4.909	101.4	10.35	5.984	97.5	7.685	32.96	32.55	31.97	-0.414	-0.996	34.21	15.13	158.9	887	0
7/1/2014 18:15	69927	15	182	3.892	85.5	14.77	5.382	82.3	13.02	6.985	79.15	10.87	32.39	32.05	31.51	-0.338	-0.872	36.64	15.67	108.9	887	0
7/1/2014 18:30	69928	15	182	5.809	83	11.98	8.16	79.34	8.44	10.93	76.48	6.195	31.46	31.17	30.63	-0.286	-0.825	38.22	15.52	62.48	887	0
7/1/2014 18:45	69929	15	182	4.563	73.84	25.62	7.415	74.03	20.5	10.05	76.1	15.39	26.98	27.88	28.36	0.903	1.381	59.02	18.1	45.74	887	2.286
7/1/2014 19:00	69930	15	182	6.885	231.9	17.41	10.16	227.8	18.09	12.52	219.1	20	23.17	23.93	24.56	0.768	1.394	65.97	16.47	11.62	888	0.762
7/1/2014 19:15	69931	15	182	4.361	236.8	18.9	6.312	235.8	14.88	9.01	230.7	9.29	22.04	22.43	23.3	0.386	1.257	75.15	17.44	3.365	888	0
7/1/2014 19:30	69932	15	182	4.483	231	12.85	6.377	228	10.38	9.6	223.1	5.93	23.1	23.43	24.61	0.326	1.512	75.47	18.54	1.896	888	0
7/1/2014 19:45	69933	15	182	3.77	233.4	12.75	5.415	232.3	10.11	8.58	225.6	6.17	23.59	23.83	24.5	0.239	0.91	73.67	18.62	1.386	888	0
7/1/2014 20:00	69934	15	182	3.075	215.1	15.81	4.459	213.4	13.53	7.51	212.8	8.63	23.24	23.4	23.71	0.168	0.478	75.1	18.58	1.208	889	0
7/1/2014 20:15	69935	15	182	2.239	195.2	15.33	3.628	194	12.02	6.302	194.3	8.54	23.46	23.81	24.38	0.343	0.914	76.95	19.2	1.142	889	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/1/2014 20:30	69936	15	182	1.987	164.4	17.54	3.394	158.6	15.24	5.445	163.4	9.52	23.75	24.2	24.92	0.446	1.172	74.42	18.95	1.206	889	0
7/1/2014 20:45	69937	15	182	1.446	143.7	17.9	2.606	140.4	11.57	4.59	158.4	9.88	23.48	23.98	24.91	0.495	1.431	77.47	19.33	0.957	889	0
7/1/2014 21:00	69938	15	182	1.33	136.3	12.97	2.532	131.6	10.23	4.44	149	5.05	23.3	23.87	24.97	0.574	1.676	78.68	19.4	1.075	889	0
7/1/2014 21:15	69939	15	182	1.345	99.6	13.69	2.631	108.4	10.33	4.001	135.7	8.69	22.93	23.77	25.05	0.838	2.113	83.1	19.94	0.884	889	0
7/1/2014 21:30	69940	15	182	1.317	120.2	12.44	2.996	116.9	4.821	4.324	130.5	5.189	23.15	24.27	25.86	1.122	2.706	81.2	19.76	0.945	889	0
7/1/2014 21:45	69941	15	182	1.202	99.7	14.12	2.892	107.5	5.175	4.594	122.5	4.579	23.29	24.93	26.62	1.643	3.328	80.3	19.72	0.783	889	0
7/1/2014 22:00	69942	15	182	2.76	131.4	16.27	4.696	128.1	10.8	8.34	125	5.713	25.18	26.18	27.3	0.997	2.115	60.72	16.97	1.401	889	0
7/1/2014 22:15	69943	15	182	2.614	119.3	11.94	4.317	117.6	8.14	7.381	118.1	5.616	25.41	26.32	27.2	0.913	1.79	55.07	15.74	1.322	889	0
7/1/2014 22:30	69944	15	182	2.849	117.2	12.57	4.546	115.8	8.21	7.434	115.4	5.473	25.81	26.57	27.11	0.753	1.294	53.35	15.63	1.247	889	0
7/1/2014 22:45	69945	15	182	2.984	129.1	17.19	4.686	125.2	12.99	7.108	122	10.4	25.85	26.54	26.9	0.695	1.053	53.81	15.79	1.144	890	0
7/1/2014 23:00	69946	15	182	3.469	159	12.03	5.4	153	8.22	7.989	145.5	5.965	25.65	26.3	26.71	0.65	1.059	54.56	15.83	1.405	890	0
7/1/2014 23:15	69947	15	182	3.493	163.7	11.23	5.374	158.2	7.257	8.29	152.4	4.977	25.42	26.01	26.48	0.597	1.064	55.2	15.8	1.332	890	0
7/1/2014 23:30	69948	15	182	2.554	166.5	15.28	4.028	163.4	10.36	6.753	157.8	5.357	25.11	25.71	26.12	0.604	1.013	55.89	15.7	1.141	890	0
7/1/2014 23:45	69949	15	182	1.148	79.25	47.26	1.721	100.9	31.18	3.087	127.8	14.82	24.89	25.69	25.91	0.802	1.023	56.91	15.78	0.791	890	0
7/2/2014 0:00	69950	15	183	2.448	167	14.42	3.814	161.1	8.91	5.79	153.6	5.858	25.04	25.69	25.99	0.653	0.954	55.73	15.59	1.241	890	0
7/2/2014 0:15	69951	15	183	0.967	123.5	18.61	1.824	134.3	11.26	3.704	141.3	7.786	24.76	25.51	25.82	0.751	1.067	56.44	15.53	0.82	891	0
7/2/2014 0:30	69952	15	183	0.809	72.74	15.37	1.466	102.7	11.47	2.669	129.8	7.325	24.06	25.49	25.72	1.432	1.66	60.6	15.98	0.603	891	0
7/2/2014 0:45	69953	15	183	0.927	114.5	23.47	2.009	123	12.89	3.734	133.3	4.869	23.28	25.46	25.81	2.176	2.527	66.88	16.8	0.837	891	0
7/2/2014 1:00	69954	15	183	1.112	97.1	23.29	2.439	118.5	11.57	4.48	127.5	6.376	23.37	24.93	25.83	1.56	2.462	65.33	16.52	0.821	891	0
7/2/2014 1:15	69955	15	183	1.059	61.81	7.054	2.148	91	5.471	3.724	112.7	5.623	22.88	24.95	25.8	2.071	2.92	68.63	16.82	0.746	891	0
7/2/2014 1:30	69956	15	183	1.184	47.68	8.58	2.656	59.01	11.05	3.385	93.6	5.502	22.42	24.29	25.79	1.877	3.371	71.26	16.97	0.824	891	0
7/2/2014 1:45	69957	15	183	0.884	48	8.78	2.508	67.25	6.46	3.286	99.9	6.472	21.88	24.14	25.78	2.262	3.902	74.96	17.25	0.779	891	0
7/2/2014 2:00	69958	15	183	0.865	63.67	14.1	2.493	88.7	6.835	3.765	111.7	4.224	21.54	24.56	25.78	3.016	4.237	79.77	17.92	0.817	890	0
7/2/2014 2:15	69959	15	183	1.258	56.62	8.56	2.864	69.52	8.41	3.85	104.1	4.512	21.63	24.05	25.62	2.42	3.99	78.47	17.74	0.878	890	0
7/2/2014 2:30	69960	15	183	1.221	64.18	8.89	2.82	81.7	5.516	3.755	107.2	4.968	21.79	24.83	25.53	3.037	3.738	75.83	17.35	0.849	890	0
7/2/2014 2:45	69961	15	183	1.215	43.55	10.83	2.664	70.81	9.37	3.36	105.5	5.986	21.57	24.52	25.52	2.955	3.952	75.79	17.13	0.765	890	0
7/2/2014 3:00	69962	15	183	1.368	58.22	9.74	3.061	65.18	6.319	3.558	102	3.945	21.32	23.86	25.38	2.536	4.055	77.35	17.21	0.865	890	0
7/2/2014 3:15	69963	15	183	1.529	71.67	8.04	3.568	80.4	3.548	4.499	103.4	3.716	21.55	24.04	25.18	2.492	3.633	73.27	16.58	0.797	890	0
7/2/2014 3:30	69964	15	183	1.69	80.8	9.09	3.566	84.2	3.995	5.692	103.1	2.645	21.79	23.17	24.96	1.386	3.168	69.6	16	1.018	891	0
7/2/2014 3:45	69965	15	183	1.772	75.71	9.11	3.535	79.37	4.559	6.07	98.5	3.125	21.71	22.7	24.69	0.99	2.981	68.19	15.61	1.123	891	0
7/2/2014 4:00	69966	15	183	1.326	78.62	11.98	2.726	85.8	7.134	5.947	101.9	3.386	21.77	22.57	24.36	0.802	2.596	66.68	15.31	0.979	891	0
7/2/2014 4:15	69967	15	183	1.117	34.97	19.31	2.09	65.83	13.11	5.075	98.7	4.319	21.26	22.43	23.98	1.17	2.715	68.81	15.31	0.97	891	0
7/2/2014 4:30	69968	15	183	1.942	2.607	12.73	3.624	15.36	16.8	4.078	57.49	20.74	21.16	22.61	23.33	1.458	2.174	69.91	15.45	0.88	892	0
7/2/2014 4:45	69969	15	183	2.258	358.5	16.67	4.269	0.443	14.11	5.002	12.2	7.164	21.91	22.78	23.61	0.871	1.702	62.83	14.52	0.959	892	0
7/2/2014 5:00	69970	15	183	2.137	358.9	14.83	3.977	356.6	10.1	5.422	1.515	10.81	22.38	23.24	24.01	0.858	1.633	59.74	14.19	2.18	892	0
7/2/2014 5:15	69971	15	183	1.776	3.126	14.02	3.322	359	10.65	5.432	358	13.27	22.37	22.95	23.38	0.579	1.007	67.1	15.96	8.72	893	0
7/2/2014 5:30	69972	15	183	2.2	2.225	15.15	3.766	358.1	13.42	5.732	354.9	13.03	22.65	22.96	23.09	0.319	0.445	73.29	17.64	17.34	893	0
7/2/2014 5:45	69973	15	183	3.069	8.22	18.91	4.854	5.892	14.27	6.854	1.435	13.7	23.05	23.2	23.06	0.152	0.005	69.99	17.29	29.34	893	0
7/2/2014 6:00	69974	15	183	5.195	10.48	17.41	8.12	7.509	14.3	10.93	4.797	11.76	22.74	22.84	22.62	0.106	-0.121	67.09	16.33	42.64	893	0
7/2/2014 6:15	69975	15	183	5.994	15.58	17.2	9.2	11.95	10.85	12.25	8.73	6.73	21.31	21.3	21.01	-0.009	-0.293	65.65	14.63	81.4	893	0
7/2/2014 6:30	69976	15	183	4.88	20.14	15.33	7.738	17.66	9.27	10.44	14.31	5.34	21.7	21.7	21.41	-0.006	-0.292	65.87	15.06	104.8	894	0
7/2/2014 6:45	69977	15	183	4.104	29.89	13.49	6.535	25.13	7.577	8.58	23.56	4.998	22.05	22.01	21.67	-0.041	-0.375	66.39	15.51	121.4	894	0
7/2/2014 7:00	69978	15	183	4.549	37.65	14.14	6.981	34.29	7.998	9.12	32.17	5.396	22.14	22.04	21.64	-0.102	-0.501	66.93	15.73	145.3	894	0
7/2/2014 7:15	69979	15	183	5.189	45.36	13.95	8.02	41.37	7.758	10.09	37.85	4.995	22.27	22.13	21.7	-0.145	-0.571	68.07	16.12	170.1	894	0
7/2/2014 7:30	69980	15	183	5.986	50.49	12.91	9.03	46.61	7.659	11.68	43.68	4.228	21.93	21.75	21.28	-0.182	-0.657	66.53	15.44	237.9	894	0
7/2/2014 7:45	69981	15	183	6.252	52.69	11.9	9.39	48.53	6.952	11.86	45.68	3.539	22.15	21.86	21.3	-0.292	-0.847	65.01	15.28	313.5	894	0
7/2/2014 8:00	69982	15	183	5.111	58.4	12.79	7.298	53.85	8.07	9.17	51.44	5.459	22.63	22.32	21.79	-0.311	-0.841	63.74	15.42	325.4	894	0
7/2/2014 8:15	69983	15	183	5.816	57.65	12.4	8.44	53.78	7.399	10.17	49.23	4.851	23.06	22.63	22.06	-0.43	-0.994	61.3	15.23	464	894	0
7/2/2014 8:30	69984	15	183	4.777	59.34	14.04	6.934	54.58	10.12	8.59	50.76	7.418	24.4	23.57	22.74	-0.83	-1.658	57.65	15.52	787.5	894	0
7/2/2014 8:45	69985	15	183	5.097	54.99	13.79	7.389	52.13	10.25	9.15	49.64	7.277	25.11	24.15	23.25	-0.966	-1.86	54.5	15.31	888	894	0
7/2/2014 9:00	69986	15	183	5.248	58.65	14.72	7.603	54.07	10.67	8.96	52.05	6.961	25.6	24.44	23.48	-1.158	-2.117	52.78	15.26	981	894	0
7/2/2014 9:15	69987	15	183	5.192	58.25	15.17	7.426	54.58	11.07	8.81	52.85	7.911	26.19	24.96	23.92	-1.234	-2.276	51.7	15.49	1061	894	0
7/2/2014 9:30	69988	15	183	5.463	68.25	12.57	7.536	62.53	9.97	8.82	59.45	8.67	26.04	24.98	24.03	-1.057	-2.01	51.18	15.19	772.6	894	0
7/2/2014 9:45	69989	15	183	5.371	67.22	13.01	7.396	63.46	9.16	8.7	61.32	6.787	26.43	25.21	24.24	-1.225	-2.194	50.8	15.44	1003	894	0
7/2/2014 10:00	69990	15	183	5.353	82.2	15.28	7.111	78.39	12.03	8.54	73.65	9.31	27.18	25.76	24.63	-1.418	-2.544	48.92	15.53	1147	894	0
7/2/2014 10:15	69991	15	183	5.021	74.6	18.5	6.883	71.31	15.63	8.1	69.04	11.53	27.15	25.77	24.8	-1.381	-2.35	48.78	15.46	965	894	0
7/2/2014 10:30	69992	15	183	5.039	85.7	17.96	6.688	80.5	13.95	8.37	76.9	11.3	27.41	26.22	25.2	-1.19	-2.216	47.6	15.32	851	893	0
7/2/2014 10:45	69993	15	183	4.991	78.97	14.9	6.636	75.47	10.9	7.579	70.66	8.16	28	26.54	25.59	-1.459	-2.414	45.5	15.15	1157	893	0
7/2/2014 11:00	69994	15	183	4.383	84.5	17.37	5.816	78.5	13.55	7.035	72.76	11.81	28.14	26.8	25.82	-1.34	-2.316	44.31	14.87	1042	893	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/2/2014 11:15	69995	15	183	4.087	67.94	23.64	5.366	64.77	20.46	6.355	63.85	14.82	28.55	26.91	25.88	-1.637	-2.663	42.93	14.74	1238	893	0
7/2/2014 11:30	69996	15	183	3.971	73.4	23.66	5.116	69.2	19.92	6.121	64.65	15.52	29.12	27.56	26.46	-1.553	-2.655	40.93	14.51	1232	893	0
7/2/2014 11:45	69997	15	183	3.67	78.61	18.58	4.839	72.63	16.94	5.564	71.85	14.33	29.04	27.59	26.72	-1.453	-2.321	40.33	14.22	1048	893	0
7/2/2014 12:00	69998	15	183	4.16	81.3	18.45	5.684	75.43	15.31	6.602	70.6	13.92	29.13	27.62	26.67	-1.511	-2.457	39.7	14.05	958	893	0
7/2/2014 12:15	69999	15	183	3.517	82.5	16.04	4.636	76.95	13.79	5.908	74.11	10.31	29.05	27.87	26.99	-1.188	-2.063	39.25	13.81	632.5	893	0
7/2/2014 12:30	70000	15	183	3.88	68.74	18.68	5.106	65.68	15.24	5.863	65.33	11.62	28.83	27.86	27.03	-0.968	-1.806	39.63	13.76	522.1	893	0
7/2/2014 12:45	70001	15	183	3.101	83.9	18.55	4.132	77.55	14.73	4.993	70.02	11.08	28.58	27.82	27.12	-0.762	-1.465	40.15	13.74	322.9	893	0
7/2/2014 13:00	70002	15	183	3.053	96.4	28.46	4.048	87	27.33	5.095	79.56	25.84	28.69	28.03	27.39	-0.656	-1.299	39.92	13.74	298.4	893	0
7/2/2014 13:15	70003	15	183	3.272	86.1	17.36	4.39	80.7	14.86	5.261	76.93	10.17	28.87	28.15	27.43	-0.711	-1.441	39.69	13.81	385	893	0
7/2/2014 13:30	70004	15	183	3.437	99.1	23.72	4.589	91.5	14.21	5.499	87.2	12.35	29.69	28.55	27.81	-1.14	-1.886	37.39	13.63	845	893	0
7/2/2014 13:45	70005	15	183	4.079	94.6	19.02	5.359	91.9	14.14	6.226	93.3	10.63	30.37	28.96	28.07	-1.41	-2.3	35.43	13.4	1031	893	0
7/2/2014 14:00	70006	15	183	3.765	101	20.78	5.03	97.2	17.47	5.976	92.4	15.4	30.08	28.9	28.1	-1.181	-1.981	35.72	13.27	622.8	893	0
7/2/2014 14:15	70007	15	183	3.685	80.1	24.69	4.818	75.57	20.3	5.618	71.32	16.65	30.3	29.15	28.29	-1.155	-2.018	35.65	13.44	757.7	892	0
7/2/2014 14:30	70008	15	183	3.661	99.5	19.43	4.925	95.6	16.5	6.092	93.3	13.7	30.01	29.19	28.39	-0.814	-1.618	36.46	13.52	384.2	892	0
7/2/2014 14:45	70009	15	183	3.231	91.2	18.93	4.369	89	15.04	5.326	85.7	11.96	29.97	29.2	28.47	-0.773	-1.496	36.42	13.47	406.4	892	0
7/2/2014 15:00	70010	15	183	3.687	92.8	18.65	4.995	90	16.4	6.119	87.9	13.21	30.22	29.31	28.51	-0.901	-1.709	35.5	13.3	546.6	891	0
7/2/2014 15:15	70011	15	183	3.107	105.9	20.52	4.089	101	16.6	4.932	99.1	13.77	30.78	29.7	28.91	-1.078	-1.87	33.9	13.08	812	891	0
7/2/2014 15:30	70012	15	183	2.937	117.5	26.27	4.018	115.7	21.63	5.015	107.9	14.9	31.49	30.22	29.2	-1.272	-2.292	32.05	12.84	931	891	0
7/2/2014 15:45	70013	15	183	3.31	116.5	17.64	4.36	108.1	13.25	4.848	96.3	13.96	31.26	30.12	29.36	-1.138	-1.891	31.62	12.43	716.9	891	0
7/2/2014 16:00	70014	15	183	3.339	111.9	23.51	4.452	105	19.78	5.44	98.7	18.29	31	30.11	29.34	-0.887	-1.655	32.8	12.77	526.6	891	0
7/2/2014 16:15	70015	15	183	5.554	138.9	15.38	7.89	135.2	11.84	10.07	131.9	9.1	30.38	29.35	28.36	-1.032	-2.026	35.24	13.31	438	891	0
7/2/2014 16:30	70016	15	183	5.856	122.2	16.85	8.59	117.5	13.22	10.58	112.8	8.82	28.23	27.71	27.02	-0.513	-1.207	41.89	14.07	156.1	891	0
7/2/2014 16:45	70017	15	183	6.504	104	14.3	9.06	100	11.51	11.62	95.8	9.81	26.44	26.01	25.44	-0.429	-0.995	47.22	14.29	93.2	891	0
7/2/2014 17:00	70018	15	183	6.288	65.83	17.03	9.01	61.24	14.81	12.13	60.21	10.6	24.24	23.92	23.58	-0.321	-0.666	54.99	14.5	38.38	891	0
7/2/2014 17:15	70019	15	183	5.789	80.6	14.77	8.54	76.75	12.47	11.89	73.79	8.38	20.59	20.16	20.03	-0.43	-0.557	84	17.8	35.1	892	8.38
7/2/2014 17:30	70020	15	183	4.97	80	10.38	7.097	75.78	6.734	9.65	72.73	4.977	20.07	19.59	19.47	-0.485	-0.605	87.1	17.88	55.13	892	10.41
7/2/2014 17:45	70021	15	183	4.488	76.77	13.47	6.542	72.06	9.18	9.23	69.85	5.99	19.76	19.45	19.2	-0.306	-0.563	88.5	17.82	45.61	893	1.778
7/2/2014 18:00	70022	15	183	6.091	61.42	12.52	9.29	56.64	7.667	12.97	55.19	5.413	19.71	19.38	18.91	-0.33	-0.803	90.4	18.11	78.63	892	1.778
7/2/2014 18:15	70023	15	183	5.814	56.95	11.45	8.76	52.86	6.714	12.37	50.42	3.844	19.89	19.68	19.19	-0.208	-0.701	89.4	18.11	76.13	893	0.254
7/2/2014 18:30	70024	15	183	5.12	62.61	11.65	7.483	57.55	7.738	10.83	54.26	4.318	20.07	20.21	20.03	0.138	-0.045	87.9	18.03	52.43	893	0
7/2/2014 18:45	70025	15	183	5.211	68.87	11.23	7.376	64.48	8.13	10.57	60.62	5.298	20.06	20.28	20.25	0.226	0.193	84.1	17.3	22.95	893	0
7/2/2014 19:00	70026	15	183	4.321	70.55	11.51	6.42	66	8.03	9.24	64.81	5.226	19.75	19.94	19.85	0.197	0.105	85.2	17.2	9.52	893	0
7/2/2014 19:15	70027	15	183	3.904	71.22	10.77	5.791	67.66	7.14	8.85	67.04	3.701	19.86	20.05	20.19	0.192	0.331	86.4	17.53	2.172	893	0.254
7/2/2014 19:30	70028	15	183	3.245	68.78	10.75	4.895	63.62	6.632	7.448	58.52	7.301	20.11	20.37	20.59	0.259	0.474	83.8	17.31	1.571	893	0
7/2/2014 19:45	70029	15	183	2.596	60.4	16.89	3.928	55.16	12.35	6.089	47.96	6.898	19.94	20.11	20.04	0.173	0.103	86.5	17.63	1.088	893	0
7/2/2014 20:00	70030	15	183	2.75	55.78	13.99	4.43	50.24	8.16	7.29	54.43	10.46	19.7	19.89	21.03	0.187	1.333	87.9	17.65	1.423	894	0.254
7/2/2014 20:15	70031	15	183	2.707	58.52	10.66	4.689	58.85	6.127	6.294	76.26	5.671	19.69	20.23	22.04	0.543	2.351	86.9	17.47	1.252	894	0
7/2/2014 20:30	70032	15	183	1.823	78.58	13.29	3.313	76.16	8.43	5.066	91.3	6.903	19.81	20.4	22.71	0.589	2.893	87.1	17.61	1.005	894	0.254
7/2/2014 20:45	70033	15	183	2.088	29.2	15.19	3.692	32.29	17.37	5.777	40.11	23.5	19.88	20.36	21.54	0.477	1.657	88.2	17.88	1.072	895	0.254
7/2/2014 21:00	70034	15	183	3.132	33.74	14.96	5.203	29.91	9.72	7.884	31.15	7.735	19.84	20.1	20.12	0.26	0.276	89.6	18.09	1.314	895	0.254
7/2/2014 21:15	70035	15	183	3.336	42.41	13.02	5.408	39.55	7.635	8.19	39.91	3.617	19.75	20.02	19.9	0.27	0.151	88.9	17.88	1.399	895	0.254
7/2/2014 21:30	70036	15	183	3.821	42.11	12.89	6.03	38.38	7.029	8.8	35.61	4.017	19.52	19.68	19.49	0.158	-0.033	90.1	17.87	1.414	895	0
7/2/2014 21:45	70037	15	183	4.035	32.65	13.25	6.46	28.95	7.268	9.38	27.67	3.855	19.54	19.67	19.63	0.126	0.089	91.4	18.11	1.668	895	0
7/2/2014 22:00	70038	15	183	3.474	26.98	13.42	5.69	23.28	7.476	8.22	20.42	4.062	19.4	19.51	19.26	0.113	-0.139	91.6	18.01	1.399	895	0.254
7/2/2014 22:15	70039	15	183	3.167	32.46	13.38	5.222	28.84	8.02	7.557	25.24	6.14	19.26	19.34	19.02	0.08	-0.24	93.1	18.14	1.37	895	0.508
7/2/2014 22:30	70040	15	183	2.533	78.4	25.59	3.828	71.7	23.19	5.712	61.88	20.1	19.34	19.4	19.18	0.051	-0.16	93.9	18.35	1.102	895	0.508
7/2/2014 22:45	70041	15	183	2.72	116.8	22.45	4.097	112.4	18.59	6.218	110.1	15.25	19.56	19.64	19.5	0.075	-0.057	94.5	18.67	1.162	896	0.254
7/2/2014 23:00	70042	15	183	3.511	129.1	18.29	5.303	124.6	14.79	7.233	116	10.7	19.66	19.92	19.83	0.258	0.17	89	17.81	1.189	895	0.254
7/2/2014 23:15	70043	15	183	3.052	121	12.38	4.861	115.9	8.19	7.754	106.3	4.813	19.22	19.63	19.96	0.409	0.741	86.9	16.99	1.433	895	0.254
7/2/2014 23:30	70044	15	183	3.366	111.6	12.14	5.174	107.4	7.694	8.72	100.4	5.157	19.46	19.84	20.42	0.383	0.965	87.3	17.3	1.266	895	0
7/2/2014 23:45	70045	15	183	4.907	103.9	12.51	7.229	99.3	8.36	10.2	94.2	5.009	19.65	19.9	19.91	0.254	0.261	87.5	17.54	1.73	895	0.254
7/3/2014 0:00	70046	15	184	4.912	97.7	10.87	7.222	94.4	6.396	10.69	92.5	3.255	19.39	19.54	19.71	0.151	0.32	88.5	17.46	1.57	895	0.254
7/3/2014 0:15	70047	15	184	5.316	94.3	10.71	7.683	91.6	7.19	11.06	88.6	4.009	19.44	19.58	19.58	0.136	0.141	89	17.59	1.889	895	0.508
7/3/2014 0:30	70048	15	184	5.271	99.5	11.25	7.63	95.4	7.591	11.61	91.2	4.091	19.11	19.14	19.4	0.038	0.291	87.1	16.93	1.736	895	0.508
7/3/2014 0:45	70049	15	184	3.417	93.6	12.61	5.553	90.6	7.64	8.71	98.9	5.565	18.8	19.32	21.44	0.522	2.635	84.9	16.22	1.305	895	0.508
7/3/2014 1:00	70050	15	184	2.109	102.2	12.24	3.788	100.6	9.11	5.579	121.5	7.036	18.86	19.83	22.37	0.964	3.512	84.2	16.15	0.985	895	0.508
7/3/2014 1:15	70051	15	184	2.004	107.5	9.85	4.13	112.9	7.092	5.3	129.3	6.562	18.96	20.54	22.45	1.581	3.49	85	16.4	1.132	895	0.254
7/3/2014 1:30	70052	15	184	1.472	116.5	15.62	3.337	113.7	9.57	4.427	131.3	8.41	18.99	20.28	22.15	1.284	3.159	85.1	16.45	0.951	895	0
7/3/2014 1:45	70053	15	184	0.728	110.5	34.32	2.099	105	10.69	4.013	124	8.89	18.95	19.76	22.19	0.814	3.242	87.8	16.91	0.831	894	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/3/2014 2:00	70054	15	184	1.37	107.2	23.59	3.285	99	9.67	4.451	114.4	12.77	19.22	20.64	23.24	1.429	4.024	85.1	16.67	0.938	894	0
7/3/2014 2:15	70055	15	184	2.715	79.32	10.93	5.012	79.06	6.615	6.598	89.3	6.736	19.36	20.42	23.29	1.062	3.939	83.8	16.56	1.159	894	0
7/3/2014 2:30	70056	15	184	3.283	93.9	9.91	5.526	90.6	5.299	8.56	88.2	2.768	19.51	20.33	22.62	0.815	3.111	80.3	16.04	1.179	894	0
7/3/2014 2:45	70057	15	184	2.984	87.2	10.12	5.041	83.7	5.784	8.74	78.73	1.622	19.25	20.02	21.91	0.777	2.663	78.33	15.4	1.337	894	0
7/3/2014 3:00	70058	15	184	3.181	81.4	10.28	5.338	78.07	5.835	9.91	76.44	1.759	19.2	19.85	21.47	0.645	2.262	81.3	15.95	1.606	894	0
7/3/2014 3:15	70059	15	184	3.553	71.39	10.73	5.306	68.74	7.135	9.11	70.66	4.046	19.61	19.98	20.58	0.367	0.963	84.4	16.92	1.405	894	0
7/3/2014 3:30	70060	15	184	3.578	69.21	11.16	5.368	66.86	7.305	8.67	67.92	3.705	19.79	20.09	20.34	0.297	0.555	85.8	17.36	1.232	894	0
7/3/2014 3:45	70061	15	184	3.802	71.71	10.89	5.809	69.08	7.168	9.09	68.72	4.07	19.83	20.12	20.28	0.289	0.444	87.1	17.64	1.438	894	0
7/3/2014 4:00	70062	15	184	4.151	74.88	10.33	6.074	71.75	6.45	9.23	71.83	3.101	19.9	20.16	20.32	0.26	0.42	87.3	17.73	1.219	894	0
7/3/2014 4:15	70063	15	184	3.408	73.3	10.62	5.116	69.95	7.082	8.13	71.5	3.634	19.77	20	20.1	0.227	0.327	88.6	17.84	1.322	895	0
7/3/2014 4:30	70064	15	184	3.318	73.17	11.15	4.979	68.94	7.194	7.952	70.06	3.351	19.72	19.91	19.99	0.195	0.274	89.7	17.99	1.181	894	0
7/3/2014 4:45	70065	15	184	3.609	77.27	9.97	5.388	72.55	6.544	8.26	72.63	3.355	19.68	19.86	19.87	0.184	0.197	90.6	18.12	1.455	895	0
7/3/2014 5:00	70066	15	184	3.778	85.7	11.37	5.467	80.2	7.897	8.29	78.28	4.286	19.71	19.85	19.76	0.144	0.055	90.8	18.17	3.197	894	0
7/3/2014 5:15	70067	15	184	3.983	82.1	11.7	5.728	77.56	7.355	8.26	75.73	3.784	19.65	19.76	19.6	0.115	-0.049	91.4	18.23	12.72	894	0
7/3/2014 5:30	70068	15	184	3.516	71.37	11.45	5.145	67.95	7.898	7.405	68.88	5.668	19.59	19.67	19.47	0.073	-0.12	92.2	18.3	46.01	895	0
7/3/2014 5:45	70069	15	184	3.244	65.25	12.36	4.723	62.5	7.448	6.721	63.43	4.58	19.74	19.71	19.44	-0.026	-0.299	92.6	18.51	99.1	895	0
7/3/2014 6:00	70070	15	184	3.862	76.09	10.53	5.581	73.31	7.978	7.657	69.98	5.384	20.02	19.91	19.55	-0.111	-0.469	91.4	18.58	151.7	895	0
7/3/2014 6:15	70071	15	184	3.986	78.16	11.67	5.674	73.5	7.846	7.54	70.74	5.287	20.36	20.18	19.76	-0.176	-0.595	89.2	18.53	209.4	895	0
7/3/2014 6:30	70072	15	184	4.258	83.3	11.92	6.019	79.3	8.26	7.549	76.93	5.988	20.74	20.52	20.05	-0.227	-0.69	86.6	18.44	272.7	895	0
7/3/2014 6:45	70073	15	184	4.34	85.6	12.68	6.188	82.8	8.68	7.804	80.4	5.237	21.2	20.91	20.41	-0.295	-0.791	84.1	18.42	338.2	895	0
7/3/2014 7:00	70074	15	184	4.358	93.2	12.72	6.087	88.6	8.54	7.575	85.1	5.847	21.73	21.37	20.8	-0.365	-0.937	81.7	18.48	413.3	895	0
7/3/2014 7:15	70075	15	184	4.11	94.7	12.46	5.704	91.9	8.5	7.154	90.9	5.595	22.24	21.79	21.2	-0.454	-1.04	78.75	18.39	494.4	895	0
7/3/2014 7:30	70076	15	184	3.841	96.7	13.2	5.299	93.3	8.92	6.415	90.3	6.737	22.6	22.02	21.4	-0.574	-1.199	77.49	18.48	531	895	0
7/3/2014 7:45	70077	15	184	4.585	104.8	12.59	6.426	99.5	8.69	7.674	93.6	5.936	22.8	22.2	21.56	-0.595	-1.238	75.45	18.25	590.9	895	0
7/3/2014 8:00	70078	15	184	4.9	99	13.12	6.723	95.3	8.51	8.12	92	5.314	23	22.33	21.59	-0.67	-1.416	75.04	18.36	665.2	895	0
7/3/2014 8:15	70079	15	184	4.614	104.6	13.67	6.287	100.8	9.66	7.55	98.2	6.631	23.36	22.61	21.91	-0.748	-1.453	73.29	18.32	704.9	895	0
7/3/2014 8:30	70080	15	184	3.788	110.9	15.99	5.263	105.1	11.25	6.449	103.3	8.19	24.04	23.17	22.36	-0.864	-1.673	71.34	18.55	703.4	895	0
7/3/2014 8:45	70081	15	184	3.705	122.2	17.21	5.056	118.7	11.83	5.989	114.7	8.87	24.26	23.35	22.66	-0.905	-1.595	69.68	18.38	832	895	0
7/3/2014 9:00	70082	15	184	3.166	133.1	19.65	4.243	126.5	15.49	5.197	121.2	11.97	24.83	23.94	23.13	-0.89	-1.701	68.14	18.57	869	895	0
7/3/2014 9:15	70083	15	184	3.513	148.1	17.93	4.856	141.4	14.17	5.76	133.9	10.59	25.3	24.33	23.59	-0.973	-1.706	64.93	18.25	866	895	0
7/3/2014 9:30	70084	15	184	3.124	140.8	19.23	4.398	133.2	12.69	5.497	126.1	13.25	25.37	24.46	23.74	-0.911	-1.627	65.09	18.35	749.4	895	0
7/3/2014 9:45	70085	15	184	3.61	135.7	18.14	4.965	131.1	14.65	5.695	127	11.98	25.85	24.75	23.96	-1.104	-1.886	62.83	18.24	969	895	0
7/3/2014 10:00	70086	15	184	3.536	127.8	19	4.862	122.3	13.85	5.735	115.9	10.85	26.13	25.01	24.33	-1.116	-1.8	61.42	18.14	1043	895	0
7/3/2014 10:15	70087	15	184	3.611	127	18.15	4.974	123.6	13.22	5.871	121.5	11.25	26.6	25.43	24.65	-1.162	-1.945	59.12	17.98	1090	895	0
7/3/2014 10:30	70088	15	184	3.884	126.8	18.01	5.573	120.8	12.85	6.478	117.4	9.75	26.67	25.68	24.93	-0.989	-1.743	58.7	17.93	869	895	0
7/3/2014 10:45	70089	15	184	3.481	125.1	19.69	4.609	121.2	15.28	5.409	117.9	12.21	27.36	26.19	25.43	-1.176	-1.933	55.05	17.55	1254	895	0
7/3/2014 11:00	70090	15	184	3.99	130.7	16.17	5.478	126.3	11.63	6.307	125.5	10.69	28.17	26.74	25.87	-1.432	-2.3	52.35	17.51	1312	895	0
7/3/2014 11:15	70091	15	184	3.854	136.9	19.98	5.336	131.1	17.47	6.388	130.7	15.88	28.12	27.08	26.26	-1.045	-1.86	50.19	16.8	968	894	0
7/3/2014 11:30	70092	15	184	4.327	126.6	16.74	5.873	122.4	11.49	7.05	119.6	7.84	28.46	27.26	26.46	-1.197	-2.001	47.93	16.38	1130	894	0
7/3/2014 11:45	70093	15	184	4.113	125.1	20.59	5.547	120.5	18.66	6.806	116.5	17.52	29.22	27.9	26.92	-1.317	-2.304	47.07	16.79	1279	894	0
7/3/2014 12:00	70094	15	184	3.87	119.6	22.75	5.378	115	19.75	6.538	114.7	17.7	29.61	28.3	27.4	-1.306	-2.202	45.16	16.48	1212	894	0
7/3/2014 12:15	70095	15	184	4.146	120.5	17.06	5.608	116	12.53	6.68	113.4	13.19	29.34	28.39	27.63	-0.949	-1.714	43.39	15.62	830	894	0
7/3/2014 12:30	70096	15	184	4.461	117.7	18.29	6.237	111.9	13.62	7.363	109.5	10.07	29.49	28.46	27.72	-1.03	-1.77	42.69	15.51	1052	894	0
7/3/2014 12:45	70097	15	184	4.41	136.8	19.84	6.115	131.3	15.05	7.497	127.3	12.12	30.18	29.07	28.26	-1.102	-1.911	38.87	14.65	1032	893	0
7/3/2014 13:00	70098	15	184	3.995	137	19.91	5.55	132.3	16.46	6.646	129.7	13.89	30.72	29.48	28.62	-1.239	-2.098	36.78	14.28	1158	893	0
7/3/2014 13:15	70099	15	184	4.725	141.7	17.43	6.628	136.3	13.8	8.02	131.5	10.78	30.81	29.58	28.79	-1.234	-2.024	35.7	13.91	1088	893	0
7/3/2014 13:30	70100	15	184	4.374	138.2	21.13	6.093	133.2	17.1	7.215	129.4	17.55	31.74	30.26	29.32	-1.486	-2.422	33.77	13.87	1356	893	0
7/3/2014 13:45	70101	15	184	4.13	146.9	27.53	5.632	141.9	24.27	6.928	136.7	24.54	31.08	30.05	29.27	-1.028	-1.814	34.41	13.57	936	893	0
7/3/2014 14:00	70102	15	184	4.262	158.9	17.61	5.871	151.9	14.66	6.856	146.8	12.27	31.19	30.21	29.41	-0.978	-1.78	34.23	13.58	848	893	0
7/3/2014 14:15	70103	15	184	3.838	147.4	16.47	5.508	142.5	13.17	6.76	139.4	12	30.9	30.13	29.47	-0.777	-1.438	34.62	13.51	691.4	892	0
7/3/2014 14:30	70104	15	184	4.54	160	19.74	6.106	154.7	16.71	7.315	152.3	15.59	31.87	30.7	29.87	-1.169	-1.999	32.62	13.44	1117	892	0
7/3/2014 14:45	70105	15	184	4.074	146.7	24.29	5.453	144	18.6	6.499	141.4	16.44	32.08	30.93	30.11	-1.145	-1.971	31.57	13.12	1063	892	0
7/3/2014 15:00	70106	15	184	4.56	160.5	17.93	6.352	152.4	14.05	7.595	148.9	12.69	32.49	31.28	30.38	-1.205	-2.106	30.69	13.04	1041	892	0
7/3/2014 15:15	70107	15	184	4.775	166.1	14.05	6.567	159.5	8.51	7.608	157.7	6.64	32.17	31.13	30.35	-1.04	-1.826	30.47	12.66	894	892	0
7/3/2014 15:30	70108	15	184	4.658	160.2	17.81	6.645	154.4	13.65	7.776	152.1	9.71	32.47	31.45	30.63	-1.02	-1.844	29.87	12.62	881	892	0
7/3/2014 15:45	70109	15	184	4.117	146	17.6	5.856	140.8	14.29	7.094	138.9	13.08	32.55	31.51	30.68	-1.035	-1.861	29.73	12.6	901	892	0
7/3/2014 16:00	70110	15	184	4.759	162.3	13.37	6.66	154.5	9.98	8.02	149.6	8.64	31.48	31.07	30.44	-0.407	-1.046	30.48	12.07	342.9	891	0
7/3/2014 16:15	70111	15	184	4.497	156	14.86	6.4	150.3	11.81	7.986	147.2	9.63	31.4	30.91	30.3	-0.493	-1.102	31.51	12.51	545.9	891	0
7/3/2014 16:30	70112	15	184	4.671	149	14.21	6.688	143.2	9.39	8.02	138.7	7.026	31.98	31.27	30.62	-0.704	-1.359	30.26	12.39	660.4	891	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/3/2014 16:45	70113	15	184	4.448	140.1	19.37	6.555	134.4	15.37	8.1	128.9	14.16	31.92	31.31	30.62	-0.612	-1.304	30.45	12.44	571	891	0
7/3/2014 17:00	70114	15	184	5.566	127.9	14.26	8	122	9.24	9.92	116.7	6.892	31.41	30.87	30.15	-0.54	-1.256	31.33	12.42	533	891	0
7/3/2014 17:15	70115	15	184	5.575	121.5	12.99	8.16	116.6	7.603	10.24	114.3	4.66	30.66	30.2	29.51	-0.466	-1.156	33.6	12.84	449.6	891	0
7/3/2014 17:30	70116	15	184	5.706	116.2	18.29	8.26	111	15.21	10.26	106.1	13.22	30	29.74	29.15	-0.262	-0.844	35.76	13.16	299.3	891	0
7/3/2014 17:45	70117	15	184	5.581	101.5	12.91	7.859	97.5	8.96	9.86	95.7	6.051	29.02	28.75	28.23	-0.273	-0.79	40.67	14.33	254.3	891	0
7/3/2014 18:00	70118	15	184	5.571	112.6	14.89	8.26	108.2	10.16	10.33	105.8	8.57	29.37	29.23	28.78	-0.145	-0.592	38.86	13.93	220.2	891	0
7/3/2014 18:15	70119	15	184	5.39	128.8	12.17	8.08	123.9	7.495	10.48	120.2	4.644	29.24	29.26	28.88	0.01	-0.368	37.83	13.42	141.7	891	0
7/3/2014 18:30	70120	15	184	5.098	129.4	12.23	7.432	124.3	7.211	9.98	120.6	4.491	28.81	28.94	28.66	0.129	-0.148	38.81	13.42	76.96	891	0
7/3/2014 18:45	70121	15	184	3.983	126.3	12.04	6.01	121.9	6.782	8.46	118.7	4.108	28.25	28.54	28.47	0.286	0.217	40.07	13.42	27.53	892	0
7/3/2014 19:00	70122	15	184	3.526	123.5	12.23	5.446	119.6	7.024	8.22	116.6	3.865	27.78	28.16	28.23	0.379	0.445	41.64	13.59	13.64	892	0
7/3/2014 19:15	70123	15	184	3.215	118	11.54	5.067	114.3	6.9	7.611	112	4.578	27.28	27.73	27.89	0.447	0.616	43.58	13.83	4.625	892	0
7/3/2014 19:30	70124	15	184	2.751	116.1	10.39	4.437	113.6	6.408	7.31	112.7	3.799	26.68	27.23	27.58	0.552	0.902	45.33	13.89	1.534	892	0
7/3/2014 19:45	70125	15	184	2.287	119.7	10.96	4.036	117.8	5.802	7.027	121.3	4.773	26.05	26.78	27.46	0.737	1.41	46.53	13.72	1.219	892	0
7/3/2014 20:00	70126	15	184	2.084	119	10.19	3.866	118.2	5.35	6.868	127.6	3.172	25.45	26.46	27.48	1.002	2.024	46.72	13.25	1.006	892	0
7/3/2014 20:15	70127	15	184	2.174	124.9	10.3	4.058	123.8	5.14	7.194	127.5	3.163	25.4	26.4	27.34	1	1.942	43.92	12.25	1.129	893	0
7/3/2014 20:30	70128	15	184	2.388	125.4	10.25	4.255	122.7	5.093	7.555	125.1	2.954	25.39	26.25	27.13	0.858	1.741	43.43	12.08	1.191	893	0
7/3/2014 20:45	70129	15	184	2.574	124.4	10.6	4.394	121.1	6.337	7.808	123.5	2.965	25.3	26.02	26.82	0.723	1.523	43.6	12.05	1.185	893	0
7/3/2014 21:00	70130	15	184	2.641	123.8	11.42	4.587	120.3	6.474	8.18	122	3.061	25.05	25.73	26.52	0.684	1.471	44.16	12.02	1.301	893	0
7/3/2014 21:15	70131	15	184	3.059	130.1	10.93	4.951	126.1	6.923	8.66	125.8	3.728	25.12	25.74	26.44	0.626	1.326	43.08	11.71	1.416	894	0
7/3/2014 21:30	70132	15	184	2.921	126.6	11.1	4.886	121.9	6.432	8.13	122.7	3.871	25.05	25.66	26.19	0.612	1.14	42.42	11.41	1.324	894	0
7/3/2014 21:45	70133	15	184	2.915	125.2	11.69	4.841	121	6.412	8.24	121.2	3.906	24.68	25.28	25.83	0.6	1.147	43.84	11.58	1.247	894	0
7/3/2014 22:00	70134	15	184	3.253	126.6	11.49	5.089	123	6.701	8.46	123.7	3.979	24.7	25.21	25.68	0.512	0.978	43.72	11.55	1.344	894	0
7/3/2014 22:15	70135	15	184	3.084	128.2	11.05	4.969	123.5	7.058	8.2	124	4.13	24.52	25.05	25.49	0.527	0.962	44.39	11.63	1.471	894	0
7/3/2014 22:30	70136	15	184	2.947	128.4	10.96	4.809	124.8	7.208	8.01	124.9	4.005	24.33	24.87	25.3	0.539	0.961	45.01	11.66	1.326	894	0
7/3/2014 22:45	70137	15	184	3.025	129.3	11.88	4.789	125.6	7.082	7.85	125.2	4.325	24.28	24.77	25.12	0.494	0.843	45.19	11.67	1.351	894	0
7/3/2014 23:00	70138	15	184	3.063	131	10.37	4.878	127.4	6.924	7.68	126.8	3.971	24.14	24.67	24.97	0.53	0.835	45.47	11.64	1.205	894	0
7/3/2014 23:15	70139	15	184	3.025	131.2	11.07	4.68	127.9	6.662	7.63	126.8	3.988	23.95	24.44	24.76	0.491	0.81	45.95	11.63	1.298	895	0
7/3/2014 23:30	70140	15	184	3.017	131.3	11.74	4.75	126.5	6.724	7.681	126.2	4.16	23.8	24.25	24.56	0.453	0.768	46.2	11.57	1.342	895	0
7/3/2014 23:45	70141	15	184	2.943	127.9	10.74	4.716	123.8	6.46	7.863	124.2	3.492	23.44	23.89	24.28	0.448	0.845	47.81	11.76	1.276	895	0
7/4/2014 0:00	70142	15	185	3.159	132.3	10.56	4.944	127.8	6.785	8.13	128.7	4.438	23.31	23.75	24.18	0.442	0.876	48.41	11.83	1.39	894	0
7/4/2014 0:15	70143	15	185	3.51	133.5	11.11	5.386	129.1	6.915	8.49	129.1	4.481	23.47	23.89	24.16	0.412	0.682	48.26	11.94	1.391	894	0
7/4/2014 0:30	70144	15	185	3.469	133.7	11.33	5.308	129.4	7.331	8.37	129.2	5.021	23.53	23.9	24.07	0.371	0.547	48.33	12	1.319	894	0
7/4/2014 0:45	70145	15	185	3.334	130.9	11.9	5.076	126.4	7.327	8.03	126.5	4.923	23.35	23.72	23.9	0.375	0.554	49.24	12.12	1.304	894	0
7/4/2014 1:00	70146	15	185	3.197	123.6	12.37	5.004	121.1	7.777	7.724	122.7	5.65	23.16	23.56	23.73	0.402	0.572	50.11	12.22	1.235	894	0
7/4/2014 1:15	70147	15	185	3.19	118.8	12.12	4.994	115.9	6.819	7.661	118.8	4.633	22.89	23.29	23.48	0.407	0.592	51.57	12.4	1.219	894	0
7/4/2014 1:30	70148	15	185	3.291	116.9	12.03	5.269	113.3	6.566	8.29	114.5	3.929	22.61	23	23.25	0.387	0.645	53.2	12.62	1.251	894	0
7/4/2014 1:45	70149	15	185	3.788	116.5	11.12	5.708	112.3	6.785	8.8	111.7	3.871	22.59	22.91	23.1	0.319	0.506	53.44	12.67	1.469	894	0
7/4/2014 2:00	70150	15	185	4.139	118.1	11.78	6.18	113.5	6.453	9.2	112	3.674	22.56	22.89	23.04	0.324	0.479	53.81	12.75	1.436	894	0
7/4/2014 2:15	70151	15	185	4.054	118.8	11.82	6.082	114.2	7.104	9.14	113	3.957	22.46	22.74	22.85	0.276	0.39	54.75	12.92	1.246	894	0
7/4/2014 2:30	70152	15	185	4.146	116.1	11.65	6.179	112.3	7.1	9.18	110.3	4.169	22.36	22.58	22.64	0.219	0.273	55.72	13.1	1.436	894	0
7/4/2014 2:45	70153	15	185	3.824	119.5	12.25	5.88	114.6	7.308	8.83	112.9	5.201	22.31	22.48	22.49	0.162	0.174	56.64	13.31	1.334	894	0
7/4/2014 3:00	70154	15	185	4.042	126	11.39	6.128	119.9	6.813	8.65	118.6	5.151	22.32	22.5	22.47	0.181	0.149	57.05	13.42	1.412	894	0
7/4/2014 3:15	70155	15	185	3.543	128.3	13.36	5.568	123.6	8.7	8.49	122.2	5.846	22.08	22.38	22.49	0.304	0.414	58.03	13.46	1.286	894	0
7/4/2014 3:30	70156	15	185	3.614	124.9	12.61	5.522	120	7.873	7.91	117.9	5.525	21.92	22.22	22.26	0.304	0.338	58.5	13.43	1.209	894	0
7/4/2014 3:45	70157	15	185	3.159	118.2	13.55	5.12	115.2	8.83	7.728	116.3	5.847	21.61	21.96	22.1	0.342	0.484	59.89	13.5	1.149	894	0
7/4/2014 4:00	70158	15	185	3.445	118.8	12.41	5.467	115.8	7.542	8.16	118.9	6.214	21.58	21.93	22.14	0.343	0.551	60.28	13.58	1.219	894	0
7/4/2014 4:15	70159	15	185	3.942	117.2	12.19	6.067	113.7	6.951	8.71	114.1	4.17	21.51	21.8	21.85	0.292	0.338	60.15	13.48	1.373	894	0
7/4/2014 4:30	70160	15	185	3.799	123.8	11.79	5.83	118.1	7.216	8.61	117.7	4.537	21.38	21.67	21.79	0.295	0.413	60.59	13.46	1.487	895	0
7/4/2014 4:45	70161	15	185	3.829	125	11.64	5.88	120.1	6.813	8.73	117.5	4.128	21.21	21.49	21.59	0.286	0.38	61.15	13.44	1.68	895	0
7/4/2014 5:00	70162	15	185	4.205	125.6	11.57	6.502	121.2	6.947	9.62	120.2	4.108	21.03	21.28	21.38	0.249	0.342	61.93	13.47	4.882	895	0
7/4/2014 5:15	70163	15	185	4.225	126.1	11.58	6.518	121.1	7.085	9.72	120.4	3.962	20.94	21.15	21.19	0.207	0.245	62.88	13.62	18.4	895	0
7/4/2014 5:30	70164	15	185	4.513	130.8	11.26	6.594	124.7	7.447	9.52	123.4	4.664	21.05	21.17	21.12	0.122	0.066	63.99	13.99	48.25	895	0
7/4/2014 5:45	70165	15	185	4.404	130.7	12.76	6.484	126.6	8.05	9.27	125.1	5.194	21.34	21.38	21.22	0.043	-0.113	64.44	14.37	93.7	895	0
7/4/2014 6:00	70166	15	185	4.923	133.6	12.08	7.152	129.6	7.796	9.3	127.8	5.81	21.83	21.72	21.39	-0.11	-0.438	63.81	14.69	167.8	895	0
7/4/2014 6:15	70167	15	185	4.822	135	13.06	7.121	130.5	8.54	9.18	128	5.87	22.36	22.07	21.61	-0.297	-0.755	62.71	14.92	260.8	895	0
7/4/2014 6:30	70168	15	185	4.845	141.1	12.16	7.088	135	8.34	9.07	130	6.217	22.8	22.43	21.9	-0.369	-0.899	61.26	14.97	302.5	895	0
7/4/2014 6:45	70169	15	185	5.095	138.2	12.13	7.315	133.5	8.62	8.95	132.3	6.038	23.03	22.66	22.13	-0.372	-0.901	60.41	14.97	343.4	896	0
7/4/2014 7:00	70170	15	185	4.958	145.2	13.11	7.118	138.5	8.25	8.71	135.7	5.54	23.64	23.06	22.48	-0.577	-1.165	58.41	15.02	463	896	0
7/4/2014 7:15	70171	15	185	4.935	145.3	12.89	7.153	140.6	7.321	8.84	138.7	4.113	23.89	23.26	22.62	-0.632	-1.272	57.22	14.94	481.8	896	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/4/2014 7:30	70172	15	185	4.698	149.5	12.22	6.755	143.1	7.913	8.57	139.9	5.429	24.27	23.61	22.91	-0.662	-1.365	56.16	15	526.4	896	0
7/4/2014 7:45	70173	15	185	4.501	154.9	13.66	6.504	148	9.1	7.56	143	8.98	24.73	23.96	23.27	-0.763	-1.451	55.31	15.18	587.4	896	0
7/4/2014 8:00	70174	15	185	4.335	161.8	14.73	6.296	155.4	9.25	7.342	151.9	6.597	25.18	24.3	23.62	-0.881	-1.554	53.73	15.15	646.7	896	0
7/4/2014 8:15	70175	15	185	4.027	158.9	14.46	5.729	152.3	10.33	7.193	148.5	8.41	25.65	24.71	23.92	-0.94	-1.734	52.46	15.22	705.9	896	0
7/4/2014 8:30	70176	15	185	4.158	156.7	14.2	5.892	150.1	10.29	6.956	145.8	8.9	25.97	24.96	24.25	-1.011	-1.719	50.98	15.07	763.7	896	0
7/4/2014 8:45	70177	15	185	3.807	160.1	16.6	5.108	154.4	12.61	6.185	152.2	9.52	26.49	25.51	24.73	-0.973	-1.755	49.34	15.03	823	896	0
7/4/2014 9:00	70178	15	185	3.411	167.3	16.13	4.539	161.3	13.77	5.602	154.6	11.42	26.81	25.79	25	-1.021	-1.813	47.58	14.76	870	896	0
7/4/2014 9:15	70179	15	185	3.653	171.5	17.35	4.675	164.5	14.43	5.616	158.8	12.68	27.16	26.13	25.35	-1.032	-1.803	45.76	14.47	927	895	0
7/4/2014 9:30	70180	15	185	3.379	169.6	18.49	4.475	165.3	15.55	5.594	160.4	12.12	27.71	26.55	25.72	-1.161	-1.987	44.5	14.54	967	895	0
7/4/2014 9:45	70181	15	185	3.626	161.5	25.94	4.778	154.7	20.73	5.438	149.8	15.41	28.01	26.78	26.09	-1.233	-1.916	43.43	14.44	1016	895	0
7/4/2014 10:00	70182	15	185	3.003	173.7	20.57	4.089	168.8	17.35	4.761	165.9	13.33	28.67	27.36	26.55	-1.314	-2.117	42.25	14.6	1051	895	0
7/4/2014 10:15	70183	15	185	3.035	167.1	29.94	4.147	161.5	24.38	4.92	156.9	20.71	28.99	27.64	26.8	-1.343	-2.182	40.81	14.35	1095	895	0
7/4/2014 10:30	70184	15	185	3.093	150.9	21.94	4.187	146	17.66	4.864	144.6	17.16	29.21	27.91	27.19	-1.296	-2.017	39.34	13.98	1127	895	0
7/4/2014 10:45	70185	15	185	3.317	145.5	22.04	4.514	141.4	19.67	5.377	139.5	18.1	30	28.62	27.75	-1.372	-2.244	38.01	14.15	1157	895	0
7/4/2014 11:00	70186	15	185	3.375	166.5	28.91	4.693	161.3	23.88	5.349	156	16.63	30.23	28.82	27.99	-1.41	-2.234	36.66	13.8	1185	895	0
7/4/2014 11:15	70187	15	185	3.167	191.8	21.63	4.159	185.8	20.35	4.784	181.8	15.88	30.43	29.17	28.28	-1.259	-2.147	35.75	13.59	1203	895	0
7/4/2014 11:30	70188	15	185	2.973	153.5	25.85	3.827	148.4	24.16	4.646	146.5	21.45	30.96	29.6	28.69	-1.356	-2.262	33.77	13.17	1218	895	0
7/4/2014 11:45	70189	15	185	2.798	186	22.82	3.559	177.2	17.73	4.248	168.3	18.36	30.73	29.55	28.83	-1.176	-1.892	32.55	12.42	1227	895	0
7/4/2014 12:00	70190	15	185	2.925	144.4	25.59	3.928	136.2	22.2	4.474	131.1	17.88	31.37	30.05	29.09	-1.313	-2.272	31.6	12.52	1237	894	0
7/4/2014 12:15	70191	15	185	3.395	143.6	31.8	4.385	139	28.1	5.233	134.2	24.55	31.62	30.35	29.58	-1.269	-2.037	29.25	11.56	1246	894	0
7/4/2014 12:30	70192	15	185	3.518	164.3	30.94	4.812	161.1	28.14	5.756	160.6	22.88	32.26	30.97	29.99	-1.286	-2.269	28.84	11.89	1215	894	0
7/4/2014 12:45	70193	15	185	3.672	166.5	24.29	4.814	160.3	20.77	5.713	156.8	17.78	32.19	30.89	30.1	-1.301	-2.09	26.85	10.76	1170	894	0
7/4/2014 13:00	70194	15	185	3.926	169.8	20.77	5.048	162.1	17.2	5.874	151.6	14.75	32.19	30.96	30.17	-1.223	-2.015	27.56	11.15	1161	894	0
7/4/2014 13:15	70195	15	185	3.804	151.2	22.63	5.012	146.1	18.52	5.841	146.6	17.7	32.72	31.41	30.49	-1.308	-2.231	27	11.28	1261	894	0
7/4/2014 13:30	70196	15	185	3.916	136.6	22.1	5.388	129.8	17.98	6.343	130.6	15.44	32.48	31.3	30.39	-1.176	-2.094	27.14	11.17	1038	893	0
7/4/2014 13:45	70197	15	185	3.915	155.3	17.65	5.488	149.5	14.93	6.605	148.9	12.01	33.03	31.66	30.73	-1.367	-2.304	25.85	10.9	1197	893	0
7/4/2014 14:00	70198	15	185	4.072	131.5	25.43	5.676	127.7	21.15	7.077	126.6	16.14	32.99	31.75	30.86	-1.245	-2.134	25.69	10.77	1011	893	0
7/4/2014 14:15	70199	15	185	4.317	149.2	18.51	5.906	143.5	15.07	6.934	140.1	10.51	32.98	31.79	31.02	-1.197	-1.963	24.72	10.19	1045	893	0
7/4/2014 14:30	70200	15	185	4.003	175.2	20.94	5.387	169.8	16.62	6.554	163.6	14	33.43	32.28	31.37	-1.155	-2.06	24.29	10.3	1062	893	0
7/4/2014 14:45	70201	15	185	4.594	152.3	16.13	6.293	147	12.96	7.689	143.9	9.49	33.45	32.3	31.34	-1.155	-2.114	24.01	10.15	1025	893	0
7/4/2014 15:00	70202	15	185	3.885	161.1	18.13	5.39	155	15.46	6.41	150.9	14.21	33.68	32.6	31.67	-1.085	-2.008	23.16	9.79	1011	893	0
7/4/2014 15:15	70203	15	185	4.097	140.6	17.43	5.767	134.3	14.88	7.08	131.3	11.35	33.16	32.23	31.48	-0.927	-1.674	25.18	10.6	759.5	892	0
7/4/2014 15:30	70204	15	185	4.798	148.3	20.46	6.768	143.1	17.02	8.26	141.6	14.55	33.68	32.69	31.79	-0.994	-1.893	25.56	11.28	919	892	0
7/4/2014 15:45	70205	15	185	4.637	161.6	17.82	6.503	153.7	13.96	7.973	149.6	9.31	33.44	32.48	31.63	-0.96	-1.808	25.78	11.21	830	892	0
7/4/2014 16:00	70206	15	185	4.844	157.3	15.26	6.85	150.1	11.19	8.52	146.4	9.47	33.37	32.49	31.63	-0.884	-1.737	25.55	11.01	790.1	892	0
7/4/2014 16:15	70207	15	185	5.259	157.2	14.31	7.528	150.7	9.96	9.1	147.2	9.47	33.15	32.39	31.62	-0.754	-1.527	24.94	10.46	666.9	892	0
7/4/2014 16:30	70208	15	185	5.411	139.3	14.74	7.859	134	10.22	9.95	131	7.659	32.68	32.17	31.43	-0.513	-1.247	25.11	10.17	545.2	892	0
7/4/2014 16:45	70209	15	185	4.966	154.9	15.39	7.105	148.7	11.78	8.65	142.7	10.64	32.69	32.26	31.63	-0.431	-1.065	24.98	10.1	505.6	892	0
7/4/2014 17:00	70210	15	185	5.326	150	15.36	7.694	142.8	11.77	9.17	139.8	8.81	32.53	32.11	31.48	-0.413	-1.05	23.98	9.35	497.7	892	0
7/4/2014 17:15	70211	15	185	5.561	147.8	17.24	8.06	142.8	12.57	9.78	138.5	10.25	32.34	32.06	31.43	-0.283	-0.907	23.74	9.05	422.7	892	0
7/4/2014 17:30	70212	15	185	5.633	144.7	12.38	8.2	139.1	7.299	10.05	135.6	5.467	32.06	31.86	31.29	-0.198	-0.761	23.77	8.83	356.8	892	0
7/4/2014 17:45	70213	15	185	5.479	145	12.25	8.14	138.9	9.33	10.35	134.4	6.883	31.75	31.65	31.12	-0.1	-0.627	23.56	8.44	290	892	0
7/4/2014 18:00	70214	15	185	5.677	146.3	12.54	8.48	140.7	8.86	11.14	137.5	5.51	31.31	31.32	30.87	0.009	-0.441	22.92	7.673	221.7	892	0
7/4/2014 18:15	70215	15	185	5.618	138.8	13.43	8.35	133.4	8.59	10.9	129.8	5.647	30.94	31.04	30.67	0.102	-0.267	22.73	7.244	157.8	892	0
7/4/2014 18:30	70216	15	185	5.505	143.2	12.57	8.27	138.2	7.89	11.02	134.4	4.608	30.5	30.69	30.41	0.195	-0.091	22.85	6.95	100	892	0
7/4/2014 18:45	70217	15	185	5.135	143.7	12.21	7.693	138.9	7.769	10.49	134.9	5.004	30.08	30.34	30.15	0.261	0.066	23.34	6.912	53.7	892	0
7/4/2014 19:00	70218	15	185	4.094	142.8	11.96	6.312	138.8	7.694	8.77	135.4	6.011	29.48	29.85	29.77	0.378	0.299	24.46	7.087	20	892	0
7/4/2014 19:15	70219	15	185	4.399	139.8	12.14	6.619	134.6	7.897	9.66	131	5.767	29.05	29.44	29.44	0.393	0.393	25.26	7.196	4.955	893	0
7/4/2014 19:30	70220	15	185	4.745	140.9	12.52	7.105	136.9	7.236	9.9	133.2	4.482	28.74	29.12	29.12	0.388	0.386	25.31	6.961	2.035	893	0
7/4/2014 19:45	70221	15	185	4.339	140.6	12.32	6.599	135.1	7.838	9.71	131.5	5.105	28.32	28.72	28.76	0.396	0.435	25.83	6.908	1.571	893	0
7/4/2014 20:00	70222	15	185	4.96	138.2	12.57	7.535	132	7.535	10.52	129.4	4.749	28.18	28.54	28.52	0.367	0.344	26.2	6.993	1.692	893	0
7/4/2014 20:15	70223	15	185	4.824	139.2	11.46	7.195	132.8	7.118	9.97	129.7	4.565	27.81	28.15	28.16	0.344	0.35	26.59	6.894	1.621	893	0
7/4/2014 20:30	70224	15	185	4.752	141.7	12.3	7.22	134.8	7.171	10.21	132.5	4.386	27.58	27.95	27.94	0.361	0.354	26.74	6.784	1.563	893	0
7/4/2014 20:45	70225	15	185	4.052	139.3	12.42	6.287	133.1	7.603	9.27	130.9	4.62	27.09	27.49	27.54	0.398	0.445	28.24	7.159	1.405	893	0
7/4/2014 21:00	70226	15	185	4.292	137.6	12.18	6.488	132.7	7.217	9.5	129.7	5.332	26.85	27.23	27.26	0.376	0.409	30.35	8.01	1.488	894	0
7/4/2014 21:15	70227	15	185	4.354	137.3	12.25	6.497	132	7.733	9.28	129.7	5.647	26.69	27.04	27.03	0.347	0.34	31.18	8.27	1.61	894	0
7/4/2014 21:30	70228	15	185	4.351	136.2	10.97	6.468	130.3	6.99	9.25	129	5.167	26.4	26.76	26.75	0.355	0.347	32.27	8.53	1.493	894	0
7/4/2014 21:45	70229	15	185	4.372	137.2	11.38	6.383	131.4	7.451	9.25	128.7	4.938	26.16	26.49	26.52	0.335	0.359	33.24	8.75	1.634	894	0
7/4/2014 22:00	70230	15	185	4.303	136.6	11.67	6.403	132	7.298	9.28	129.4	5.17	25.98	26.29	26.28	0.317	0.299	34.06	8.95	1.514	894	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/4/2014 22:15	70231	15	185	4.724	141.3	11.78	6.877	134.8	7.624	9.53	132.4	5.552	25.79	26.08	26.03	0.294	0.238	35.29	9.32	1.428	894	0
7/4/2014 22:30	70232	15	185	4.426	140.3	11.75	6.582	134.5	7.204	9.29	132.4	5.132	25.53	25.84	25.79	0.304	0.259	36.41	9.55	1.573	894	0
7/4/2014 22:45	70233	15	185	4.468	139.3	12.35	6.662	134	7.604	9.3	131.3	5.086	25.29	25.57	25.52	0.285	0.235	37.53	9.79	1.551	894	0
7/4/2014 23:00	70234	15	185	4.285	140.1	12.73	6.507	134.3	7.711	9.12	132.4	5.218	25.03	25.32	25.25	0.288	0.223	39.11	10.17	1.4	894	0
7/4/2014 23:15	70235	15	185	4.041	140.1	12.67	6.145	135.2	7.574	8.56	132.9	5.515	24.8	25.09	25.02	0.294	0.215	40.88	10.63	1.403	894	0
7/4/2014 23:30	70236	15	185	3.989	137.5	11.54	5.945	132.4	7.92	8.35	130.4	5.534	24.57	24.86	24.81	0.286	0.236	42.53	11.02	1.334	894	0
7/4/2014 23:45	70237	15	185	3.895	137.9	11.5	5.947	132.4	6.776	8.09	130.8	5.427	24.34	24.65	24.57	0.314	0.232	44.03	11.33	1.296	894	0
7/5/2014 0:00	70238	15	186	3.699	135.7	11.76	5.571	130.4	7.773	7.933	128.9	5.935	24.13	24.43	24.37	0.304	0.245	45.27	11.56	1.353	894	0
7/5/2014 0:15	70239	15	186	3.841	133	12.53	5.926	127.3	7.464	8.14	126	5.35	23.97	24.26	24.16	0.287	0.193	46.38	11.79	1.434	894	0
7/5/2014 0:30	70240	15	186	3.923	135.9	11.69	5.861	129.8	8.09	8.27	128	5.492	23.81	24.07	24	0.262	0.188	47.68	12.06	1.408	894	0
7/5/2014 0:45	70241	15	186	3.553	136.1	11.49	5.203	129.7	7.647	7.492	127.6	5.209	23.58	23.86	23.81	0.285	0.238	49.06	12.28	1.159	894	0
7/5/2014 1:00	70242	15	186	3.145	136.2	12.97	4.932	130.9	9.54	7.151	127.9	6.066	23.4	23.72	23.68	0.321	0.288	50.38	12.52	1.251	895	0
7/5/2014 1:15	70243	15	186	2.526	150.4	12.42	4.018	143.5	8.38	6.017	138.9	7.298	23.08	23.51	23.53	0.432	0.454	51.89	12.67	1.096	895	0
7/5/2014 1:30	70244	15	186	3.54	143.3	12.78	5.493	138.7	7.999	7.622	137.4	6.083	23.13	23.48	23.49	0.352	0.365	52.25	12.83	1.236	895	0
7/5/2014 1:45	70245	15	186	3.75	141.3	11.48	5.716	135.7	7.539	8.28	134.7	4.925	23	23.28	23.3	0.281	0.298	52.67	12.83	1.35	894	0
7/5/2014 2:00	70246	15	186	3.756	139.2	11.4	5.554	133.2	6.717	7.865	130.7	4.487	22.83	23.1	23.09	0.267	0.26	53.27	12.84	1.269	894	0
7/5/2014 2:15	70247	15	186	3.348	132	12.17	5.213	126.7	7.081	7.682	126.3	4.461	22.47	22.78	22.87	0.311	0.397	54.66	12.91	1.382	894	0
7/5/2014 2:30	70248	15	186	3.308	128.9	11.29	5.249	123.2	6.85	7.95	123.1	4.027	22.27	22.57	22.7	0.301	0.427	55.45	12.94	1.41	894	0
7/5/2014 2:45	70249	15	186	3.079	128.1	12.29	4.932	123.4	6.672	7.763	123.6	4.2	22.03	22.35	22.5	0.325	0.472	56.24	12.93	1.368	894	0
7/5/2014 3:00	70250	15	186	3.438	128.6	11.36	5.21	124	6.955	8.11	124	4.315	21.93	22.22	22.4	0.287	0.471	56.55	12.92	1.42	894	0
7/5/2014 3:15	70251	15	186	3.247	129.8	11.62	5.11	126.1	7.169	7.934	127.1	5.046	21.82	22.12	22.29	0.3	0.467	56.77	12.88	1.289	894	0
7/5/2014 3:30	70252	15	186	3.038	126.3	11.94	4.735	122.9	8.01	7.552	124.6	5.521	21.66	21.96	22.14	0.304	0.488	57.19	12.84	1.337	894	0
7/5/2014 3:45	70253	15	186	3.54	121.2	12.14	5.541	117.8	7.202	8.16	120.6	4.283	21.64	21.92	22.02	0.28	0.387	57.1	12.8	1.249	894	0
7/5/2014 4:00	70254	15	186	3.355	124.7	11.58	5.268	119.9	6.794	8.4	119.8	4.379	21.42	21.67	21.79	0.252	0.368	57.83	12.79	1.361	895	0
7/5/2014 4:15	70255	15	186	3.444	125.5	11.9	5.226	121.6	7.826	8.22	122.6	4.693	21.34	21.6	21.73	0.259	0.391	58.04	12.77	1.557	895	0
7/5/2014 4:30	70256	15	186	3.101	122.2	13	4.922	118.3	7.489	7.386	119.1	4.618	21.2	21.48	21.53	0.284	0.336	58.23	12.69	1.236	895	0
7/5/2014 4:45	70257	15	186	2.635	123	11.68	4.301	119.2	7.365	6.943	120.7	4.263	20.81	21.14	21.32	0.336	0.512	59.97	12.77	1.548	895	0
7/5/2014 5:00	70258	15	186	2.52	127.5	11.83	4.185	121.7	6.941	6.791	123.8	4.383	20.62	20.95	21.2	0.333	0.577	60.86	12.82	4.934	895	0
7/5/2014 5:15	70259	15	186	2.687	123.5	12.82	4.34	119	7.103	7.193	120.6	4.692	20.66	20.93	21.15	0.269	0.489	61.45	13.01	19.41	895	0
7/5/2014 5:30	70260	15	186	3.152	130	11.83	4.89	125	7.247	7.391	124.7	4.724	20.91	21.09	21.15	0.183	0.235	61.38	13.22	50.8	895	0
7/5/2014 5:45	70261	15	186	3.354	130.3	12.56	5.049	125.1	7.504	7.196	124.3	4.851	21.19	21.25	21.18	0.066	-0.009	61.36	13.48	92.5	895	0
7/5/2014 6:00	70262	15	186	3.327	130.2	11.93	4.96	126	6.894	7.301	124.5	4.267	21.55	21.47	21.27	-0.079	-0.285	61.15	13.77	145.5	895	0
7/5/2014 6:15	70263	15	186	3.504	135.5	12.2	5.236	128.7	7.657	7.025	127.2	5.047	22.11	21.9	21.52	-0.21	-0.585	59.99	14	208.1	895	0
7/5/2014 6:30	70264	15	186	3.789	136.5	11.39	5.461	129.4	7.588	7.041	127.4	5.055	22.64	22.34	21.86	-0.305	-0.788	58.46	14.1	268.7	895	0
7/5/2014 6:45	70265	15	186	3.688	138.7	12.79	5.387	132.5	7.928	6.537	128.6	5.866	23.17	22.72	22.18	-0.443	-0.983	57.48	14.33	331.4	895	0
7/5/2014 7:00	70266	15	186	3.626	143.1	13.63	5.38	137.1	8	6.383	133.9	5.848	23.58	23.03	22.44	-0.548	-1.142	56.57	14.47	394.6	895	0
7/5/2014 7:15	70267	15	186	3.68	146.4	14.88	5.229	140.7	9.92	5.967	138.5	6.98	23.97	23.31	22.71	-0.665	-1.262	55.3	14.48	459.6	895	0
7/5/2014 7:30	70268	15	186	3.475	165.2	12.51	4.864	158.1	7.848	5.655	152.8	5.384	24.45	23.69	23.06	-0.764	-1.396	53.72	14.48	523.2	895	0
7/5/2014 7:45	70269	15	186	3.485	158.1	14.46	4.904	152.4	8.87	5.558	149.9	7.381	24.91	24.07	23.46	-0.839	-1.448	52.56	14.57	586.1	895	0
7/5/2014 8:00	70270	15	186	3.286	151.5	15.04	4.584	146.1	10.66	5.405	144.8	8.07	25.44	24.55	23.89	-0.889	-1.554	51.15	14.63	648.3	895	0
7/5/2014 8:15	70271	15	186	3.694	170	13.94	4.807	163.2	10.96	5.449	156.4	9.66	25.95	25.06	24.46	-0.892	-1.495	48.69	14.34	708.9	895	0
7/5/2014 8:30	70272	15	186	3.261	165.4	14.09	4.398	160.8	10.17	5.017	156.8	9.05	26.54	25.55	24.84	-0.996	-1.704	46.8	14.26	767.6	895	0
7/5/2014 8:45	70273	15	186	3.019	165.8	16.51	3.911	161.7	13.8	4.57	160.3	13.17	27.25	26.26	25.46	-0.987	-1.786	44.94	14.28	824	894	0
7/5/2014 9:00	70274	15	186	2.508	164	28.71	3.255	160.5	24.24	3.65	161.8	20.03	27.53	26.43	25.74	-1.099	-1.787	43.09	13.89	877	894	0
7/5/2014 9:15	70275	15	186	2.646	187.3	26.55	3.453	180.8	22.26	3.909	170.8	18.19	27.8	26.79	26.06	-1.015	-1.744	41.63	13.6	928	894	0
7/5/2014 9:30	70276	15	186	2.579	200	27.06	3.402	192.1	23.21	3.928	186.3	16.83	28	27.07	26.41	-0.935	-1.594	40.46	13.34	974	894	0
7/5/2014 9:45	70277	15	186	2.069	185.5	34.94	2.602	181.8	24.74	3.081	174.1	20.56	28.44	27.64	26.82	-0.801	-1.613	40.01	13.56	1019	894	0
7/5/2014 10:00	70278	15	186	2.334	172.2	24.67	3.004	164.4	19.84	3.558	156.2	20.14	28.84	27.79	27.04	-1.051	-1.808	38.62	13.38	1060	894	0
7/5/2014 10:15	70279	15	186	2.106	183.9	36.19	2.659	175.7	28.7	3.422	174.7	23.32	29.15	28.25	27.57	-0.904	-1.584	37.3	13.11	1095	894	0
7/5/2014 10:30	70280	15	186	2.615	181.2	27.1	3.328	171.3	24.55	4.048	163.2	22.19	30.06	28.89	28.07	-1.169	-1.986	35.92	13.33	1129	894	0
7/5/2014 10:45	70281	15	186	2.641	180.3	28.33	3.405	174.6	23.53	4.009	171.9	20.51	30.22	29.11	28.36	-1.104	-1.852	34.94	13.05	1154	894	0
7/5/2014 11:00	70282	15	186	2.866	175.2	28.87	3.65	169.3	23.12	4.439	166.1	15.63	30.62	29.49	28.7	-1.124	-1.915	34.07	13.02	1179	894	0
7/5/2014 11:15	70283	15	186	2.936	156.4	26.56	3.822	148.6	23.41	4.479	143.9	19.13	31.05	29.82	29.09	-1.235	-1.961	33.31	13.05	1196	894	0
7/5/2014 11:30	70284	15	186	3.074	159.1	27.47	4.047	152.6	20.79	4.748	145.9	13.29	31.46	30.21	29.41	-1.251	-2.054	32.73	13.14	1211	893	0
7/5/2014 11:45	70285	15	186	3.618	145.4	19.9	4.735	137.6	14.55	5.511	133.4	9.49	31.87	30.53	29.74	-1.345	-2.129	30.19	12.25	1222	893	0
7/5/2014 12:00	70286	15	186	3.389	142.3	32.77	4.351	139.4	28.64	4.808	143.1	27.63	32.29	30.87	30.02	-1.419	-2.269	29.75	12.4	1229	893	0
7/5/2014 12:15	70287	15	186	2.482	145.7	32.44	3.107	145.3	32.97	3.825	142.9	29.3	32.52	31.44	30.5	-1.075	-2.014	29.2	12.31	1228	893	0
7/5/2014 12:30	70288	15	186	3.537	160.3	37.06	4.651	152.7	28.71	5.474	148.7	22.98	32.51	31.44	30.75	-1.063	-1.76	28.61	11.99	1043	893	0
7/5/2014 12:45	70289	15	186	3.728	173.8	19.42	4.985	168	16.4	5.641	167.1	13.56	33.15	31.84	31.03	-1.307	-2.123	27.4	11.88	1231	893	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/5/2014 13:00	70290	15	186	3.036	168	21.67	3.798	162.4	19.46	4.49	161.4	14.09	33	31.87	31.04	-1.129	-1.954	26.74	11.38	1241	892	0
7/5/2014 13:15	70291	15	186	3.34	115	23.38	4.32	110.7	22.43	4.888	111	18	33.47	32.11	31.24	-1.361	-2.235	25.53	11.09	1222	892	0
7/5/2014 13:30	70292	15	186	2.519	133.3	60.08	3.201	136.1	50.46	3.733	141.8	36.37	33.35	32.3	31.39	-1.056	-1.965	24.89	10.6	1191	892	0
7/5/2014 13:45	70293	15	186	2.519	169.5	45.17	3.347	162.3	34.57	4.047	152.4	22.64	33.57	32.57	31.73	-0.998	-1.835	24.46	10.52	1179	892	0
7/5/2014 14:00	70294	15	186	3.691	116.7	20.68	4.817	112.2	16.04	5.593	111	12.64	34.08	32.74	31.68	-1.345	-2.399	24.34	10.88	1133	892	0
7/5/2014 14:15	70295	15	186	2.705	185	25.92	3.468	178.8	18.75	3.884	170.9	17.54	33.8	32.82	31.96	-0.984	-1.842	24.57	10.78	1112	892	0
7/5/2014 14:30	70296	15	186	3.73	156	21.86	5.044	147.4	19.63	5.981	147.3	16.07	34	32.83	32.08	-1.166	-1.921	23.83	10.49	1068	891	0
7/5/2014 14:45	70297	15	186	2.941	166.4	30.75	3.884	159.6	26.05	4.743	157.1	20.49	33.89	32.92	32.1	-0.972	-1.796	22.75	9.71	1026	891	0
7/5/2014 15:00	70298	15	186	2.629	163.7	48.81	3.456	154.7	45.93	4.266	146.7	40.84	34.04	33.07	32.26	-0.97	-1.78	23.32	10.2	991	891	0
7/5/2014 15:15	70299	15	186	3.327	120.6	23	4.417	115.6	18.73	5.275	114.8	13.4	34.16	33.11	32.33	-1.048	-1.829	23.02	10.11	905	891	0
7/5/2014 15:30	70300	15	186	3.202	138.6	25.63	4.545	136	21.95	5.56	140.2	16.75	33.6	33.06	32.36	-0.533	-1.234	23.18	9.74	500.1	891	0
7/5/2014 15:45	70301	15	186	1.864	164.7	36.68	2.42	154.5	28.59	2.852	145.2	20.99	33.24	32.86	32.34	-0.385	-0.906	23	9.32	605.1	891	0
7/5/2014 16:00	70302	15	186	3.337	140.8	21.8	4.556	136.4	17.11	5.571	135.9	12.29	33.77	33.08	32.47	-0.691	-1.299	22.94	9.73	675.2	890	0
7/5/2014 16:15	70303	15	186	3.014	133.6	19.57	4.194	129.3	14.46	5.077	132.5	13.78	33.78	33.17	32.55	-0.603	-1.226	22.62	9.53	635.3	890	0
7/5/2014 16:30	70304	15	186	2.984	157.3	15.39	3.993	150.9	11.39	4.733	148.6	11.32	33.72	33.18	32.57	-0.536	-1.146	21.68	8.85	634.3	890	0
7/5/2014 16:45	70305	15	186	2.505	163.6	28.05	3.326	158.3	26.31	3.918	155	23.55	33.43	33.13	32.57	-0.293	-0.856	21.94	8.78	432.6	890	0
7/5/2014 17:00	70306	15	186	2.002	138.9	15.98	3.009	135.6	12.44	3.854	133.4	8.75	32.87	32.95	32.53	0.076	-0.345	23.17	9.13	245.8	890	0
7/5/2014 17:15	70307	15	186	2.576	142.2	16.06	3.767	140.6	12.01	4.711	139.4	9.64	32.45	32.8	32.48	0.343	0.025	22.89	8.6	154.5	890	0
7/5/2014 17:30	70308	15	186	2.448	127.7	19.83	3.739	125.2	17.54	4.94	121.3	14.73	32.38	32.69	32.43	0.306	0.049	23.32	8.82	178.4	890	0
7/5/2014 17:45	70309	15	186	2.112	129.2	15.63	3.223	126.6	11.94	4.323	129.5	13.28	32.46	32.69	32.44	0.238	-0.019	23.88	9.23	223.1	890	0
7/5/2014 18:00	70310	15	186	2.505	135.9	12	3.666	131.1	8.18	4.848	127.7	6.491	32.56	32.73	32.41	0.173	-0.151	23.85	9.3	249.5	890	0
7/5/2014 18:15	70311	15	186	3.093	124	15.77	4.548	119.1	10.9	5.741	114.7	7.234	32.72	32.74	32.32	0.019	-0.402	23.94	9.49	262.8	890	0
7/5/2014 18:30	70312	15	186	3.586	125	15.32	5.477	120.1	10.4	6.984	116.3	8.92	32.32	32.46	32.11	0.138	-0.211	24.65	9.6	172.7	890	0
7/5/2014 18:45	70313	15	186	4.315	128.2	12.82	6.42	123.5	7.801	8.31	118.6	5.285	31.89	32.12	31.86	0.226	-0.034	24.9	9.38	86.9	891	0
7/5/2014 19:00	70314	15	186	4.396	130.3	11.9	6.703	126	7.326	8.75	121.6	4.601	31.39	31.72	31.56	0.333	0.175	25.54	9.33	26.8	891	0
7/5/2014 19:15	70315	15	186	3.986	134.1	11.59	6.058	127.7	7.328	8.52	124	4.65	30.8	31.18	31.14	0.382	0.348	26.38	9.31	4.436	891	0
7/5/2014 19:30	70316	15	186	3.791	143	12.15	5.809	137.7	7.412	8.63	133.9	5.193	30.14	30.58	30.62	0.434	0.471	28.42	9.87	1.81	891	0
7/5/2014 19:45	70317	15	186	3.723	145.3	12.7	5.886	139.7	7.592	8.6	136.5	5.129	29.59	29.99	30	0.396	0.41	30.92	10.65	1.536	891	0
7/5/2014 20:00	70318	15	186	4.222	144.7	13.39	6.55	139.2	8.32	9.4	135.6	5.331	29.25	29.6	29.55	0.354	0.305	33.11	11.39	1.581	891	0
7/5/2014 20:15	70319	15	186	5.124	145.7	12.96	7.696	140.6	7.802	10.51	136.4	4.994	29.03	29.28	29.14	0.248	0.111	34.41	11.78	1.638	891	0
7/5/2014 20:30	70320	15	186	4.948	144.5	12.54	7.525	140	8.09	10.44	136	5.739	28.58	28.81	28.65	0.236	0.078	36.18	12.14	1.821	891	0
7/5/2014 20:45	70321	15	186	5.541	143.5	12.08	8.44	137.7	7.179	11.32	134.5	5.36	28.32	28.5	28.28	0.174	-0.042	37.39	12.42	1.649	891	0
7/5/2014 21:00	70322	15	186	6.262	145.1	11.49	9.26	140.2	7.405	11.95	136.9	5.729	27.99	28.13	27.87	0.132	-0.124	38.62	12.62	1.512	892	0
7/5/2014 21:15	70323	15	186	5.535	148.5	12.6	8.62	141.7	7.304	11.35	137.5	5.425	27.61	27.77	27.53	0.158	-0.081	39.59	12.66	1.78	892	0
7/5/2014 21:30	70324	15	186	5.751	144.6	12.16	8.68	139.3	8.08	11.41	137.6	6.28	27.27	27.41	27.15	0.137	-0.117	40.74	12.79	1.639	892	0
7/5/2014 21:45	70325	15	186	6.087	143.9	12.61	9.17	138.3	7.246	11.78	135.9	5.201	26.97	27.08	26.8	0.11	-0.165	41.87	12.94	1.735	892	0
7/5/2014 22:00	70326	15	186	5.959	147.2	12.49	8.87	141.9	8.04	11.69	138.3	5.621	26.62	26.75	26.49	0.132	-0.124	43.23	13.11	1.623	892	0
7/5/2014 22:15	70327	15	186	4.703	146	12.19	7.13	140.4	8.5	10.06	137.1	5.675	26.2	26.38	26.18	0.175	-0.026	44.27	13.1	1.649	892	0
7/5/2014 22:30	70328	15	186	5.973	145.2	12.34	8.97	140.5	8.18	12.02	136.9	4.91	26.03	26.17	25.94	0.139	-0.093	44.78	13.12	1.82	892	0
7/5/2014 22:45	70329	15	186	5.575	147.1	12.13	8.32	140	8.08	11.22	137.7	5.418	25.75	25.89	25.66	0.135	-0.095	45.61	13.15	1.664	892	0
7/5/2014 23:00	70330	15	186	4.935	142.7	12.46	7.443	136.9	8.16	9.85	135.6	5.602	25.4	25.57	25.36	0.171	-0.04	46.65	13.18	1.646	892	0
7/5/2014 23:15	70331	15	186	5.059	143.1	12.54	7.489	137.9	8.07	9.85	135.5	6.046	25.27	25.4	25.16	0.133	-0.113	47.23	13.25	1.66	892	0
7/5/2014 23:30	70332	15	186	5.094	145.7	12.17	7.651	139.6	7.601	9.99	136.6	5.821	25.18	25.27	24.99	0.096	-0.191	47.95	13.4	1.584	892	0
7/5/2014 23:45	70333	15	186	4.905	143.1	12.02	7.262	137.3	8.08	9.74	135.4	5.722	24.93	25.03	24.77	0.1	-0.165	49.14	13.55	1.53	892	0
7/6/2014 0:00	70334	15	187	4.553	142.6	12.42	6.716	137.4	8.02	9.21	134.2	5.856	24.67	24.77	24.52	0.105	-0.147	50.28	13.66	1.437	891	0
7/6/2014 0:15	70335	15	187	4.212	141.5	12.52	6.384	136.2	8.17	8.9	133.4	5.554	24.45	24.56	24.33	0.117	-0.119	51.34	13.77	1.473	891	0
7/6/2014 0:30	70336	15	187	4.526	142.7	11.93	6.763	135.8	7.799	9.11	133.3	5.097	24.31	24.43	24.19	0.121	-0.119	52	13.84	1.583	891	0
7/6/2014 0:45	70337	15	187	4.226	140	11.92	6.357	134.1	7.29	8.67	130.8	4.924	24.07	24.23	24.03	0.157	-0.046	52.73	13.84	1.442	891	0
7/6/2014 1:00	70338	15	187	3.773	141.4	13.19	5.844	135.5	7.622	8.16	132.2	5.223	23.87	24.04	23.86	0.17	-0.007	53.54	13.88	1.437	891	0
7/6/2014 1:15	70339	15	187	3.348	149.1	12.65	5.102	142.7	8.96	7.001	138.1	6.353	23.73	23.9	23.71	0.168	-0.017	54.11	13.92	1.256	891	0
7/6/2014 1:30	70340	15	187	2.973	169.1	13.43	4.425	161.5	9.82	6.177	153.3	7.836	23.48	23.71	23.58	0.225	0.097	55.06	13.96	1.184	891	0
7/6/2014 1:45	70341	15	187	2.556	165.8	12.9	3.908	158.5	9.9	5.9	153.3	6.674	23.22	23.51	23.44	0.291	0.222	56.27	14.05	1.235	891	0
7/6/2014 2:00	70342	15	187	2.749	155.1	11.39	4.246	148.1	7.64	6.554	144.7	5.34	23.18	23.42	23.35	0.235	0.171	56.41	14.05	1.16	891	0
7/6/2014 2:15	70343	15	187	2.799	160.4	13.34	4.245	152.4	8.86	6.64	146.2	5.648	23.11	23.31	23.22	0.201	0.114	56.78	14.09	1.161	891	0
7/6/2014 2:30	70344	15	187	2.251	164.5	12.29	3.465	158.2	8.44	5.285	150.8	5.437	22.86	23.12	23.03	0.263	0.17	57.67	14.09	1.166	891	0
7/6/2014 2:45	70345	15	187	1.842	165.9	13.29	2.986	158.7	8.72	4.72	154.3	6.018	22.57	22.92	22.88	0.353	0.311	58.95	14.16	0.958	891	0
7/6/2014 3:00	70346	15	187	1.299	141.4	16.3	2.32	140.7	12.06	4.125	142.8	8.39	22.14	22.69	22.77	0.55	0.627	60.45	14.14	0.928	891	0
7/6/2014 3:15	70347	15	187	1.367	114.1	10.95	2.749	119.3	6.158	4.46	128.1	5.675	21.42	22.36	22.61	0.936	1.184	63.59	14.25	0.806	891	0
7/6/2014 3:30	70348	15	187	1.207	105.7	10.57	2.46	111	6.456	4.637	119.8	4.065	21.24	21.91	22.43	0.673	1.185	64.38	14.27	0.86	891	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/6/2014 3:45	70349	15	187	0.679	79.26	34.68	1.58	108.4	11.28	3.803	119.9	4.675	21.05	21.8	22.22	0.745	1.164	65.41	14.33	0.835	891	0
7/6/2014 4:00	70350	15	187	0.571	347.2	68.04	0.505	94.9	81.4	2.723	122.2	7.829	20.41	21.72	22.04	1.312	1.629	68.54	14.44	0.745	892	0
7/6/2014 4:15	70351	15	187	1.531	349.3	17.68	2.338	353.5	15.02	1.59	51.98	31.83	19.82	21.19	21.77	1.371	1.948	72.49	14.75	0.589	892	0
7/6/2014 4:30	70352	15	187	0.838	49.1	13.27	1.621	37.32	15.98	1.887	79.06	14.94	19.43	20.35	21.5	0.921	2.074	74.95	14.89	0.537	892	0
7/6/2014 4:45	70353	15	187	0.895	49.24	10.09	1.905	50.58	7.515	2.332	83.2	8.28	19.18	21.18	21.58	2.001	2.404	76.45	14.95	0.772	892	0
7/6/2014 5:00	70354	15	187	0.95	13.89	23.28	1.857	27.92	19.22	1.848	66.3	20.14	19.02	21.32	21.53	2.302	2.51	78.63	15.24	2.68	892	0
7/6/2014 5:15	70355	15	187	1.14	33.55	13.26	2.625	21.6	6.867	2.348	40.92	7.102	19.42	20.33	21.5	0.906	2.081	77.37	15.38	12.85	892	0
7/6/2014 5:30	70356	15	187	1.168	38.06	12.33	2.591	34.29	4.882	2.648	45.26	4.578	19.63	20.06	21.45	0.432	1.82	76.44	15.38	37.22	892	0
7/6/2014 5:45	70357	15	187	1.27	39.76	12.91	2.485	35.3	5.203	3.003	47.09	4.691	20.18	20.34	21.38	0.167	1.209	75.13	15.65	78.13	893	0
7/6/2014 6:00	70358	15	187	1.551	58.66	13.09	2.425	52.67	9.07	3.377	64.33	8.05	20.97	20.88	21.44	-0.091	0.467	71.5	15.64	104.8	892	0
7/6/2014 6:15	70359	15	187	1.473	61.11	13.72	2.13	58.93	8.45	3.468	72.05	4.686	21.62	21.42	21.42	-0.195	-0.201	68.87	15.67	132.4	893	0
7/6/2014 6:30	70360	15	187	1.65	85.7	17.08	2.272	83.1	14.18	3.181	86.9	9.96	22.15	21.95	21.56	-0.198	-0.584	65.05	15.28	130.6	893	0
7/6/2014 6:45	70361	15	187	1.793	92.1	14.39	2.498	90.5	10.06	3.184	90.5	7.847	22.44	22.31	21.9	-0.131	-0.543	62.33	14.9	92.7	893	0
7/6/2014 7:00	70362	15	187	1.394	81.7	13.4	1.957	78.15	11.66	2.479	77.64	9.27	22.52	22.42	22.03	-0.104	-0.489	61.97	14.89	85.2	893	0
7/6/2014 7:15	70363	15	187	1.168	87	19.23	1.633	83.4	15.08	2.165	86.3	12.2	22.73	22.6	22.18	-0.13	-0.55	62.48	15.21	103.4	893	0
7/6/2014 7:30	70364	15	187	1.557	91.7	12.83	2.15	86.1	9.52	2.523	83	6.944	22.92	22.74	22.3	-0.178	-0.622	61.56	15.16	120.1	893	0
7/6/2014 7:45	70365	15	187	1.744	80.7	16.23	2.528	78.56	12.11	2.897	81.4	9.58	22.96	22.71	22.26	-0.242	-0.698	61.32	15.13	149.8	893	0
7/6/2014 8:00	70366	15	187	1.708	100.3	16.78	2.277	94.1	12.55	2.661	89.9	7.755	22.91	22.73	22.29	-0.179	-0.617	62.77	15.45	178.3	893	0
7/6/2014 8:15	70367	15	187	2.056	89.3	14.73	2.765	86.2	11.93	3.187	80.9	7.756	23.1	22.82	22.35	-0.283	-0.756	61.28	15.26	182.7	893	0
7/6/2014 8:30	70368	15	187	2.041	105.8	14.67	2.858	101.7	10.19	3.498	98.7	8.22	23.25	22.93	22.4	-0.322	-0.847	60.75	15.27	188.2	893	0
7/6/2014 8:45	70369	15	187	1.804	140.1	20.8	2.386	132.9	15.01	2.759	126.5	15.08	23.48	23.09	22.56	-0.394	-0.924	59.95	15.27	280.3	893	0
7/6/2014 9:00	70370	15	187	1.689	142.8	19.58	2.314	133.1	15.77	2.656	131.5	10.49	23.79	23.24	22.74	-0.556	-1.051	59.19	15.37	348.9	892	0
7/6/2014 9:15	70371	15	187	1.022	113.3	27.84	1.278	109.8	20.78	1.592	110.1	19.73	23.87	23.52	22.99	-0.358	-0.887	58.26	15.2	339.4	892	0
7/6/2014 9:30	70372	15	187	0.849	106.5	44.56	1.018	116.3	38.18	1.171	100.9	28.67	24.07	23.81	23.26	-0.257	-0.809	57.82	15.26	422.2	892	0
7/6/2014 9:45	70373	15	187	1.831	112.5	19.77	2.261	108.4	15.88	2.717	105.9	12.8	24.83	24.23	23.62	-0.604	-1.211	55.54	15.35	614.1	892	0
7/6/2014 10:00	70374	15	187	1.247	130.2	50.98	1.518	127.3	48.96	1.578	136.3	36.37	25.14	24.58	24.12	-0.551	-1.014	54.36	15.3	533.2	892	0
7/6/2014 10:15	70375	15	187	0.834	282.1	94.5	1	139.2	98.6	0.896	176.9	75.1	25.51	25.12	24.7	-0.391	-0.813	53.02	15.25	704.3	892	0
7/6/2014 10:30	70376	15	187	1.155	159.1	39.15	1.37	151.3	35.53	1.521	151.4	45.58	25.65	25.34	24.85	-0.311	-0.797	52.02	15.09	400.5	892	0
7/6/2014 10:45	70377	15	187	0.984	237.8	39.73	1.187	229.3	38.5	1.076	235.3	52.77	25.78	25.46	25.08	-0.323	-0.7	51.75	15.12	293.2	892	0
7/6/2014 11:00	70378	15	187	0.599	229.7	79.76	0.693	204.3	65.69	0.783	180	30.16	25.72	25.5	25.05	-0.225	-0.677	52.14	15.19	249.9	892	0
7/6/2014 11:15	70379	15	187	0.908	234.8	54.58	1.144	229.6	45.97	1.246	225.7	36.34	25.87	25.58	25.14	-0.294	-0.728	52.17	15.33	335.9	892	0
7/6/2014 11:30	70380	15	187	1.253	264.3	26.44	1.548	263.7	21.37	1.779	252	14.94	26.03	25.76	25.23	-0.269	-0.794	51.33	15.23	305.2	892	0
7/6/2014 11:45	70381	15	187	1.649	248.9	21.62	2.242	245.5	15.14	2.443	245.1	12.18	25.98	25.69	25.14	-0.297	-0.841	52.43	15.52	228.1	893	0
7/6/2014 12:00	70382	15	187	1.53	226.6	27.02	2.008	223.5	23.94	2.172	227.9	18.7	25.79	25.53	25.05	-0.26	-0.741	53.2	15.57	212.1	893	0
7/6/2014 12:15	70383	15	187	1.067	187.8	35.84	1.58	184.2	32.03	1.95	182	21.41	25.43	25.44	25.04	0.011	-0.396	56.1	16.04	136.3	892	0
7/6/2014 12:30	70384	15	187	1.53	159.4	11.41	2.616	153	8.5	3.37	146.8	7.47	23.98	24.78	24.77	0.792	0.785	71.69	18.53	122	892	0.254
7/6/2014 12:45	70385	15	187	1.502	156.1	13.42	2.618	147.2	7.56	3.986	145.6	3.635	23.66	24.12	24.52	0.461	0.865	77.93	19.6	173.6	892	0.254
7/6/2014 13:00	70386	15	187	2.009	159.1	16.12	3.133	152.6	12.04	5.163	146	7.881	23.89	24.05	24.34	0.162	0.453	76.95	19.62	222.3	892	0
7/6/2014 13:15	70387	15	187	2.337	147.9	15.19	3.691	140.9	9.9	5.871	134	4.836	24.08	24.24	24.41	0.16	0.324	73.71	19.11	252.3	891	0
7/6/2014 13:30	70388	15	187	2.532	153.3	13.08	3.886	146.9	9.13	5.563	139.9	5.196	24.33	24.48	24.39	0.147	0.057	71.58	18.88	241.2	891	0
7/6/2014 13:45	70389	15	187	2.476	145.6	12.91	3.699	138.4	7.651	5.224	133.5	4.375	24.91	24.87	24.71	-0.033	-0.192	67.13	18.39	357.2	891	0
7/6/2014 14:00	70390	15	187	2.405	139.4	14.34	3.264	133.9	10.5	3.768	128.5	8.45	26.1	25.63	25.14	-0.467	-0.961	61.6	18.15	706.9	891	0
7/6/2014 14:15	70391	15	187	3.021	131.5	15.43	4.147	125.7	10.05	4.459	124.1	6.93	26.9	26.38	25.9	-0.524	-0.997	51.99	16.22	577.9	891	0
7/6/2014 14:30	70392	15	187	2.791	132.8	13.25	4.024	128	8.14	4.801	123	7.008	27.08	26.78	26.29	-0.301	-0.792	50.11	15.82	424	890	0
7/6/2014 14:45	70393	15	187	3.218	127.8	13.2	4.576	122.9	7.624	5.35	119.2	5.123	27.31	26.97	26.47	-0.343	-0.842	47.46	15.17	467	890	0
7/6/2014 15:00	70394	15	187	2.841	135.5	14.03	3.912	130.6	9.06	4.931	127.7	4.977	27.68	27.33	26.76	-0.351	-0.914	44.25	14.42	501.4	890	0
7/6/2014 15:15	70395	15	187	2.693	145.4	15.46	3.864	137.7	10.5	4.68	131.8	7.482	27.77	27.56	27.05	-0.205	-0.713	42.74	13.97	401.7	890	0
7/6/2014 15:30	70396	15	187	3.015	141.4	13.49	4.484	136.1	8.18	5.297	131.4	4.701	27.96	27.71	27.21	-0.248	-0.748	41.31	13.62	472.6	890	0
7/6/2014 15:45	70397	15	187	3.091	139.3	14.14	4.403	134.1	10.33	5.452	131.7	7.054	28.49	28.18	27.58	-0.303	-0.902	38.55	13.03	512.9	890	0
7/6/2014 16:00	70398	15	187	3.203	128	13.62	4.652	122.7	9.31	5.543	119.8	6.494	28.54	28.28	27.76	-0.263	-0.782	38.19	12.94	444.1	889	0
7/6/2014 16:15	70399	15	187	3.07	123.8	13.25	4.376	117.8	8.29	5.558	113.7	6.823	28.49	28.35	27.85	-0.138	-0.632	39.48	13.39	322.8	889	0
7/6/2014 16:30	70400	15	187	2.842	129.5	14.31	4.139	124.1	9.85	5.222	119.7	6.052	28.18	28.2	27.78	0.014	-0.399	39.39	13.09	216.7	889	0
7/6/2014 16:45	70401	15	187	2.645	137.9	12.53	3.998	131.5	7.867	5.07	127.4	5.218	28.03	28.14	27.76	0.103	-0.273	40.78	13.49	167.9	889	0
7/6/2014 17:00	70402	15	187	2.022	143.2	13.86	3.026	136.5	8.48	3.903	131.2	5.097	27.93	28.13	27.81	0.198	-0.125	40.59	13.33	147	889	0
7/6/2014 17:15	70403	15	187	1.02	123.6	22.2	1.552	122.2	18.24	2.303	126.9	14.77	27.86	28.07	27.8	0.211	-0.059	42.48	13.97	130.5	889	0
7/6/2014 17:30	70404	15	187	0.984	101	12.84	1.535	102.7	8.9	2.279	106.9	4.953	27.81	28.05	27.84	0.235	0.022	43.21	14.18	121.4	889	0
7/6/2014 17:45	70405	15	187	1.276	106.4	16.41	2.073	98.7	11.52	2.732	93.2	10.43	27.52	27.79	27.63	0.265	0.112	44.63	14.42	127.4	889	0
7/6/2014 18:00	70406	15	187	1.409	89.5	12.02	2.399	84.5	8.03	3.459	86.4	6.364	27.08	27.44	27.47	0.363	0.393	46.91	14.78	110.4	889	0
7/6/2014 18:15	70407	15	187	0.728	92	9.31	1.628	99.9	8.68	2.62	104.3	5.562	26.54	27.52	27.66	0.98	1.121	51.58	15.77	80.9	889	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/6/2014 18:30	70408	15	187	0.783	83.1	11.23	1.643	103.3	3.605	2.563	110.6	4.493	26.02	27.61	27.74	1.589	1.719	57.23	16.92	52.58	889	0
7/6/2014 18:45	70409	15	187	0.971	78.94	5.202	2.016	105.2	6.23	2.689	112.6	3.215	25.15	27.81	27.9	2.662	2.751	61.13	17.15	31.06	889	0
7/6/2014 19:00	70410	15	187	0.615	105.5	7.912	1.683	129.3	4.925	2.492	129.8	3.695	24.62	27.83	27.99	3.212	3.372	62.48	16.99	12.88	889	0
7/6/2014 19:15	70411	15	187	1.275	85.7	6.717	3	92.6	8.84	3.121	93.3	8.39	24.06	27.17	27.39	3.114	3.329	61.65	16.25	2.885	889	0
7/6/2014 19:30	70412	15	187	1.142	67.91	10.36	3.327	80.4	3.705	3.353	89.5	3.38	23.22	25.75	27.34	2.532	4.121	64.61	16.19	1.047	890	0
7/6/2014 19:45	70413	15	187	1.301	69.38	11.57	3.538	73.92	2.524	3.301	81.7	3.015	22.63	25.09	27.13	2.461	4.502	67.6	16.34	0.773	890	0
7/6/2014 20:00	70414	15	187	1.122	82.3	10.23	3.272	78.3	3.275	3.587	80.3	4.63	22.5	24.68	26.91	2.173	4.405	65.8	15.8	0.744	890	0
7/6/2014 20:15	70415	15	187	1.789	81.4	8.49	4.225	80.3	2.848	4.019	93.4	4.177	22.9	25.34	27.24	2.432	4.338	61.41	15.1	0.893	890	0
7/6/2014 20:30	70416	15	187	1.584	84.1	8.86	3.889	85.7	2.613	4.286	96.1	5.265	22.85	25.06	27.19	2.213	4.348	59.05	14.44	0.896	890	0
7/6/2014 20:45	70417	15	187	1.182	62.8	29	3.361	83.7	6.139	3.092	120.9	14.19	22.12	25.34	27.67	3.214	5.544	61.71	14.44	0.777	890	0
7/6/2014 21:00	70418	15	187	1.615	78.42	13.3	3.971	86.6	3.74	3.744	105.3	8.71	22.09	24.61	27.31	2.519	5.213	62.88	14.69	0.731	890	0
7/6/2014 21:15	70419	15	187	1.424	89	8.95	3.976	96.5	3.879	3.642	117.5	3.676	22.15	25.51	27.65	3.36	5.498	60.58	14.19	0.784	891	0
7/6/2014 21:30	70420	15	187	1.517	95.7	6.968	3.866	104.1	1.31	3.676	120.6	2.327	22.15	26.99	27.69	4.842	5.541	60.06	14.05	0.694	891	0
7/6/2014 21:45	70421	15	187	1.272	101.9	8.17	3.92	110.4	1.341	3.766	129.8	1.749	21.88	26.31	27.82	4.429	5.936	60.11	13.81	0.801	891	0
7/6/2014 22:00	70422	15	187	1.624	109.2	10.41	4.2	107.6	4.404	4.998	123.1	2.698	21.68	24.26	27.45	2.585	5.773	61.01	13.85	1.061	891	0
7/6/2014 22:15	70423	15	187	1.668	117	8.95	3.87	115.1	3.468	6.077	132.4	5.132	22.19	24.1	27.41	1.913	5.225	57.62	13.45	1.103	891	0
7/6/2014 22:30	70424	15	187	1.714	113.5	10.92	3.941	115.4	3.818	7.033	139.5	2.079	22.08	23.71	27.38	1.624	5.294	58.12	13.49	1.126	891	0
7/6/2014 22:45	70425	15	187	1.847	106.8	9.35	4.227	110.2	3.702	7.007	132.3	2.471	22.15	23.83	26.91	1.682	4.755	58.14	13.56	1.053	891	0
7/6/2014 23:00	70426	15	187	1.875	104.3	9.75	3.951	106.6	4.903	7.182	130.4	1.497	22.39	23.77	26.27	1.375	3.874	56.97	13.47	1.27	891	0
7/6/2014 23:15	70427	15	187	2.126	116.7	10.81	4.216	116.3	5.094	8.04	133.6	1.509	22.58	23.7	26.13	1.125	3.554	56.83	13.61	1.242	891	0
7/6/2014 23:30	70428	15	187	2.231	110.6	10.37	4.297	111.3	4.519	8.28	131.8	1.254	22.49	23.38	25.85	0.889	3.356	57.26	13.64	1.12	891	0
7/6/2014 23:45	70429	15	187	2.208	110.3	9.84	4.22	111.1	4.786	8.25	130.3	1.708	22.37	23.3	25.73	0.936	3.361	57.92	13.7	1.306	891	0
7/7/2014 0:00	70430	15	188	2.1	116.1	10.69	4.107	114.3	5.024	8.28	132	1.356	22.18	23.11	25.79	0.933	3.612	58.64	13.71	1.325	891	0
7/7/2014 0:15	70431	15	188	2.233	121.7	10.88	4.221	120.3	5.452	8.67	134.4	1.552	22.1	22.94	25.4	0.845	3.304	59.23	13.79	1.494	891	0
7/7/2014 0:30	70432	15	188	2.319	118.2	10.29	4.337	118	5.027	8.64	135.1	1.991	22.06	22.92	25.02	0.854	2.958	59.16	13.74	1.423	891	0
7/7/2014 0:45	70433	15	188	2.213	112.9	10.12	4.298	112.6	4.802	8	130.3	2.375	21.74	22.62	24.69	0.878	2.948	60.38	13.75	1.332	891	0
7/7/2014 1:00	70434	15	188	2.077	115.4	10.63	4.136	114.7	5.004	7.813	130	2.51	21.6	22.56	24.69	0.967	3.091	60.99	13.77	1.187	890	0
7/7/2014 1:15	70435	15	188	2.023	110.6	10.21	4.052	111.6	4.4	7.643	126.4	1.87	21.48	22.38	24.51	0.904	3.035	61.34	13.75	1.252	890	0
7/7/2014 1:30	70436	15	188	1.838	108.5	10.35	3.81	110.8	4.306	7.297	126.9	2.525	21.22	22.18	24.31	0.966	3.096	62.67	13.83	1.089	891	0
7/7/2014 1:45	70437	15	188	1.874	112	11.08	3.876	112.5	4.658	7.24	129.4	2.325	21.21	22.23	24.14	1.021	2.928	63.13	13.93	1.272	891	0
7/7/2014 2:00	70438	15	188	1.763	114.1	11.01	3.725	114.4	4.702	7.161	129.5	2.922	21.15	22.17	24.02	1.018	2.867	63.78	14.04	1.142	891	0
7/7/2014 2:15	70439	15	188	1.809	120.5	12.66	3.54	118.5	5.981	7.024	129.4	2.89	21.31	22.23	23.77	0.924	2.459	63.84	14.2	1.174	890	0
7/7/2014 2:30	70440	15	188	1.158	211.3	56.08	2.051	189.6	57.16	3.814	152.5	33.41	20.99	21.88	22.69	0.886	1.695	65.55	14.31	0.986	891	0
7/7/2014 2:45	70441	15	188	1.065	126.5	31.57	1.979	132	16.5	3.752	135.6	7.561	20.7	22.09	22.71	1.392	2.012	66.16	14.17	0.885	891	0
7/7/2014 3:00	70442	15	188	0.926	317	33.54	1.021	295.8	53.34	1.633	144.1	28.26	19.69	21.39	22.08	1.703	2.398	71.56	14.42	0.603	891	0
7/7/2014 3:15	70443	15	188	1.041	41.56	20.67	1.004	24.09	41.62	1.505	102.9	23.57	18.92	21.78	21.89	2.857	2.971	75.45	14.5	0.545	890	0
7/7/2014 3:30	70444	15	188	1.169	51.44	8.2	1.946	53.7	8.97	2.255	86.3	11.6	18.34	21.46	21.86	3.118	3.513	78.99	14.65	0.583	890	0
7/7/2014 3:45	70445	15	188	1.278	51.31	8.92	2.253	62.17	4.518	3.317	108.6	3.176	18.15	21.12	22.17	2.964	4.019	80.1	14.68	0.886	890	0
7/7/2014 4:00	70446	15	188	1.258	338.3	46.78	2.011	2.709	42.94	2.969	93.6	19.69	17.92	19.94	21.68	2.017	3.753	81.8	14.78	0.703	890	0
7/7/2014 4:15	70447	15	188	0.745	42.22	26.12	1.225	41.92	21.39	2.422	98	18.59	18.61	20.17	21.32	1.567	2.712	77.74	14.66	0.733	890	0
7/7/2014 4:30	70448	15	188	1.028	22.63	20.27	1.974	27.76	20.73	2.66	93.3	12.42	18.3	20.42	21.41	2.119	3.113	79.28	14.67	0.693	890	0
7/7/2014 4:45	70449	15	188	0.895	46.63	20.26	2.302	48.29	19.3	3.807	105.7	14.94	17.87	19.75	21.79	1.881	3.918	81.9	14.75	1.732	891	0
7/7/2014 5:00	70450	15	188	1.28	56.77	12.06	2.915	81.7	8.52	5.175	125.9	4.95	18	20.08	22.85	2.08	4.851	81.5	14.8	9.26	890	0
7/7/2014 5:15	70451	15	188	0.844	55.49	11.45	2.438	93.3	4.825	5.686	128.8	2.723	17.98	19.84	23.03	1.858	5.047	82.9	15.04	25.41	891	0
7/7/2014 5:30	70452	15	188	1.61	93.4	14.93	3.28	100.7	6.249	6.519	128.6	1.596	19.96	20.88	23.47	0.926	3.508	74.47	15.28	60.57	891	0
7/7/2014 5:45	70453	15	188	1.731	101.1	14.34	3.094	98.9	9.04	6.438	119.2	5.216	21.15	21.53	23.09	0.373	1.931	67.62	14.95	100.4	891	0
7/7/2014 6:00	70454	15	188	1.942	102.8	17.16	3.27	97.7	11.36	6.337	111.4	3.399	21.75	21.86	22.81	0.113	1.06	65.92	15.11	149.9	891	0
7/7/2014 6:15	70455	15	188	2.246	117.2	13.97	3.346	113.4	9.1	5.765	115.4	4.006	22.7	22.64	22.69	-0.064	-0.009	62.79	15.26	208.9	891	0
7/7/2014 6:30	70456	15	188	2.742	123.2	12.03	3.903	117.3	7.539	5.717	115.4	4.427	23.37	23.17	22.83	-0.193	-0.537	60.57	15.33	271	891	0
7/7/2014 6:45	70457	15	188	2.894	121.4	12.81	4.206	116.2	7.206	5.124	114.6	5.147	23.96	23.63	23.17	-0.33	-0.798	59.04	15.49	335.1	891	0
7/7/2014 7:00	70458	15	188	3.046	117.9	13.14	4.406	113.7	7.964	5.279	110.7	4.621	24.74	24.29	23.77	-0.445	-0.968	56.64	15.56	400.1	891	0
7/7/2014 7:15	70459	15	188	3.009	123	13.34	4.073	117.3	9.24	4.813	114.4	6.707	25.31	24.81	24.24	-0.495	-1.064	54.3	15.44	464.1	891	0
7/7/2014 7:30	70460	15	188	2.73	138	14.93	3.794	128.6	10.14	4.407	125	7.215	25.86	25.25	24.61	-0.615	-1.248	52.97	15.56	531.3	891	0
7/7/2014 7:45	70461	15	188	2.405	125	16.32	3.093	122.3	10.9	3.542	122.8	8.98	26.25	25.61	25.05	-0.643	-1.204	51.43	15.46	595.6	891	0
7/7/2014 8:00	70462	15	188	2.043	137.5	21.2	2.728	130	15.71	3.146	125.2	11.05	26.76	26.09	25.38	-0.668	-1.379	50	15.49	657.9	891	0
7/7/2014 8:15	70463	15	188	2.518	154	14.65	3.449	144.6	10.54	4.059	136.5	8.61	27.11	26.28	25.65	-0.829	-1.452	48.67	15.39	717.8	891	0
7/7/2014 8:30	70464	15	188	1.88	125.1	23.22	2.431	121.6	20.96	3.031	117.4	19.04	27.43	26.72	26.11	-0.714	-1.326	47.21	15.21	778.6	891	0
7/7/2014 8:45	70465	15	188	1.703	133.6	33.41	2.16	128.7	25.4	2.629	125.3	24.99	27.52	26.8	26.21	-0.72	-1.311	46.2	14.95	833	891	0
7/7/2014 9:00	70466	15	188	1.717	122.2	31.16	2.162	120.7	21.65	2.538	124	19.74	27.97	27.19	26.52	-0.782	-1.454	44.71	14.85	891	891	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/7/2014 9:15	70467	15	188	1.624	126.6	46.92	1.977	122.8	40.87	2.407	135.4	27.39	28.14	27.43	26.88	-0.707	-1.261	43.12	14.44	943	891	0
7/7/2014 9:30	70468	15	188	2.029	140.6	43.72	2.514	127.1	36.35	3.005	122.7	21.62	28.7	27.98	27.3	-0.722	-1.402	39.4	13.55	999	891	0
7/7/2014 9:45	70469	15	188	1.525	63.67	60.91	1.823	58.39	63.82	1.979	54.81	64.14	29	28.37	27.7	-0.629	-1.301	36.61	12.7	1015	891	0
7/7/2014 10:00	70470	15	188	2.061	175.6	21.6	2.558	169.5	18.11	2.935	162.1	14.81	29.82	28.83	28.06	-0.986	-1.758	33.43	12	1081	890	0
7/7/2014 10:15	70471	15	188	2.03	186.5	38.44	2.607	173.5	35.23	3.074	163.9	25.26	30.06	29.15	28.53	-0.904	-1.528	31.72	11.43	1121	890	0
7/7/2014 10:30	70472	15	188	1.886	53.09	55.27	2.169	55.33	53.84	2.331	66.08	43.94	30.1	29.27	28.53	-0.837	-1.574	28.25	9.74	1154	890	0
7/7/2014 10:45	70473	15	188	2.236	105.5	39.15	2.931	99.8	31.13	3.33	95.2	21.4	30.64	29.57	28.81	-1.071	-1.829	28.08	10.11	1182	890	0
7/7/2014 11:00	70474	15	188	2.239	116.9	44.1	2.908	111.7	32.98	3.426	100.8	16.54	30.92	29.89	29.04	-1.034	-1.885	28.94	10.81	1217	890	0
7/7/2014 11:15	70475	15	188	2.473	97.8	38.11	3.147	94.8	33	3.518	97.2	32.87	31.17	30.12	29.21	-1.054	-1.964	27.06	10.01	1246	890	0
7/7/2014 11:30	70476	15	188	1.947	212.5	54.74	2.414	200.8	55.65	2.679	164.2	48.34	31.25	30.21	29.57	-1.032	-1.675	27.38	10.25	1256	890	0
7/7/2014 11:45	70477	15	188	2.791	156.2	33.27	3.507	150.2	29.76	3.902	142.2	18.32	31.59	30.4	29.62	-1.196	-1.975	25.75	9.62	1254	890	0
7/7/2014 12:00	70478	15	188	3.017	133.8	45.96	4.035	125.9	42.9	4.816	123.2	34.89	32.05	30.73	29.82	-1.318	-2.23	26.03	10.17	1249	890	0
7/7/2014 12:15	70479	15	188	2.618	184.9	56.56	3.416	175.4	48.47	3.776	164.4	30.74	31.86	30.6	29.81	-1.261	-2.05	25.09	9.47	1247	889	0
7/7/2014 12:30	70480	15	188	2.653	122.3	65.74	3.219	125.7	63.85	3.592	117.5	51.9	32.23	31.07	30.18	-1.158	-2.05	23.69	8.92	1240	889	0
7/7/2014 12:45	70481	15	188	2.733	116	25.84	3.61	114.9	20.5	4.108	109.3	16.05	32.43	31.17	30.35	-1.253	-2.075	22.98	8.64	1242	889	0
7/7/2014 13:00	70482	15	188	2.242	139.2	49.32	2.842	124.6	53.09	3.364	115.7	42.3	32.62	31.42	30.54	-1.202	-2.081	22.69	8.61	1212	889	0
7/7/2014 13:15	70483	15	188	2.18	93	44.08	2.885	84	35.31	3.595	76.69	30.28	32.65	31.52	30.82	-1.129	-1.832	22.36	8.42	1186	889	0
7/7/2014 13:30	70484	15	188	3.534	97.9	19.81	4.64	94.5	16.7	5.197	92.6	12.88	33.04	31.7	30.81	-1.335	-2.226	21.87	8.42	1182	889	0
7/7/2014 13:45	70485	15	188	2.755	108.4	34.79	3.45	103.9	28.02	4.109	104.7	20.02	32.84	31.79	31.14	-1.052	-1.708	21.45	7.967	1151	888	0
7/7/2014 14:00	70486	15	188	2.273	169.4	26.99	2.915	166.8	23.79	3.501	162.9	18.06	32.91	31.88	31.17	-1.023	-1.74	20.9	7.637	1124	888	0
7/7/2014 14:15	70487	15	188	2.126	160.4	28.3	2.793	157.7	23.09	3.261	151.3	20.44	33.28	32.22	31.38	-1.063	-1.901	20.89	7.937	1097	888	0
7/7/2014 14:30	70488	15	188	3.029	95.7	24.76	3.866	91.1	20.43	4.704	90.8	19.58	33.33	32.21	31.38	-1.115	-1.951	21.83	8.63	1051	888	0
7/7/2014 14:45	70489	15	188	2.215	145.3	56.59	2.828	141.9	49.42	3.237	137.3	40.78	33.27	32.34	31.52	-0.934	-1.752	21.58	8.41	1004	888	0
7/7/2014 15:00	70490	15	188	3.184	117.7	31.33	4.069	112.2	27.9	4.691	107.8	21.54	33.5	32.37	31.57	-1.13	-1.934	20.69	7.978	967	888	0
7/7/2014 15:15	70491	15	188	2.539	99.8	40.56	3.369	96.1	36.17	3.939	94.6	33.96	33.49	32.38	31.63	-1.105	-1.859	20.73	7.986	918	887	0
7/7/2014 15:30	70492	15	188	2.685	86.6	40.69	3.5	84.4	34.83	4.096	83.1	24.62	33.37	32.52	31.77	-0.852	-1.599	21.3	8.31	866	887	0
7/7/2014 15:45	70493	15	188	3.173	131.6	22.05	4.301	127.4	19.26	5.019	126.5	17.74	33.61	32.54	31.73	-1.075	-1.882	21.82	8.85	814	887	0
7/7/2014 16:00	70494	15	188	2.52	160.1	29.4	3.355	150.6	24.06	4.062	148.1	19.71	33.51	32.68	31.93	-0.827	-1.577	21.77	8.74	757.3	887	0
7/7/2014 16:15	70495	15	188	2.471	129.2	26.65	3.361	125.5	19.61	4.043	126.4	18.15	33.41	32.68	31.98	-0.728	-1.427	21.66	8.57	701.1	887	0
7/7/2014 16:30	70496	15	188	3.047	91.8	19.63	4.154	88.6	14.2	5.045	85.9	9.34	33.42	32.61	31.86	-0.808	-1.563	22.43	9.11	635.5	887	0
7/7/2014 16:45	70497	15	188	3.058	129.2	39.46	4.225	126.8	38.36	5.3	125.8	34.32	33.46	32.81	32.1	-0.648	-1.365	22.14	8.95	571.9	887	0
7/7/2014 17:00	70498	15	188	2.792	127.1	17.53	3.823	123.2	13.31	4.606	119.6	15.02	33.26	32.79	32.18	-0.462	-1.076	22.48	9	511	887	0
7/7/2014 17:15	70499	15	188	2.863	122.4	19.12	3.914	118.9	17.13	4.825	118.9	14.48	33.08	32.62	32.07	-0.455	-1.002	24.02	9.84	442.8	887	0
7/7/2014 17:30	70500	15	188	2.991	149.7	23.36	4.162	146.1	21.15	5.056	147.1	17.61	33.05	32.75	32.2	-0.305	-0.854	23.28	9.35	385.7	887	0
7/7/2014 17:45	70501	15	188	2.36	150.4	23.25	3.257	144.7	20.89	4.2	137.1	13.92	32.87	32.66	32.14	-0.206	-0.724	23.9	9.59	327.5	886	0
7/7/2014 18:00	70502	15	188	3.016	121.9	13.25	4.488	117.7	10.12	5.787	113.3	7.837	32.62	32.53	32.05	-0.083	-0.568	25.22	10.18	242.4	886	0
7/7/2014 18:15	70503	15	188	3.374	112.8	13.42	4.985	109.3	8.35	6.194	107.8	6.846	32.35	32.34	31.95	-0.008	-0.404	25.79	10.29	190	886	0
7/7/2014 18:30	70504	15	188	2.778	130.1	15.09	4.242	124	11.61	5.615	120.9	8.56	32.15	32.33	32.02	0.184	-0.136	26.46	10.51	136.4	886	0
7/7/2014 18:45	70505	15	188	3.016	130.3	12.66	4.765	124.5	8.23	6.854	120.8	4.903	31.55	31.9	31.77	0.349	0.212	26.87	10.23	65.58	887	0
7/7/2014 19:00	70506	15	188	3.083	132.4	13.56	4.77	128.8	8.44	6.957	126.3	5.04	31.02	31.49	31.5	0.469	0.477	28.56	10.69	24.39	887	0
7/7/2014 19:15	70507	15	188	3.345	135.3	12.02	5.284	131.1	6.749	7.759	128	4.306	30.59	31.05	31.07	0.463	0.486	30.62	11.37	5.382	887	0
7/7/2014 19:30	70508	15	188	3.441	136.6	12.1	5.238	130.4	7.746	7.861	127.8	4.603	30.33	30.72	30.78	0.388	0.453	31.62	11.64	1.745	887	0
7/7/2014 19:45	70509	15	188	4.222	147.2	13.94	6.36	141.5	8.86	8.82	139.7	7.834	30.25	30.55	30.47	0.295	0.211	32.45	11.96	1.58	888	0
7/7/2014 20:00	70510	15	188	4.433	155.6	12.32	6.801	149.2	7.417	9.5	146.2	4.759	29.94	30.22	30.1	0.283	0.164	34	12.4	1.643	888	0
7/7/2014 20:15	70511	15	188	4.277	154.2	11.77	6.474	147.9	7.715	8.92	145.1	4.821	29.57	29.88	29.78	0.308	0.209	35.06	12.54	1.519	888	0
7/7/2014 20:30	70512	15	188	3.967	152.9	11.95	5.96	147.1	7.846	8.77	145.1	5.243	29.12	29.45	29.43	0.33	0.31	36.32	12.68	1.324	888	0
7/7/2014 20:45	70513	15	188	4.141	156.5	12.09	6.296	150.7	7.525	9.06	148.1	5.298	28.86	29.2	29.17	0.338	0.305	37.35	12.88	1.537	888	0
7/7/2014 21:00	70514	15	188	4.125	156.9	11.42	6.17	150.7	7.491	9.03	147.5	5.168	28.61	28.95	28.92	0.34	0.318	38.22	13	1.338	889	0
7/7/2014 21:15	70515	15	188	4.713	155.9	12.76	7.222	149.6	7.71	9.86	146.5	5.411	28.48	28.79	28.69	0.316	0.214	38.22	12.89	1.639	889	0
7/7/2014 21:30	70516	15	188	4.691	153.3	11.2	6.946	148	7.106	9.92	145.4	5.028	28.18	28.47	28.39	0.285	0.205	38.83	12.87	1.596	889	0
7/7/2014 21:45	70517	15	188	4.991	155.2	12.28	7.51	149.6	7.734	10.34	146.7	5.438	27.96	28.22	28.12	0.258	0.152	39.39	12.9	1.547	889	0
7/7/2014 22:00	70518	15	188	5.08	154.5	12.11	7.644	148.4	7.263	10.21	145.9	5.085	27.69	27.95	27.79	0.26	0.1	39.2	12.58	1.569	889	0
7/7/2014 22:15	70519	15	188	4.195	155.3	12.02	6.449	149	7.778	9.28	146.6	4.811	27.23	27.53	27.45	0.308	0.224	39.14	12.14	1.456	889	0
7/7/2014 22:30	70520	15	188	4.477	150.8	12.06	6.651	144.9	7.836	9.41	143.9	5.819	26.87	27.15	27.07	0.285	0.203	39.32	11.89	1.498	889	0
7/7/2014 22:45	70521	15	188	4.739	150.3	11.58	7.268	143.7	7.928	9.99	142.1	5.555	26.67	26.93	26.81	0.261	0.14	38.67	11.47	1.477	889	0
7/7/2014 23:00	70522	15	188	5.156	150	12.02	7.705	144.9	7.535	10.72	142.1	5.002	26.4	26.64	26.5	0.238	0.097	39.04	11.37	1.904	889	0
7/7/2014 23:15	70523	15	188	4.415	149	12.88	6.976	143.5	7.789	9.77	140.2	5.821	26.03	26.31	26.16	0.28	0.13	39.75	11.31	1.571	890	0
7/7/2014 23:30	70524	15	188	4.647	149.5	12.26	7.012	142.5	7.918	9.58	140.5	5.337	25.77	26.02	25.86	0.246	0.085	40.32	11.3	1.61	890	0
7/7/2014 23:45	70525	15	188	4.496	151.8	12.26	6.708	145.6	8.01	9.2	143.6	5.439	25.46	25.7	25.58	0.245	0.118	41.19	11.34	1.427	889	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/8/2014 0:00	70526	15	189	4.099	152.5	12.48	6.225	145.4	7.518	8.83	143.3	5.649	25.13	25.41	25.3	0.274	0.166	42.12	11.38	1.445	889	0
7/8/2014 0:15	70527	15	189	3.981	147.9	12.2	6.263	142.2	7.53	8.67	140.9	4.548	24.82	25.11	25.02	0.291	0.201	43.22	11.49	1.302	889	0
7/8/2014 0:30	70528	15	189	3.781	146.2	12.8	5.847	140.7	8.08	8.62	140.4	4.727	24.52	24.82	24.81	0.3	0.297	44.36	11.61	1.342	889	0
7/8/2014 0:45	70529	15	189	3.428	152.8	13.12	5.359	145.3	8.42	7.92	142.2	4.761	24.25	24.57	24.56	0.322	0.313	45.34	11.7	1.333	889	0
7/8/2014 1:00	70530	15	189	3.39	150.4	11.62	5.226	144.1	7.841	8.14	142.1	4.388	23.95	24.28	24.35	0.328	0.392	46.44	11.79	1.447	889	0
7/8/2014 1:15	70531	15	189	3.249	156.5	12.47	4.966	149.4	8.15	7.773	145	4.907	23.8	24.13	24.2	0.327	0.396	47.07	11.86	1.365	889	0
7/8/2014 1:30	70532	15	189	3.386	152	13.77	5.394	145.7	7.54	8.35	144.1	4.163	23.64	24	24.11	0.359	0.467	47.67	11.9	1.514	889	0
7/8/2014 1:45	70533	15	189	3.012	151.8	11.47	4.912	144	7.25	8.04	142.5	3.983	23.29	23.67	23.84	0.381	0.554	48.95	11.98	1.393	889	0
7/8/2014 2:00	70534	15	189	3.224	149	11.9	5.217	141.9	7.03	8.3	141.2	3.612	23.1	23.44	23.61	0.341	0.51	49.89	12.1	1.379	889	0
7/8/2014 2:15	70535	15	189	3.14	142.7	12.07	5.076	136.9	7.614	8.12	138.4	4.147	22.89	23.24	23.47	0.359	0.582	50.9	12.2	1.522	889	0
7/8/2014 2:30	70536	15	189	2.815	129.4	11.6	4.694	124.6	6.271	7.899	130.8	3.494	22.4	22.8	23.26	0.4	0.857	52.84	12.33	1.399	889	0
7/8/2014 2:45	70537	15	189	2.985	127.2	12.08	5.09	123.8	6.486	8.59	129.5	2.741	22.14	22.55	23.17	0.413	1.03	54.51	12.56	1.501	889	0
7/8/2014 3:00	70538	15	189	3.012	129.9	11.84	5.014	125	7.126	8.7	129.3	2.922	21.92	22.31	22.96	0.387	1.038	55.61	12.66	1.276	889	0
7/8/2014 3:15	70539	15	189	2.982	121.9	11.67	5.031	119.7	6.15	8.44	126.2	2.973	21.71	22.11	22.81	0.404	1.108	56.73	12.76	1.381	889	0
7/8/2014 3:30	70540	15	189	2.829	123.9	11.89	4.845	120.1	5.899	8.24	128.4	2.901	21.43	21.82	22.64	0.384	1.209	58.24	12.91	1.427	890	0
7/8/2014 3:45	70541	15	189	2.741	126.1	11.44	4.807	122.8	5.96	8.25	130.9	2.62	21.21	21.62	22.49	0.412	1.278	59.48	13.02	1.402	890	0
7/8/2014 4:00	70542	15	189	2.533	123.7	11.86	4.427	120.2	6.446	7.995	129.1	2.667	21.07	21.5	22.41	0.431	1.346	60.54	13.16	1.447	890	0
7/8/2014 4:15	70543	15	189	2.278	120.2	12.4	4.078	118.3	6.486	7.562	126.7	2.915	20.89	21.36	22.22	0.477	1.338	61.4	13.2	1.238	890	0
7/8/2014 4:30	70544	15	189	2.271	122.8	12.12	4.177	118.5	6.348	7.348	125.5	2.703	20.71	21.18	22	0.47	1.296	62.88	13.4	1.239	890	0
7/8/2014 4:45	70545	15	189	2.701	122.6	12.08	4.574	117.9	6.423	7.559	126	3.27	20.78	21.23	22.13	0.445	1.352	63.01	13.5	1.384	890	0
7/8/2014 5:00	70546	15	189	2.645	126.4	11.37	4.59	120.6	6.054	7.861	129.8	2.312	20.68	21.08	22.26	0.397	1.574	63.07	13.42	3.857	890	0
7/8/2014 5:15	70547	15	189	2.713	123.7	11.36	4.734	119.3	5.896	8.31	128.1	2.098	20.47	20.84	22	0.363	1.528	64.63	13.6	16.35	890	0
7/8/2014 5:30	70548	15	189	2.62	126.6	11.49	4.453	122.2	6.381	8.3	130.4	1.708	20.63	20.91	22.04	0.273	1.405	64.63	13.75	47.6	890	0
7/8/2014 5:45	70549	15	189	2.966	131.5	11.28	4.646	125.6	6.209	7.973	131.5	2.458	21.24	21.39	22.04	0.146	0.798	62.92	13.91	93.5	890	0
7/8/2014 6:00	70550	15	189	3.022	135.9	11.35	4.692	128.7	6.996	7.563	131.5	3.117	21.96	21.96	22.09	-0.002	0.127	60.29	13.93	148.4	890	0
7/8/2014 6:15	70551	15	189	3.121	138.3	11.91	4.786	132.6	6.901	6.785	133.2	4.291	22.77	22.65	22.44	-0.122	-0.335	57.44	13.94	210.4	890	0
7/8/2014 6:30	70552	15	189	3.425	147.4	12.29	5.161	141.2	7.709	6.501	138.6	5.262	23.61	23.4	23.01	-0.201	-0.595	53.91	13.75	273.5	890	0
7/8/2014 6:45	70553	15	189	3.192	148.6	13.11	4.718	141.8	8.22	5.912	140.1	4.865	24.39	24.08	23.57	-0.31	-0.812	51.4	13.74	337.9	890	0
7/8/2014 7:00	70554	15	189	3.439	151.6	12.29	5.139	145.4	7.529	5.857	143	4.605	25.04	24.62	24.09	-0.421	-0.948	48.89	13.56	400.5	890	0
7/8/2014 7:15	70555	15	189	3.201	156.8	13.54	4.465	151.1	9.01	5.109	147.8	6.14	25.77	25.26	24.71	-0.51	-1.059	46.8	13.56	465.4	891	0
7/8/2014 7:30	70556	15	189	3.637	153.2	13.27	5.058	147.2	8.63	5.81	145.6	5.769	26.3	25.7	25.1	-0.599	-1.201	44.41	13.24	531.5	891	0
7/8/2014 7:45	70557	15	189	3.335	164	12.98	4.554	158.6	9.1	5.29	155.8	7.288	26.92	26.21	25.56	-0.712	-1.369	43.16	13.36	592.8	891	0
7/8/2014 8:00	70558	15	189	3.224	179.7	14.05	4.375	171.2	10.84	4.885	166.3	9.01	27.42	26.62	25.99	-0.796	-1.434	41.77	13.31	654.6	891	0
7/8/2014 8:15	70559	15	189	3.001	169.7	17.99	4.088	165	14.12	4.667	164.2	12.92	27.98	27.16	26.48	-0.814	-1.5	40.68	13.4	715.1	891	0
7/8/2014 8:30	70560	15	189	2.613	172.9	17.6	3.43	168.3	13.98	3.907	167.4	10.08	28.44	27.61	26.92	-0.831	-1.526	39.16	13.23	772.5	891	0
7/8/2014 8:45	70561	15	189	2.346	173.2	24.76	3.078	164	24.21	3.498	162.5	18.45	28.97	28.1	27.4	-0.871	-1.574	37.59	13.07	829	891	0
7/8/2014 9:00	70562	15	189	2.528	179.6	22.11	3.214	173.6	21.16	3.688	173	19.49	29.36	28.5	27.75	-0.859	-1.615	36.4	12.93	881	891	0
7/8/2014 9:15	70563	15	189	2.423	179.2	23	3.185	174	19.37	3.582	170	21.53	29.81	28.85	28.17	-0.963	-1.642	34.89	12.67	933	891	0
7/8/2014 9:30	70564	15	189	2.21	193	29.16	2.784	191.4	26.96	3.22	195.7	21.19	30.08	29.17	28.51	-0.913	-1.569	33.69	12.37	978	891	0
7/8/2014 9:45	70565	15	189	1.924	181.6	36.17	2.438	171	34.42	3.098	167.4	24.96	30.43	29.5	28.76	-0.937	-1.671	33.08	12.41	1023	891	0
7/8/2014 10:00	70566	15	189	1.588	202.1	38.2	1.903	193.1	54.92	2.385	187	38.03	30.44	29.76	29.17	-0.679	-1.271	32.48	12.13	1063	891	0
7/8/2014 10:15	70567	15	189	1.823	190	41.6	2.326	173.5	37.31	2.543	162.9	36.91	31.01	30.2	29.47	-0.814	-1.545	31.25	12.04	1101	891	0
7/8/2014 10:30	70568	15	189	1.641	162	45.41	2.087	164.5	38.73	2.156	173.7	29.3	31.26	30.4	29.69	-0.861	-1.57	31	12.14	1134	891	0
7/8/2014 10:45	70569	15	189	1.795	204.5	52.92	2.217	193.4	41.34	2.502	194.7	28.5	31.43	30.72	29.96	-0.718	-1.478	30.54	12.06	1166	891	0
7/8/2014 11:00	70570	15	189	2.209	85	38.12	2.603	88.7	42.42	3.127	104.3	36.03	32.06	31.05	30.26	-1.013	-1.799	29.73	12.19	1238	891	0
7/8/2014 11:15	70571	15	189	2.489	95.9	44.85	3.009	95.6	42.77	3.241	95.9	38.67	32.36	31.24	30.39	-1.114	-1.967	28.07	11.57	975	891	0
7/8/2014 11:30	70572	15	189	2.201	74.3	34.44	2.72	71.58	35.22	3.21	83.4	24.06	31.76	31.1	30.45	-0.665	-1.318	28.45	11.27	825	891	0
7/8/2014 11:45	70573	15	189	1.9	78.55	32.16	2.286	75.64	28.38	2.516	76.2	23.12	32.01	31.34	30.7	-0.669	-1.315	28.19	11.34	740.6	891	0
7/8/2014 12:00	70574	15	189	1.096	21.25	48.55	1.264	10.7	55.64	1.3	36.71	84.4	31.94	31.43	30.87	-0.505	-1.07	28.37	11.37	1035	891	0
7/8/2014 12:15	70575	15	189	2.184	69.59	32.74	2.896	67.08	28.8	3.419	67.09	20.11	32.61	31.72	31.16	-0.891	-1.448	26.05	10.65	972	890	0
7/8/2014 12:30	70576	15	189	3.312	133.6	38.74	4.336	124.4	34.66	4.807	120.1	24.64	33.66	32.17	31.31	-1.485	-2.349	24.52	10.63	1318	890	0
7/8/2014 12:45	70577	15	189	2.498	139.7	30.99	3.093	140.7	25.46	3.535	145.1	23.94	33.58	32.32	31.52	-1.255	-2.051	24.18	10.35	1333	890	0
7/8/2014 13:00	70578	15	189	3.401	126.4	25.84	4.369	119	19.77	5.065	110.9	15.25	34.14	32.61	31.65	-1.529	-2.489	23.93	10.67	1324	890	0
7/8/2014 13:15	70579	15	189	2.578	141.9	49.99	3.215	133.6	43.66	3.433	115.9	27.59	33.75	32.41	31.76	-1.339	-1.984	24.11	10.46	1257	890	0
7/8/2014 13:30	70580	15	189	2.961	90.8	29.89	3.824	83.6	27.44	4.598	77.17	20.45	34.4	33.06	32.07	-1.341	-2.325	23.19	10.42	1087	890	0
7/8/2014 13:45	70581	15	189	2.199	117.2	32.85	2.928	109.3	29.35	3.442	107.5	20.83	33.34	32.48	31.82	-0.855	-1.515	23.16	9.52	739	890	0
7/8/2014 14:00	70582	15	189	2.733	90.2	40	3.602	76.87	46.33	4.445	82.4	40	34	32.89	32.06	-1.111	-1.942	23.7	10.41	1092	890	0
7/8/2014 14:15	70583	15	189	2.954	90.1	55.21	3.939	83.8	52.17	4.699	77.92	40.93	34.34	33.1	32.19	-1.24	-2.155	22.83	10.13	1037	889	0
7/8/2014 14:30	70584	15	189	2.377	133.3	39.57	3.151	129.7	35.5	3.733	127.5	32.5	34.41	33.24	32.42	-1.169	-1.988	22.73	10.13	1108	889	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/8/2014 14:45	70585	15	189	3.28	74.48	34.36	4.364	70.59	31.26	4.883	67.55	27.71	34.61	33.27	32.4	-1.345	-2.21	22.01	9.81	1080	889	0
7/8/2014 15:00	70586	15	189	2.228	121.4	65.18	2.955	109.4	56.5	3.855	92.7	44.33	34.37	33.41	32.58	-0.957	-1.787	21.79	9.46	1022	889	0
7/8/2014 15:15	70587	15	189	2.479	96.7	42.03	3.03	91.2	31.91	3.483	96.6	23.95	34.33	33.43	32.68	-0.902	-1.656	20.09	8.23	947	889	0
7/8/2014 15:30	70588	15	189	2.034	123.3	39.11	2.602	112	32.93	3.558	109.6	29.78	34.47	33.64	32.94	-0.827	-1.526	20.07	8.32	902	889	0
7/8/2014 15:45	70589	15	189	3.042	125.1	23.09	4.165	124.5	21.02	4.87	120.4	20.96	34.67	33.7	32.94	-0.971	-1.732	19.34	7.944	849	889	0
7/8/2014 16:00	70590	15	189	2.663	104.4	38.85	3.476	103.2	34.03	4.16	101	24.03	34.41	33.58	32.83	-0.828	-1.577	21.41	9.23	777.7	888	0
7/8/2014 16:15	70591	15	189	3.248	107	20.73	4.358	101	15.91	5.157	97.7	12.32	34.48	33.49	32.72	-0.994	-1.761	21.61	9.43	725	888	0
7/8/2014 16:30	70592	15	189	3.351	111.8	25.25	4.587	103.3	17.52	5.796	99.2	13.77	34.46	33.56	32.8	-0.9	-1.658	23.08	10.4	673.8	888	0
7/8/2014 16:45	70593	15	189	4.447	102.8	17.11	6.191	98.1	13.21	7.544	95.4	10.17	34.12	33.42	32.7	-0.699	-1.414	24.44	10.97	507.6	888	0
7/8/2014 17:00	70594	15	189	4.173	106.2	14.87	5.755	100.2	11.17	6.992	96.9	8.61	33.96	33.31	32.59	-0.654	-1.37	24.2	10.69	509.8	888	0
7/8/2014 17:15	70595	15	189	3.702	126	17.27	5.078	118.8	13.81	6.333	110.8	13.16	33.84	33.34	32.69	-0.497	-1.153	24.16	10.57	447.4	888	0
7/8/2014 17:30	70596	15	189	4.061	120.6	14.64	5.766	114.6	8.63	6.939	107.9	8.39	33.61	33.21	32.63	-0.402	-0.976	23.5	9.96	372.3	888	0
7/8/2014 17:45	70597	15	189	3.074	132.7	17.29	4.342	126.5	12.43	5.216	122.2	9.52	33.52	33.24	32.68	-0.279	-0.833	23.32	9.77	317.8	888	0
7/8/2014 18:00	70598	15	189	3.543	119.9	16.64	5.267	114.8	12.79	6.808	110.8	11.28	33.27	33.14	32.65	-0.131	-0.614	22.9	9.28	239.5	888	0
7/8/2014 18:15	70599	15	189	3.522	105.3	12.38	5.072	101.2	9.9	6.533	96.3	9.04	32.9	32.92	32.55	0.022	-0.346	23.1	9.11	165.5	888	0
7/8/2014 18:30	70600	15	189	2.763	123.9	12.32	4.226	118.6	8.26	5.621	115.4	6.55	32.5	32.77	32.53	0.27	0.028	23.1	8.78	104.8	889	0
7/8/2014 18:45	70601	15	189	2.476	111.9	11.9	4.058	107.9	8.28	6.145	104.2	5.641	31.77	32.29	32.35	0.516	0.575	23.42	8.38	32.85	889	0
7/8/2014 19:00	70602	15	189	1.706	103.2	8.8	3.37	103.3	4.707	5.478	105.9	3.81	30.5	31.73	32.21	1.229	1.711	25.34	8.46	10.36	889	0
7/8/2014 19:15	70603	15	189	1.62	109.6	10.58	3.477	112.7	5.839	5.887	116.7	5.378	29.09	31.07	31.88	1.982	2.795	28.72	9.11	3.194	889	0
7/8/2014 19:30	70604	15	189	2.105	125	10.96	3.862	122.9	6.566	6.753	124.1	4.163	29.78	30.69	31.3	0.91	1.516	27.32	8.97	1.423	889	0
7/8/2014 19:45	70605	15	189	1.754	123.2	10.46	3.487	123.8	6.413	6.421	128	3.799	28.85	30.06	30.83	1.207	1.978	30.49	9.8	1.188	889	0
7/8/2014 20:00	70606	15	189	2.977	139.1	11.61	4.889	135.1	7.502	7.757	132.7	4.469	29.67	30.25	30.55	0.586	0.881	31	10.76	1.217	890	0
7/8/2014 20:15	70607	15	189	2.883	140.3	11.68	4.649	135.2	7.205	7.562	134.1	4.272	29.42	29.96	30.19	0.543	0.77	31.95	11	1.295	890	0
7/8/2014 20:30	70608	15	189	2.733	145.2	12.78	4.526	139.6	7.243	7.393	136.7	4.863	28.97	29.57	29.81	0.597	0.84	33.07	11.13	1.446	890	0
7/8/2014 20:45	70609	15	189	3.254	143.7	12.09	5.078	139.1	6.637	7.938	137.1	4.161	28.8	29.26	29.46	0.463	0.659	33.36	11.11	1.41	890	0
7/8/2014 21:00	70610	15	189	3.578	148.2	12.21	5.661	141.8	7.096	8.6	138.8	4.385	28.63	29.06	29.16	0.43	0.531	33.94	11.22	1.434	891	0
7/8/2014 21:15	70611	15	189	3.248	146	12.3	5.256	141.9	7.061	8.1	138	4.065	28.34	28.78	28.86	0.445	0.528	34.74	11.32	1.426	891	0
7/8/2014 21:30	70612	15	189	3.279	147.5	12.91	5.227	142.1	8.23	8.31	139.2	4.886	27.95	28.41	28.56	0.458	0.606	35.94	11.5	1.445	891	0
7/8/2014 21:45	70613	15	189	4.144	150.1	12.04	6.306	144.1	7.176	9.18	141.8	4.68	27.96	28.3	28.31	0.335	0.346	37	11.94	1.67	891	0
7/8/2014 22:00	70614	15	189	4.011	151.2	12.61	6.082	145.6	7.437	8.71	143.7	5.493	27.69	28.03	27.98	0.336	0.287	38.64	12.36	1.418	891	0
7/8/2014 22:15	70615	15	189	3.896	150.1	12.87	6.118	144.6	7.843	8.92	142.4	5.377	27.45	27.78	27.73	0.327	0.279	40.34	12.8	1.514	891	0
7/8/2014 22:30	70616	15	189	3.597	150.8	12.5	5.663	144.7	8.25	8.35	142.8	5.522	27.06	27.42	27.42	0.36	0.361	41.88	13.02	1.426	891	0
7/8/2014 22:45	70617	15	189	3.799	154.9	11.85	5.752	149.4	7.081	8.27	146.7	4.784	26.94	27.25	27.2	0.306	0.26	42.9	13.29	1.36	891	0
7/8/2014 23:00	70618	15	189	3.461	157	12.28	5.315	151	7.708	7.722	148.2	5.573	26.68	27.01	26.96	0.336	0.287	43.87	13.39	1.305	891	0
7/8/2014 23:15	70619	15	189	3.137	157.8	12.18	4.858	151	7.468	7.365	147.8	4.627	26.31	26.67	26.7	0.363	0.389	44.92	13.42	1.333	891	0
7/8/2014 23:30	70620	15	189	3.521	160.2	11.36	5.259	153.4	7.49	7.718	149.8	4.83	26.09	26.4	26.39	0.312	0.293	45.79	13.52	1.333	891	0
7/8/2014 23:45	70621	15	189	3.941	158.9	11.75	5.823	153.2	7.884	8.37	150.1	6.004	26.01	26.28	26.17	0.263	0.159	47	13.85	1.456	891	0
7/9/2014 0:00	70622	15	190	3.464	160	11.59	5.124	154	7.66	7.556	150.9	5.299	25.7	25.98	25.9	0.277	0.203	48.54	14.06	1.307	891	0
7/9/2014 0:15	70623	15	190	3.204	162	10.94	4.72	155.8	6.839	6.876	152.9	5.011	25.35	25.69	25.64	0.337	0.288	49.89	14.17	1.244	891	0
7/9/2014 0:30	70624	15	190	2.59	158.4	11.45	4.099	152.6	7.051	6.236	151	5.21	24.92	25.34	25.39	0.417	0.467	51.48	14.25	1.092	891	0
7/9/2014 0:45	70625	15	190	2.537	159.8	11.08	4.062	153.7	7.572	6.197	150.1	4.7	24.61	25.08	25.18	0.463	0.564	52.66	14.32	1.119	891	0
7/9/2014 1:00	70626	15	190	2.286	158.4	10.64	3.832	152.5	7.045	6.194	148.7	4.804	24.29	24.79	24.95	0.498	0.654	53.69	14.32	1.053	891	0
7/9/2014 1:15	70627	15	190	2.569	155.3	11.85	4.266	150	7.262	6.52	148.4	5.669	24.13	24.59	24.71	0.464	0.581	54.44	14.38	1.27	891	0
7/9/2014 1:30	70628	15	190	2.397	158.9	10.68	3.871	152.7	7.697	6.28	149.2	4.862	23.88	24.33	24.44	0.446	0.561	55.74	14.52	1.167	891	0
7/9/2014 1:45	70629	15	190	2.279	157.8	10.99	3.715	150.8	7.575	6.092	147.3	4.971	23.59	24.09	24.23	0.5	0.63	57.38	14.7	1.252	891	0
7/9/2014 2:00	70630	15	190	1.86	154.6	11.5	3.087	147.9	7.296	5.356	143.7	5.261	23.27	23.79	23.95	0.523	0.683	58.86	14.79	1.062	891	0
7/9/2014 2:15	70631	15	190	1.78	163.6	10.86	3.084	155.1	7.305	5.214	148	5.802	22.9	23.55	23.76	0.649	0.864	60.77	14.94	1.154	891	0
7/9/2014 2:30	70632	15	190	1.64	162.2	11.24	3.021	156.9	6.151	5.043	151.4	4.205	22.45	23.29	23.61	0.845	1.166	62.5	14.95	0.812	891	0
7/9/2014 2:45	70633	15	190	1.764	145.1	11.46	3.323	142.9	6.82	5.866	144.1	4.857	22.25	23.03	23.5	0.772	1.246	63.72	15.07	1.111	891	0
7/9/2014 3:00	70634	15	190	1.731	137.2	11.35	3.189	133.2	7.121	5.857	136.5	4.834	22.19	22.87	23.34	0.673	1.151	64.04	15.09	1.126	891	0
7/9/2014 3:15	70635	15	190	2.111	130.8	12.17	3.857	126	6.234	6.449	131.1	3.984	22.13	22.78	23.26	0.645	1.13	64.51	15.15	1.183	891	0
7/9/2014 3:30	70636	15	190	2.372	126.1	11.63	4.252	122	6.205	7.277	127.5	3.511	22.02	22.57	23.18	0.551	1.164	65	15.16	1.312	891	0
7/9/2014 3:45	70637	15	190	2.09	132.7	12.63	3.714	127	8.12	7.037	129	4.081	21.75	22.24	22.93	0.489	1.182	65.8	15.09	1.236	891	0
7/9/2014 4:00	70638	15	190	2.03	124.8	11.89	3.829	121.1	5.885	7.046	128.6	3.585	21.32	21.91	22.82	0.595	1.497	67.7	15.12	1.145	891	0
7/9/2014 4:15	70639	15	190	2.142	125.9	12.72	4.123	122.4	5.778	7.281	127.9	3.233	21.25	21.86	22.72	0.608	1.469	68.2	15.17	1.073	891	0
7/9/2014 4:30	70640	15	190	2.623	117.5	12.18	4.617	115.4	5.951	7.945	122.7	3.137	21.29	21.78	22.61	0.489	1.312	68.43	15.27	1.311	891	0
7/9/2014 4:45	70641	15	190	2.714	121.1	12.43	4.478	117.9	7.32	7.729	122.7	3.542	21.43	21.83	22.46	0.401	1.029	67.91	15.28	1.455	891	0
7/9/2014 5:00	70642	15	190	2.238	126	19.5	3.9	123.5	13.35	6.863	128	6.072	21.1	21.64	22.36	0.542	1.255	69.04	15.22	3.848	891	0
7/9/2014 5:15	70643	15	190	1.905	129	12.27	3.336	122.9	8.46	6.595	128.1	3.932	20.99	21.5	22.41	0.512	1.424	69.96	15.32	15.84	891	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/9/2014 5:30	70644	15	190	1.933	120.7	11.53	3.708	117.9	5.86	6.681	125.6	3.415	21	21.46	22.29	0.457	1.282	70.52	15.46	47.95	891	0
7/9/2014 5:45	70645	15	190	2.52	125	12.05	4.191	119.6	6.853	7.06	126.1	3.15	21.41	21.57	22.16	0.166	0.752	69.33	15.58	91.4	891	0
7/9/2014 6:00	70646	15	190	2.444	127.5	12.69	3.98	122.4	6.693	6.517	124.7	3.122	21.97	21.94	22.1	-0.038	0.123	67.56	15.71	144	891	0
7/9/2014 6:15	70647	15	190	2.661	124.4	13.04	4.062	120.7	8.05	5.999	122.3	4.139	22.68	22.49	22.28	-0.195	-0.398	65.32	15.86	203.6	891	0
7/9/2014 6:30	70648	15	190	2.995	130	13.46	4.345	123.8	8.79	5.294	121.9	5.997	23.45	23.13	22.7	-0.324	-0.758	62.71	15.95	270.4	891	0
7/9/2014 6:45	70649	15	190	3.028	127.2	13.5	4.355	122.3	8.17	5.351	119.5	5.147	24.14	23.7	23.16	-0.432	-0.977	60.54	16.04	337.8	891	0
7/9/2014 7:00	70650	15	190	2.824	124.4	14.19	4.11	119.3	8.76	4.912	118.3	7.736	24.85	24.26	23.62	-0.591	-1.226	58.49	16.17	403	891	0
7/9/2014 7:15	70651	15	190	2.682	133.6	16.83	3.709	127.2	10.47	4.265	122.1	7.681	25.47	24.86	24.23	-0.619	-1.241	56.24	16.14	467	892	0
7/9/2014 7:30	70652	15	190	2.723	127	18.23	3.659	122.4	12.29	4.396	119.2	7.99	26.08	25.32	24.65	-0.751	-1.423	54.54	16.22	534.3	892	0
7/9/2014 7:45	70653	15	190	2.941	128.8	16.04	4.007	123.4	10.35	4.376	119.2	6.579	26.59	25.74	25.11	-0.855	-1.479	52.41	16.07	596.1	892	0
7/9/2014 8:00	70654	15	190	2.842	128.6	14.1	3.863	124.5	9.43	4.35	118.7	7.121	27.17	26.26	25.52	-0.911	-1.647	50.74	16.09	643	892	0
7/9/2014 8:15	70655	15	190	3.068	123.8	19.82	4.211	118	12.98	4.879	114.3	10.18	27.64	26.68	25.96	-0.96	-1.682	49.26	16.06	699.5	892	0
7/9/2014 8:30	70656	15	190	3.106	116.3	17.96	4.168	111.3	13.46	4.928	106.7	10.79	28.11	27.09	26.27	-1.019	-1.84	47.35	15.87	770.1	891	0
7/9/2014 8:45	70657	15	190	2.781	118.7	16.81	3.732	114.2	11.62	4.141	113.4	8.11	28.35	27.25	26.47	-1.093	-1.876	45.61	15.5	828	891	0
7/9/2014 9:00	70658	15	190	2.232	115.1	28.37	3.018	110.2	21.48	3.586	112.1	18.38	28.7	27.59	26.82	-1.118	-1.882	44.43	15.42	886	891	0
7/9/2014 9:15	70659	15	190	2.516	148.2	26.1	3.355	139.5	24.48	3.868	126.1	17.89	29.18	28.04	27.26	-1.144	-1.918	42.9	15.3	935	892	0
7/9/2014 9:30	70660	15	190	2.498	127	30.23	3.434	122.3	24.92	4.196	117	17.45	29.49	28.23	27.56	-1.262	-1.926	41.38	15.01	987	892	0
7/9/2014 9:45	70661	15	190	2.663	104.3	23.66	3.478	99.8	19.27	4.024	96.6	16.3	29.66	28.56	27.78	-1.105	-1.88	39.91	14.61	991	892	0
7/9/2014 10:00	70662	15	190	2.356	114.9	32.13	2.969	117.8	31.53	3.389	115.8	23.29	29.84	28.84	28.01	-1.002	-1.832	38.53	14.22	1028	892	0
7/9/2014 10:15	70663	15	190	2.607	107	29.55	3.502	103	21.97	4.013	96.1	19.12	30.49	29.22	28.43	-1.272	-2.06	36.91	14.13	1111	891	0
7/9/2014 10:30	70664	15	190	2.736	120	26.55	3.504	116.8	23.64	4.224	119.5	23.05	30.81	29.6	28.81	-1.208	-1.997	33.89	13.1	1133	891	0
7/9/2014 10:45	70665	15	190	3.163	135.2	30.45	4.08	130.2	23.78	4.666	125.1	20.54	31.27	30.03	29.18	-1.246	-2.097	33.12	13.16	1163	891	0
7/9/2014 11:00	70666	15	190	3.527	127.7	25.59	4.779	122.3	21.56	5.688	119.1	20.27	31.91	30.32	29.41	-1.592	-2.5	31.1	12.75	1187	891	0
7/9/2014 11:15	70667	15	190	3.67	121	27.92	4.868	116.5	17.44	6.028	114.3	13.98	32.18	30.66	29.76	-1.521	-2.419	28.99	11.91	1209	891	0
7/9/2014 11:30	70668	15	190	3.361	115.5	29.69	4.468	113.6	24.33	5.105	107.1	19.5	32.44	30.93	30.02	-1.509	-2.421	28.35	11.79	1223	891	0
7/9/2014 11:45	70669	15	190	3.276	121.6	25.32	4.311	116.6	21.81	5.363	113.9	20.32	33.04	31.54	30.45	-1.496	-2.585	28.23	12.24	1227	891	0
7/9/2014 12:00	70670	15	190	3.568	129.1	25.51	4.661	127	22.08	5.526	122.2	18.44	33	31.51	30.49	-1.49	-2.51	27.49	11.81	1259	891	0
7/9/2014 12:15	70671	15	190	3.965	133.1	24.27	5.411	127.4	21.22	6.419	122	21.94	33.45	31.72	30.75	-1.721	-2.696	26.99	11.9	1227	890	0
7/9/2014 12:30	70672	15	190	4.168	151.7	27.37	5.787	146.3	25.1	6.872	138.8	23.04	33.46	31.8	30.79	-1.654	-2.67	26.16	11.43	1052	890	0
7/9/2014 12:45	70673	15	190	4.363	132.2	22.41	5.877	127.2	18.47	6.977	124.9	15.8	33.56	31.83	30.78	-1.73	-2.775	25.5	11.14	1265	890	0
7/9/2014 13:00	70674	15	190	3.467	152.9	23.47	4.686	147.6	19.63	5.657	139.1	18.04	33.68	32.01	30.95	-1.669	-2.737	25.15	11.03	1128	890	0
7/9/2014 13:15	70675	15	190	4.39	139.8	30.06	5.907	132.1	27.05	6.98	125.6	22.75	33.08	31.83	31.01	-1.253	-2.077	26.56	11.35	824	890	0
7/9/2014 13:30	70676	15	190	4.311	118.9	21.48	5.869	115.1	19.31	6.91	113.2	19.72	33.82	32.29	31.27	-1.528	-2.544	25.73	11.49	1142	890	0
7/9/2014 13:45	70677	15	190	3.714	148.2	20.71	5.116	140.5	15.1	6.037	134.2	10.85	33.52	32.21	31.35	-1.31	-2.174	25.2	10.93	990	889	0
7/9/2014 14:00	70678	15	190	3.779	127.4	30.56	5.064	123.8	24.39	6.046	120.5	22.21	33.94	32.54	31.65	-1.405	-2.291	24.95	11.13	1055	889	0
7/9/2014 14:15	70679	15	190	4.176	163.8	19.16	5.643	156.8	16.07	6.888	149.3	13.68	34.49	32.73	31.62	-1.757	-2.871	24.63	11.4	1155	889	0
7/9/2014 14:30	70680	15	190	4.183	151.6	18.42	5.865	142.6	14.46	6.995	138.2	11.41	34.53	32.78	31.73	-1.75	-2.803	24.65	11.45	1109	889	0
7/9/2014 14:45	70681	15	190	3.793	147.3	18.15	5.275	142.4	15.24	6.653	140.1	11.95	34.23	32.64	31.7	-1.588	-2.533	25.01	11.42	1082	889	0
7/9/2014 15:00	70682	15	190	3.958	155.9	17.24	5.528	150.6	14.55	6.519	145.5	13.78	34.59	32.9	31.9	-1.695	-2.692	24.2	11.22	1017	889	0
7/9/2014 15:15	70683	15	190	3.369	143.3	23.25	4.551	137.6	20.71	5.33	131.9	19.98	34.27	32.81	31.96	-1.462	-2.316	24.13	10.91	919	888	0
7/9/2014 15:30	70684	15	190	4.07	132.7	23.6	5.444	126	20.12	6.439	120.9	18.49	34.16	32.8	31.84	-1.358	-2.323	24.49	11.04	881	888	0
7/9/2014 15:45	70685	15	190	4.652	118.1	15.78	6.423	113.3	10.93	7.548	109.5	8.74	34.07	32.78	31.85	-1.287	-2.216	24.47	10.95	823	888	0
7/9/2014 16:00	70686	15	190	4.332	120	18.19	6.034	115.6	14.68	7.187	113.7	11.07	34.05	32.76	31.9	-1.294	-2.153	25.64	11.64	773.9	888	0
7/9/2014 16:15	70687	15	190	4.165	144	18.12	5.873	137	14.71	7.046	133.1	11.96	32.91	32.26	31.58	-0.652	-1.331	26.98	11.44	235.9	888	0
7/9/2014 16:30	70688	15	190	4.157	130.3	18.46	5.984	125.6	14.24	7.41	126.9	12.01	32.4	32	31.44	-0.403	-0.957	29.02	12.12	220.5	888	0
7/9/2014 16:45	70689	15	190	4.21	150.2	14.74	6.021	143.3	11.51	7.291	135.4	10.44	32.96	32.23	31.52	-0.731	-1.447	28.44	12.29	520.4	888	0
7/9/2014 17:00	70690	15	190	4.572	150	15.31	6.75	143.4	10.5	7.972	139.2	9.01	32.96	32.19	31.48	-0.774	-1.486	28.18	12.15	507.1	888	0
7/9/2014 17:15	70691	15	190	4.458	151.9	15.51	6.415	144.7	11.94	7.967	139.4	10.18	32.95	32.29	31.56	-0.662	-1.388	28.54	12.33	460.6	888	0
7/9/2014 17:30	70692	15	190	4.549	145.6	14.05	6.489	139.4	10.43	7.926	136.2	9.69	32.67	32.15	31.46	-0.524	-1.215	29.12	12.4	357.4	888	0
7/9/2014 17:45	70693	15	190	4.595	145.5	14.43	6.688	140	10.65	8.52	136	8.56	32.18	31.87	31.24	-0.308	-0.939	29.91	12.38	222.5	888	0
7/9/2014 18:00	70694	15	190	4.765	148.6	15.05	6.886	144.2	11.15	8.91	140.2	8.99	31.91	31.69	31.1	-0.219	-0.81	29.97	12.18	207.7	888	0
7/9/2014 18:15	70695	15	190	4.321	151.8	13.47	6.372	147.6	9.49	8.12	143	6.841	31.56	31.49	31.03	-0.066	-0.528	29.6	11.69	134.2	888	0
7/9/2014 18:30	70696	15	190	4.217	156.9	12.63	6.411	149.5	8.36	8.62	143.2	6.831	31.11	31.16	30.8	0.053	-0.313	30.33	11.68	78.04	888	0
7/9/2014 18:45	70697	15	190	4.214	151.8	12.53	6.467	145.6	7.803	8.82	141	4.91	30.66	30.79	30.51	0.139	-0.149	31.84	12.02	32.89	888	0
7/9/2014 19:00	70698	15	190	4.084	152.3	12.47	6.164	146.2	7.784	8.3	141.5	5.395	30.23	30.4	30.16	0.175	-0.07	33.18	12.27	16.16	889	0
7/9/2014 19:15	70699	15	190	4.023	158.4	11.9	6.193	151.3	7.86	8.51	148	4.935	29.78	30	29.82	0.223	0.046	34.6	12.52	4.432	889	0
7/9/2014 19:30	70700	15	190	3.824	155.6	11.18	5.896	149.4	8.02	8.59	145.2	4.711	29.37	29.63	29.52	0.259	0.154	35.88	12.71	1.819	889	0
7/9/2014 19:45	70701	15	190	3.781	153.2	12.44	5.929	147.3	7.898	8.57	144.1	4.736	29.08	29.35	29.27	0.277	0.197	36.69	12.8	1.442	889	0
7/9/2014 20:00	70702	15	190	4.172	149.4	12.02	6.331	144.2	7.824	8.94	140.7	4.544	28.8	29.04	28.95	0.239	0.145	37.46	12.88	1.618	889	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/9/2014 20:15	70703	15	190	3.64	153.1	12.63	5.752	147	7.553	8.52	142.8	4.751	28.4	28.67	28.58	0.274	0.182	38.6	12.97	1.51	890	0
7/9/2014 20:30	70704	15	190	3.532	153.3	11.56	5.412	146.5	6.927	7.944	142.5	4.511	28.06	28.34	28.25	0.277	0.188	40.43	13.38	1.328	890	0
7/9/2014 20:45	70705	15	190	3.92	154.4	11.95	6.035	147.8	7.731	8.6	144.5	4.955	27.84	28.1	28	0.264	0.161	41.53	13.59	1.406	890	0
7/9/2014 21:00	70706	15	190	3.859	151.5	11.81	5.962	146.2	7.226	8.44	143	5.157	27.56	27.81	27.7	0.254	0.137	43.1	13.91	1.508	890	0
7/9/2014 21:15	70707	15	190	3.669	151.3	12.27	5.659	145.6	7.229	8.09	142.1	4.73	27.25	27.52	27.45	0.274	0.199	44.29	14.05	1.37	890	0
7/9/2014 21:30	70708	15	190	3.298	148.9	13.04	5.201	144.2	7.4	7.808	141.5	4.948	26.92	27.23	27.18	0.308	0.266	45.45	14.15	1.354	890	0
7/9/2014 21:45	70709	15	190	3.007	147.1	12.48	4.878	141.8	7.526	7.478	139.2	4.638	26.55	26.92	26.94	0.368	0.391	46.87	14.3	1.323	890	0
7/9/2014 22:00	70710	15	190	2.819	145	12.17	4.562	139.6	7.508	7.102	137.9	4.641	26.23	26.63	26.7	0.401	0.466	47.9	14.34	1.31	891	0
7/9/2014 22:15	70711	15	190	2.419	145.2	11.97	3.954	141	7.49	6.62	138	4.222	25.85	26.31	26.47	0.46	0.615	49.09	14.37	1.271	891	0
7/9/2014 22:30	70712	15	190	2.407	143.6	11.23	4.131	138.7	6.293	6.795	138.5	3.863	25.49	26.04	26.3	0.547	0.805	50.05	14.34	1.341	891	0
7/9/2014 22:45	70713	15	190	2.183	142.5	11.15	3.848	137.7	6.635	6.785	139.2	3.294	25.02	25.62	26.1	0.594	1.077	51.24	14.28	1.366	890	0
7/9/2014 23:00	70714	15	190	2.253	137.6	10.93	4.02	134.3	5.928	7.046	137.4	3.815	24.61	25.3	25.88	0.684	1.271	52.67	14.32	1.272	891	0
7/9/2014 23:15	70715	15	190	2.209	137.3	10.97	3.97	133.6	5.997	6.84	135.7	3.739	24.4	25.03	25.63	0.625	1.23	53.08	14.24	1.182	890	0
7/9/2014 23:30	70716	15	190	2.29	134.4	14.99	4.07	131.1	9.42	7.297	136.2	5.603	24.01	24.64	25.23	0.63	1.222	55.2	14.49	1.166	890	0
7/9/2014 23:45	70717	15	190	2.564	141.6	10.99	4.194	137.8	6.591	7.145	138.1	3.669	24.28	24.74	25.09	0.46	0.813	55.25	14.75	1.437	890	0
7/10/2014 0:00	70718	15	191	2.473	136.7	11.44	4.146	132.8	6.817	6.965	134.4	3.51	23.91	24.45	24.9	0.534	0.99	57.17	14.94	1.03	890	0
7/10/2014 0:15	70719	15	191	2.49	136.4	11.02	4.273	131.7	5.526	7.462	133.2	2.099	23.47	24.02	24.66	0.545	1.187	58.81	14.97	1.116	890	0
7/10/2014 0:30	70720	15	191	2.041	130.1	10.72	3.627	128.1	5.946	6.76	131.5	2.854	23.13	23.72	24.37	0.584	1.236	60.08	14.98	1.267	890	0
7/10/2014 0:45	70721	15	191	1.961	130.6	10.63	3.659	127.4	5.442	6.561	130.3	2.785	22.87	23.55	24.13	0.672	1.255	61.79	15.17	1.103	890	0
7/10/2014 1:00	70722	15	191	1.985	129.6	10.43	3.765	126.8	5.377	6.947	129.4	2.636	22.6	23.28	23.98	0.676	1.378	63.43	15.33	1.199	890	0
7/10/2014 1:15	70723	15	191	2.258	128.1	9.95	4.105	124.8	5.684	7.426	127.2	2.656	22.49	23.08	23.79	0.596	1.306	64.45	15.47	1.286	890	0
7/10/2014 1:30	70724	15	191	2.424	128.3	10.77	4.283	124	5.945	7.679	126.3	2.632	22.47	22.99	23.68	0.512	1.204	64.53	15.47	1.149	890	0
7/10/2014 1:45	70725	15	191	2.458	126.9	11.24	4.318	122.3	5.985	7.652	124	2.203	22.37	22.84	23.51	0.471	1.135	64.63	15.4	1.363	890	0
7/10/2014 2:00	70726	15	191	2.422	125.6	11.34	4.233	121.1	5.949	7.956	122.6	2.275	22.17	22.63	23.42	0.46	1.248	64.9	15.28	1.364	889	0
7/10/2014 2:15	70727	15	191	2.364	118.6	10.81	4.095	115.6	6.334	7.705	117.6	2.057	21.82	22.29	23.09	0.474	1.278	65.87	15.17	1.365	889	0
7/10/2014 2:30	70728	15	191	2.416	121.5	12	4.095	116.6	6.717	7.816	119	2.341	21.66	22.09	22.9	0.429	1.246	66.2	15.1	1.292	889	0
7/10/2014 2:45	70729	15	191	2.463	122.2	11.76	4.178	117.7	6.015	7.796	120.2	1.941	21.5	21.96	22.8	0.458	1.304	65.86	14.87	1.262	889	0
7/10/2014 3:00	70730	15	191	2.427	119	11.24	4.144	114.7	5.981	7.837	118.1	1.775	21.33	21.8	22.74	0.475	1.417	65.65	14.65	1.329	889	0
7/10/2014 3:15	70731	15	191	2.766	115.3	11.25	4.577	113.4	6.315	8.41	117.6	2.192	21.33	21.74	22.62	0.411	1.287	64.81	14.46	1.365	889	0
7/10/2014 3:30	70732	15	191	2.854	114.5	11.52	4.583	112	6.457	8.38	115.2	2.556	21.29	21.68	22.35	0.387	1.064	64.08	14.24	1.266	889	0
7/10/2014 3:45	70733	15	191	2.793	113.8	11.09	4.609	109.8	6.316	8.12	113.1	2.596	21.03	21.41	22.04	0.38	1.006	64.31	14.05	1.282	889	0
7/10/2014 4:00	70734	15	191	2.799	120.3	11.84	4.716	116.7	6.689	8.49	119.9	3.582	20.86	21.25	22	0.386	1.138	64.45	13.93	1.464	889	0
7/10/2014 4:15	70735	15	191	2.805	119.8	12.14	4.634	117.3	6.544	8.26	120.7	2.967	20.83	21.23	21.88	0.404	1.049	64.18	13.83	1.367	889	0
7/10/2014 4:30	70736	15	191	3.086	121.6	11.48	4.932	118.5	6.504	8.26	121.2	3.556	20.88	21.25	21.71	0.374	0.834	63.54	13.72	1.348	889	0
7/10/2014 4:45	70737	15	191	3.055	128.9	12.2	4.846	123.7	7.131	7.877	124	4.359	20.91	21.25	21.53	0.337	0.621	63.16	13.66	1.642	889	0
7/10/2014 5:00	70738	15	191	3.116	129.3	11.56	4.799	124.6	7.166	7.526	125.6	4.33	20.95	21.28	21.47	0.33	0.519	62.83	13.62	3.561	889	0
7/10/2014 5:15	70739	15	191	3.153	127	12.36	5.023	123	6.955	7.806	124.4	4.388	21.01	21.29	21.42	0.279	0.404	62.29	13.54	15.18	889	0
7/10/2014 5:30	70740	15	191	3.117	125.4	12.55	4.858	120.4	7.36	7.449	121.1	4.478	21.02	21.21	21.26	0.198	0.246	62.48	13.59	45.64	890	0
7/10/2014 5:45	70741	15	191	2.871	132.6	13.21	4.585	126.1	8.01	7.033	123.1	4.813	21.23	21.34	21.25	0.104	0.014	62.35	13.77	90.9	890	0
7/10/2014 6:00	70742	15	191	3.085	137	13.05	4.566	130.3	8.34	6.57	126.6	5.245	21.68	21.63	21.38	-0.056	-0.304	61.28	13.92	144	890	0
7/10/2014 6:15	70743	15	191	3.32	143.4	14.12	4.966	136.9	9.31	6.629	132.5	6.841	22.23	22.05	21.68	-0.178	-0.552	59.81	14.07	202.2	890	0
7/10/2014 6:30	70744	15	191	3.358	141.3	12.85	5.09	134.8	8.13	6.617	131.6	5.828	22.85	22.54	22.05	-0.312	-0.803	58.35	14.27	263.6	890	0
7/10/2014 6:45	70745	15	191	3.446	146.3	14.02	5.059	139.4	9.05	6.031	134.7	7.321	23.36	22.93	22.4	-0.43	-0.96	56.87	14.34	329.9	890	0
7/10/2014 7:00	70746	15	191	3.666	150.3	13.26	5.31	142.7	8.52	6.488	137.8	6.134	23.85	23.31	22.71	-0.537	-1.142	55.32	14.37	393.7	890	0
7/10/2014 7:15	70747	15	191	3.676	154	14.6	5.361	145.9	9.53	6.195	141.4	6.465	24.35	23.62	23.01	-0.727	-1.333	53.95	14.45	457.7	891	0
7/10/2014 7:30	70748	15	191	3.426	151.1	16.95	4.755	144.6	12.28	5.454	141.3	7.76	24.76	23.95	23.28	-0.807	-1.471	52.84	14.5	521.5	891	0
7/10/2014 7:45	70749	15	191	3.206	145.6	17.22	4.517	138.9	13.24	5.293	136.3	9.93	25.25	24.33	23.61	-0.916	-1.637	51.96	14.7	584.4	891	0
7/10/2014 8:00	70750	15	191	3.584	151.8	13.34	4.866	145.5	9.35	5.628	140.8	6.692	25.65	24.64	23.9	-1.017	-1.752	50.89	14.75	646.1	891	0
7/10/2014 8:15	70751	15	191	3.218	135.2	16.34	4.623	127.5	10.79	5.561	126.6	9.65	26.33	25.19	24.33	-1.135	-2	49.6	14.97	704.3	891	0
7/10/2014 8:30	70752	15	191	3.045	146.1	20.26	4.23	142.2	15.39	4.811	138.8	14.29	26.63	25.46	24.73	-1.175	-1.899	48.78	14.99	761.4	891	0
7/10/2014 8:45	70753	15	191	3.089	148.3	25.29	4.126	142	20.86	4.877	140.1	17.12	27.24	26.1	25.24	-1.145	-2	47.79	15.23	818	891	0
7/10/2014 9:00	70754	15	191	2.717	155.7	24.88	3.562	151.3	24.25	4.213	150.9	22.77	27.67	26.46	25.61	-1.213	-2.058	46.7	15.26	874	891	0
7/10/2014 9:15	70755	15	191	2.502	150.4	35.16	3.14	141	28.39	3.966	140.6	20.02	27.67	26.48	25.76	-1.186	-1.912	46.56	15.21	927	891	0
7/10/2014 9:30	70756	15	191	2.327	152.6	31.91	3.051	145.4	26.68	3.555	140.3	21.07	28.33	27.1	26.31	-1.232	-2.023	45.39	15.42	980	891	0
7/10/2014 9:45	70757	15	191	2.611	137.7	24.46	3.505	132.4	19.61	4.134	135.2	15.28	28.76	27.44	26.53	-1.321	-2.228	44.01	15.32	1028	891	0
7/10/2014 10:00	70758	15	191	2.926	162	27.46	3.801	152.8	22.31	4.31	146.6	19.9	29.17	27.69	26.85	-1.485	-2.326	42.92	15.3	1079	890	0
7/10/2014 10:15	70759	15	191	2.381	181.2	26.95	3.278	174	18.67	4.101	164.7	17.43	29.64	28.33	27.44	-1.306	-2.202	41.77	15.3	1129	890	0
7/10/2014 10:30	70760	15	191	3.006	154.9	23.84	3.966	148.2	18.02	4.585	143.9	11.53	30.12	28.55	27.67	-1.573	-2.455	39.69	14.94	1192	890	0
7/10/2014 10:45	70761	15	191	3.189	127.5	33.19	4.146	123.2	26.88	4.699	124.3	24.76	30.5	29.09	28.19	-1.41	-2.315	39	15	1063	890	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/10/2014 11:00	70762	15	191	2.939	132.1	25.95	3.948	126.5	22.65	4.518	122.5	22.48	30.67	29.22	28.4	-1.447	-2.273	37.86	14.69	949	890	0
7/10/2014 11:15	70763	15	191	3.592	121.5	26.74	4.857	116.3	21.81	5.704	111.9	17.18	30.86	29.34	28.47	-1.524	-2.393	37.24	14.6	924	890	0
7/10/2014 11:30	70764	15	191	2.866	125.3	22.8	3.828	118.6	17.6	4.519	114.5	18.04	30.52	29.35	28.56	-1.173	-1.964	36.71	14.08	841	890	0
7/10/2014 11:45	70765	15	191	3.264	148.1	21.27	4.374	141.9	18.53	5.091	138.3	15.86	31.12	29.82	29.09	-1.304	-2.034	34.3	13.56	892	890	0
7/10/2014 12:00	70766	15	191	3.163	158.8	27.83	4.191	154.9	23.86	5.004	149.9	19.62	31.4	30.15	29.24	-1.254	-2.156	33.78	13.57	865	889	0
7/10/2014 12:15	70767	15	191	4.286	163.1	28.66	5.608	154.1	25.95	6.454	146.7	23.27	32.23	30.57	29.71	-1.668	-2.521	31.09	13.02	1130	889	0
7/10/2014 12:30	70768	15	191	3.864	161.3	29.85	5.311	157.2	26.14	6.054	152.9	17.58	32.72	31.11	30.05	-1.614	-2.67	28.95	12.35	1115	889	0
7/10/2014 12:45	70769	15	191	3.454	158.9	24.39	4.687	149.1	20.05	5.581	145.5	17.45	33.03	31.34	30.34	-1.686	-2.688	27.43	11.79	1099	889	0
7/10/2014 13:00	70770	15	191	3.732	145.5	35.27	4.886	141.6	24.39	6.042	136.5	19.46	33.18	31.58	30.62	-1.606	-2.566	26.29	11.28	1220	888	0
7/10/2014 13:15	70771	15	191	4.301	124.8	17.82	5.849	118.2	14.01	7.044	115.3	11.92	33.77	31.96	30.79	-1.812	-2.981	25.1	11.08	1126	888	0
7/10/2014 13:30	70772	15	191	4.387	148.6	19.99	6.025	142.9	16.63	6.974	141.4	16.91	33.62	31.89	30.91	-1.727	-2.712	24.81	10.78	1088	888	0
7/10/2014 13:45	70773	15	191	3.815	144.1	19.58	5.189	136.5	15.3	6.162	131.3	16.07	33.84	32.06	30.81	-1.784	-3.034	24.31	10.66	1189	888	0
7/10/2014 14:00	70774	15	191	3.963	154.4	21.27	5.433	149	16.91	6.463	143.9	13.19	33.97	32.18	31.13	-1.791	-2.842	23.81	10.46	1141	888	0
7/10/2014 14:15	70775	15	191	4.198	147.5	23.77	5.606	141.9	18.51	6.624	136.9	15.61	33.76	32.12	31.18	-1.643	-2.578	23.26	9.93	966	888	0
7/10/2014 14:30	70776	15	191	4.215	147.7	22.64	5.786	141.3	17.42	7.105	140	14.65	34.17	32.56	31.5	-1.607	-2.667	23.74	10.56	1019	888	0
7/10/2014 14:45	70777	15	191	4.081	162.5	20.11	5.477	154.7	17.37	6.311	151.8	17.54	33.75	32.12	31.2	-1.632	-2.554	23.19	9.88	1012	888	0
7/10/2014 15:00	70778	15	191	4.302	141.9	22.24	5.878	136.6	19.26	7.207	133.8	20.97	34.04	32.42	31.46	-1.628	-2.582	23.7	10.45	999	887	0
7/10/2014 15:15	70779	15	191	4.626	133.8	18.72	6.578	128.7	15.1	8.05	127.6	13.09	33.87	32.33	31.25	-1.535	-2.624	23.91	10.44	861	887	0
7/10/2014 15:30	70780	15	191	4.714	142.9	19.88	6.522	138.3	16.83	7.755	136.6	14.42	33.58	32.22	31.22	-1.36	-2.362	23.66	10.04	794.8	887	0
7/10/2014 15:45	70781	15	191	4.16	133.7	20.61	5.67	126.5	16.19	6.656	124.6	13.34	33.62	32.3	31.39	-1.325	-2.237	23.49	9.96	807	887	0
7/10/2014 16:00	70782	15	191	3.823	152.4	20.06	5.243	145.4	15.37	6.228	138.4	14.68	33.49	32.26	31.43	-1.23	-2.054	23.71	9.99	743.5	887	0
7/10/2014 16:15	70783	15	191	4.428	145.8	21.27	6.222	139.7	19.44	7.971	136.6	17.5	33.62	32.39	31.44	-1.232	-2.183	23.65	10.06	688	887	0
7/10/2014 16:30	70784	15	191	3.463	150.6	20.65	4.826	141.7	16.7	5.707	133.9	11.85	33.4	32.34	31.51	-1.061	-1.894	23.4	9.72	629.1	887	0
7/10/2014 16:45	70785	15	191	4.007	138.7	17.13	5.735	132.2	13.44	6.735	132.4	11.73	33.35	32.38	31.61	-0.967	-1.738	22.87	9.34	565.4	887	0
7/10/2014 17:00	70786	15	191	4.714	148	17.9	6.645	140.5	15.59	7.683	136.8	13.63	33.15	32.33	31.64	-0.821	-1.506	23.23	9.4	500.1	887	0
7/10/2014 17:15	70787	15	191	4.025	143.7	19.5	5.635	136.1	15.98	6.837	131.2	14.21	33	32.31	31.63	-0.691	-1.371	23.22	9.27	434.7	887	0
7/10/2014 17:30	70788	15	191	3.953	131.2	16.24	5.601	125	12.51	6.597	123.1	11.75	32.71	32.16	31.52	-0.549	-1.183	23.19	9.01	364.6	887	0
7/10/2014 17:45	70789	15	191	3.51	142.4	14.23	5.154	136.5	9.02	6.068	133.5	8.3	32.46	32.01	31.42	-0.445	-1.04	23.56	9.04	295.4	887	0
7/10/2014 18:00	70790	15	191	3.662	150.8	15.04	5.271	143.2	10.38	6.426	139.4	8.31	32.22	31.92	31.38	-0.297	-0.843	24.18	9.22	231.7	887	0
7/10/2014 18:15	70791	15	191	4.513	142	15.12	6.698	135.6	9.35	8.55	132.2	6.69	31.64	31.48	30.97	-0.162	-0.67	26.41	10.04	166.1	887	0
7/10/2014 18:30	70792	15	191	3.991	136.9	14.73	6.05	130.3	10.25	7.941	128.3	7.601	31.17	31.15	30.73	-0.02	-0.441	27.92	10.48	107.9	887	0
7/10/2014 18:45	70793	15	191	3.918	141.5	13.07	6.003	135.5	8.64	8.2	132.6	5.158	30.61	30.72	30.4	0.112	-0.206	29.02	10.58	52.47	888	0
7/10/2014 19:00	70794	15	191	4.369	139.7	12.03	6.666	132.6	7.544	9.02	129.7	4.41	30.02	30.21	29.98	0.19	-0.04	30.01	10.58	11.96	888	0
7/10/2014 19:15	70795	15	191	3.997	141.3	11.98	5.975	135	7.279	8.78	131.9	4.714	29.48	29.72	29.59	0.238	0.106	31.29	10.74	4.213	888	0
7/10/2014 19:30	70796	15	191	4.341	139.6	12.86	6.685	133.3	8.23	9.33	130.4	5.752	29.07	29.32	29.18	0.248	0.115	32.65	11.02	1.837	888	0
7/10/2014 19:45	70797	15	191	4.245	138.4	12	6.323	132.2	7.578	9.06	129.8	4.447	28.6	28.85	28.76	0.251	0.155	33.64	11.07	1.534	888	0
7/10/2014 20:00	70798	15	191	4.44	140.6	12.33	6.782	134.4	7.315	9.33	131.5	4.952	28.31	28.57	28.44	0.256	0.125	34.2	11.06	1.432	889	0
7/10/2014 20:15	70799	15	191	3.963	141.6	12.13	6.197	135.3	7.455	8.78	132.1	4.923	27.86	28.15	28.04	0.292	0.177	35.4	11.18	1.45	889	0
7/10/2014 20:30	70800	15	191	3.993	140.4	12.24	6.025	135	7.746	8.73	131.5	5.072	27.47	27.75	27.68	0.278	0.211	36.66	11.37	1.385	889	0
7/10/2014 20:45	70801	15	191	4.65	145.7	12.03	7.061	138.6	8.16	9.9	135.2	5.678	27.28	27.49	27.35	0.215	0.071	38.51	11.94	1.62	889	0
7/10/2014 21:00	70802	15	191	5.048	144.8	12.33	7.718	138.7	7.563	10.53	135.4	4.764	27.07	27.26	27.09	0.196	0.024	39.69	12.21	1.508	890	0
7/10/2014 21:15	70803	15	191	5.139	146.5	12.62	7.821	139.6	7.387	10.27	137.1	5.207	26.81	27.01	26.8	0.198	-0.012	40.7	12.37	1.445	890	0
7/10/2014 21:30	70804	15	191	4.516	145.2	12.18	6.989	138.9	8.1	10.08	136.2	5.354	26.44	26.67	26.53	0.23	0.093	41.71	12.41	1.569	890	0
7/10/2014 21:45	70805	15	191	4.813	148	12.94	7.49	141.5	8.19	10.46	138.1	5.399	26.24	26.46	26.3	0.221	0.052	42.83	12.64	1.83	890	0
7/10/2014 22:00	70806	15	191	5.316	149.7	12.61	7.997	142.9	8.02	10.93	139	6.025	26.01	26.19	25.98	0.178	-0.026	44.52	13.01	1.773	890	0
7/10/2014 22:15	70807	15	191	5.997	150.3	12.19	9.11	143.6	7.287	11.89	141.3	5.001	25.77	25.91	25.66	0.141	-0.109	47.19	13.68	1.965	890	0
7/10/2014 22:30	70808	15	191	4.905	152.2	12.93	7.404	145.2	7.721	10.38	142.5	5.629	25.28	25.45	25.24	0.165	-0.042	49.26	13.91	1.667	890	0
7/10/2014 22:45	70809	15	191	5.688	154	12.78	8.44	146.5	7.261	11.14	144.6	5.411	24.99	25.12	24.87	0.132	-0.121	50.85	14.13	1.712	890	0
7/10/2014 23:00	70810	15	191	6.256	152.9	12.28	9.53	145.9	8.08	12.41	141.8	5.405	24.63	24.74	24.46	0.11	-0.169	51.07	13.86	1.894	891	0
7/10/2014 23:15	70811	15	191	5.627	152	12.25	8.58	144.4	8.35	11.56	141.3	5.086	24.18	24.31	24.07	0.13	-0.118	52.97	14.01	1.692	891	0
7/10/2014 23:30	70812	15	191	4.894	152.6	12.73	7.535	146.1	7.902	10.05	143	5.667	23.85	24.01	23.78	0.156	-0.075	53.9	13.97	1.572	891	0
7/10/2014 23:45	70813	15	191	4.672	149.3	11.8	7.183	141.9	8.21	9.83	138.3	5.437	23.58	23.77	23.56	0.192	-0.02	54.17	13.8	1.699	891	0
7/11/2014 0:00	70814	15	192	5.008	143.4	12.46	7.535	136.8	7.708	10.25	133.8	5.075	23.38	23.56	23.37	0.172	-0.012	53.6	13.46	1.689	891	0
7/11/2014 0:15	70815	15	192	4.604	145	12.19	6.947	137.6	7.927	9.85	134.2	5.62	23.1	23.31	23.17	0.209	0.062	52.54	12.89	1.522	891	0
7/11/2014 0:30	70816	15	192	4.417	144.8	13.48	6.631	137.4	8.24	9.46	133.8	6.046	22.74	22.94	22.79	0.205	0.05	53.86	12.93	1.695	891	0
7/11/2014 0:45	70817	15	192	4.388	148.4	12.56	6.623	141.8	7.863	8.87	138.2	5.262	22.42	22.61	22.41	0.191	-0.015	56.51	13.37	1.52	891	0
7/11/2014 1:00	70818	15	192	4.282	145.8	12.27	6.508	139.3	7.661	9.03	136.5	5.483	22.17	22.35	22.16	0.183	-0.012	58.36	13.63	1.491	891	0
7/11/2014 1:15	70819	15	192	4.349	148.9	12.76	6.577	141.4	9.38	9.25	137.8	6.044	21.88	22.05	21.87	0.171	-0.015	60.73	13.97	1.484	891	0
7/11/2014 1:30	70820	15	192	3.685	148.1	13.32	5.661	141.8	8.41	8.15	138.3	6.027	21.64	21.84	21.67	0.195	0.029	62.95	14.3	1.415	891	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/11/2014 1:45	70821	15	192	2.375	140	12.71	3.743	132.7	8.36	5.65	131.6	5.298	21.17	21.49	21.44	0.317	0.265	64.38	14.2	1.137	891	0
7/11/2014 2:00	70822	15	192	1.953	139.5	12.92	3.164	133.2	9.22	5.079	132.7	6.978	20.76	21.2	21.19	0.441	0.433	66.04	14.2	1.035	891	0
7/11/2014 2:15	70823	15	192	2.069	135.5	10.67	3.522	131.3	7.211	5.511	130.4	5.11	20.4	20.94	21.03	0.534	0.628	68.1	14.34	1.252	891	0
7/11/2014 2:30	70824	15	192	2.121	130.2	10.57	3.779	124.8	5.721	5.998	126.7	4.364	19.98	20.59	20.86	0.601	0.876	70.54	14.48	1.175	891	0
7/11/2014 2:45	70825	15	192	2.233	128.5	11.11	3.796	122.9	6.479	6.362	123.6	3.543	19.9	20.34	20.7	0.436	0.795	71.75	14.67	1.243	891	0
7/11/2014 3:00	70826	15	192	2.034	128.7	11.35	3.549	121.6	6.172	6.386	121.8	3.205	19.66	20.12	20.51	0.46	0.849	72.95	14.69	1.273	891	0
7/11/2014 3:15	70827	15	192	1.931	127.2	11.1	3.461	119.3	6.051	6.509	119.2	3.045	19.34	19.85	20.31	0.505	0.967	74.59	14.73	1.235	891	0
7/11/2014 3:30	70828	15	192	2.384	131.1	11.09	4.049	124.2	5.523	6.998	124.1	2.829	19.27	19.7	20.14	0.428	0.869	75.36	14.82	1.245	891	0
7/11/2014 3:45	70829	15	192	2.406	132.1	10.14	4.143	125.4	5.337	7.115	126.3	2.5	19	19.45	20.06	0.452	1.057	76.86	14.87	1.235	891	0
7/11/2014 4:00	70830	15	192	2.377	126.4	11.11	4.33	121.8	5.574	7.032	124.9	3.091	18.82	19.32	19.92	0.5	1.095	78.17	14.95	1.176	891	0
7/11/2014 4:15	70831	15	192	2.736	127.9	10.56	4.803	120.9	5.652	7.676	122.9	2.648	18.87	19.3	19.82	0.423	0.941	78.77	15.12	1.25	891	0
7/11/2014 4:30	70832	15	192	2.98	125.4	11.25	5.093	119.5	5.751	8.2	122.5	2.134	18.8	19.15	19.69	0.352	0.888	79.25	15.14	1.364	891	0
7/11/2014 4:45	70833	15	192	2.774	121.5	11.15	4.885	117.2	5.276	8.03	121.6	1.522	18.47	18.86	19.62	0.392	1.144	80.8	15.13	1.681	891	0
7/11/2014 5:00	70834	15	192	2.79	121	10.76	4.839	116.1	5.486	8.22	123.4	1.674	18.38	18.73	19.56	0.352	1.184	81.7	15.21	3.6	891	0
7/11/2014 5:15	70835	15	192	2.618	113.5	11.94	4.5	109.8	7.194	7.732	119.3	3.204	18.37	18.66	19.33	0.285	0.958	81.8	15.23	15.03	891	0
7/11/2014 5:30	70836	15	192	2.701	113.1	12.77	4.347	108.1	7.364	7.868	117.9	2.616	18.52	18.66	19.17	0.141	0.649	81.6	15.32	46.95	891	0
7/11/2014 5:45	70837	15	192	2.581	111.5	12.85	3.957	106.6	8.19	6.809	109.3	4.231	18.92	18.89	18.96	-0.032	0.04	80.1	15.42	93	891	0
7/11/2014 6:00	70838	15	192	2.962	119.1	13.24	4.544	113.5	7.502	7.074	110.8	4.631	19.5	19.31	19.1	-0.195	-0.409	77.94	15.57	148.6	891	0
7/11/2014 6:15	70839	15	192	3.535	122.9	12.7	5.247	117.8	7.189	6.78	116.4	5.175	19.98	19.64	19.2	-0.343	-0.782	76.58	15.76	208.8	891	0
7/11/2014 6:30	70840	15	192	3.585	133	12.84	5.141	125.3	7.682	6.181	121.1	6.297	20.55	20.08	19.55	-0.471	-1.004	75.32	16.05	272.4	892	0
7/11/2014 6:45	70841	15	192	3.987	131.8	12.71	5.716	124.9	7.263	6.982	122.7	5.185	21.1	20.49	19.86	-0.608	-1.24	73.78	16.26	337.4	892	0
7/11/2014 7:00	70842	15	192	4.36	131.1	15.15	6.245	124.4	9.93	7.567	120.1	6.217	21.65	20.95	20.23	-0.7	-1.416	72.08	16.41	400.5	892	0
7/11/2014 7:15	70843	15	192	4.166	134.8	15.12	6.152	128.8	10.6	7.628	125.7	7.45	22.24	21.41	20.67	-0.83	-1.561	70.11	16.55	466.2	892	0
7/11/2014 7:30	70844	15	192	4.272	136.7	14.85	6.109	130.7	10.65	7.298	127.6	8.69	22.57	21.65	20.91	-0.923	-1.655	68.2	16.43	530.3	892	0
7/11/2014 7:45	70845	15	192	4.114	140.3	15.3	5.937	134	11.87	7.098	131.1	10.25	23.09	22.08	21.36	-1.008	-1.736	65.93	16.39	593.6	892	0
7/11/2014 8:00	70846	15	192	4.56	145.6	13.44	6.573	138.2	9.61	7.658	134.3	7.324	23.36	22.22	21.4	-1.136	-1.956	65.2	16.47	654.6	892	0
7/11/2014 8:15	70847	15	192	4.205	143.3	16.92	6.049	135.2	12.9	7.311	130.9	10.2	23.76	22.42	21.47	-1.337	-2.288	64.44	16.66	714.4	892	0
7/11/2014 8:30	70848	15	192	4.351	147.7	17.41	6.151	141.4	13.94	7.341	137.4	13.14	24.03	22.66	21.79	-1.376	-2.241	62.88	16.54	771.4	892	0
7/11/2014 8:45	70849	15	192	4.249	135.6	16.92	6.102	129.6	12.27	7.284	127.1	10.46	24.59	23.11	22.19	-1.479	-2.408	61.23	16.65	827	892	0
7/11/2014 9:00	70850	15	192	4.542	140.2	18.5	6.343	133.5	14.08	7.318	130.2	11.03	24.84	23.34	22.52	-1.505	-2.322	59.55	16.45	882	892	0
7/11/2014 9:15	70851	15	192	4.644	144.3	18.01	6.399	137.4	13.09	7.33	133.5	10.51	25.37	23.77	22.94	-1.595	-2.423	57.13	16.29	932	892	0
7/11/2014 9:30	70852	15	192	4.249	142.4	19.57	5.896	133.2	13.78	6.949	130.1	10.57	25.83	24.27	23.21	-1.565	-2.621	55.11	16.15	979	892	0
7/11/2014 9:45	70853	15	192	4.494	137.9	20.69	6.323	132.2	16.8	7.232	131.1	14.53	26.36	24.61	23.73	-1.748	-2.634	52.84	15.98	1022	892	0
7/11/2014 10:00	70854	15	192	4.457	146	20.07	5.957	139.1	15.54	6.92	137.3	12.43	26.77	25.12	24.08	-1.65	-2.692	49.23	15.26	1068	892	0
7/11/2014 10:15	70855	15	192	4.245	138.5	18.95	5.694	132.4	13.87	6.647	131.5	11.11	27.19	25.44	24.52	-1.748	-2.67	49.15	15.62	1070	892	0
7/11/2014 10:30	70856	15	192	4.231	141.9	19.29	5.696	136.4	14.73	6.568	134.4	10.97	27.8	25.94	24.89	-1.859	-2.908	46.44	15.29	1135	892	0
7/11/2014 10:45	70857	15	192	4.144	151.6	19.15	5.754	146	16.23	6.859	141.3	13.33	28.41	26.45	25.36	-1.952	-3.045	44.05	15.01	1163	892	0
7/11/2014 11:00	70858	15	192	4.156	137.9	19.48	5.703	131.6	18.32	6.408	127.6	17.34	28.76	26.75	25.82	-2.012	-2.939	43.63	15.19	1184	892	0
7/11/2014 11:15	70859	15	192	4.168	132.6	18.53	5.786	127.8	12.94	6.539	124.7	10.33	28.97	26.84	26	-2.129	-2.97	41.86	14.73	1210	892	0
7/11/2014 11:30	70860	15	192	3.267	145.9	22.45	4.237	137.3	18.84	5.078	133.7	15.65	29.35	27.56	26.51	-1.79	-2.833	40.56	14.57	1226	892	0
7/11/2014 11:45	70861	15	192	3.97	123.5	24.85	5.415	120.1	19	6.482	119	16.53	29.97	27.83	26.64	-2.139	-3.329	40.11	14.96	1268	891	0
7/11/2014 12:00	70862	15	192	3.929	134.3	25.08	5.227	128.9	19.68	5.98	125.4	15.93	29.61	27.61	26.63	-1.991	-2.973	39.93	14.56	1148	891	0
7/11/2014 12:15	70863	15	192	3.784	130.4	20.99	5.142	124	17.15	5.932	121.3	14.81	29.93	27.75	26.78	-2.184	-3.152	39.47	14.68	1280	891	0
7/11/2014 12:30	70864	15	192	3.984	140.5	27.65	5.294	134	22.37	6.301	127.8	14.15	30.07	28.09	27.1	-1.986	-2.969	38.88	14.57	1139	891	0
7/11/2014 12:45	70865	15	192	3.463	143.6	26.56	4.782	137.4	20.84	5.695	132.7	14.85	30.21	28.29	27.34	-1.922	-2.872	38.65	14.6	1218	891	0
7/11/2014 13:00	70866	15	192	3.848	136.2	25.57	5.294	128.7	22.24	6.058	126.5	20.1	30.93	28.88	27.83	-2.053	-3.107	36.6	14.4	1220	891	0
7/11/2014 13:15	70867	15	192	4.323	143.4	27.38	5.909	137.6	22.68	6.778	132.5	18.44	30.84	28.73	27.61	-2.11	-3.231	35.7	13.93	1194	891	0
7/11/2014 13:30	70868	15	192	3.987	148.5	25.9	5.325	140.6	20.15	6.02	136.7	16.35	30.83	28.83	27.9	-2.004	-2.935	34.67	13.47	1183	891	0
7/11/2014 13:45	70869	15	192	3.704	130.9	23.99	5.065	125.9	19.02	5.98	125.1	21.08	31.01	29.07	28.19	-1.931	-2.811	35.21	13.86	1114	890	0
7/11/2014 14:00	70870	15	192	3.663	125.8	27.14	4.866	120.8	23.36	5.867	117.6	17.51	31.19	29.33	28.22	-1.856	-2.961	34.52	13.71	1102	890	0
7/11/2014 14:15	70871	15	192	3.822	132.3	18.66	5.312	124.2	14.57	6.287	121.3	11.38	31.08	29.18	28.11	-1.901	-2.974	34.29	13.52	1088	890	0
7/11/2014 14:30	70872	15	192	4.283	115.3	19.69	5.895	111.3	14.61	6.98	107.4	10.39	31.28	29.43	28.42	-1.85	-2.857	34.35	13.72	1040	890	0
7/11/2014 14:45	70873	15	192	3.766	130.1	23.69	5.224	123.5	19.08	6.054	125.2	16.42	31.21	29.39	28.39	-1.815	-2.818	33.82	13.42	1004	890	0
7/11/2014 15:00	70874	15	192	3.917	149.4	27.52	5.294	143.4	24.69	6.147	138.9	22.01	31.33	29.59	28.63	-1.737	-2.702	33.15	13.22	976	890	0
7/11/2014 15:15	70875	15	192	4.238	121.4	24.33	5.891	115.2	19.65	6.987	110.4	17.69	31.38	29.73	28.7	-1.648	-2.675	34.06	13.68	909	890	0
7/11/2014 15:30	70876	15	192	4.353	138.9	21.02	5.996	132.6	17.49	6.945	124.7	16.87	31.31	29.64	28.69	-1.671	-2.621	33.74	13.48	872	889	0
7/11/2014 15:45	70877	15	192	4.144	133.3	19.24	5.745	126.1	15.6	6.997	121.2	14.34	31.24	29.75	28.7	-1.484	-2.534	34.09	13.57	746.1	889	0
7/11/2014 16:00	70878	15	192	4.02	123.9	20.33	5.463	117.8	15.94	6.658	115.2	10.1	30.78	29.54	28.55	-1.243	-2.23	34.4	13.31	648.2	889	0
7/11/2014 16:15	70879	15	192	4.88	125	20.81	6.913	119.4	16.29	8.64	115.7	15.21	31.21	29.82	28.72	-1.387	-2.493	34.46	13.71	726.3	889	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/11/2014 16:30	70880	15	192	4.543	135.1	19.06	6.425	129	16.2	7.745	125	16.84	30.84	29.68	28.77	-1.165	-2.077	34.6	13.45	571.2	889	0
7/11/2014 16:45	70881	15	192	6.04	130.2	15.77	8.69	125.2	11.23	10.57	120.6	8.86	29.83	28.92	28.09	-0.912	-1.738	38.3	14.12	406.9	889	0
7/11/2014 17:00	70882	15	192	5.298	147.1	18.16	7.735	140.4	15.59	9.5	136.1	14.45	30.18	29.18	28.31	-1.003	-1.872	37.33	14.04	506	889	0
7/11/2014 17:15	70883	15	192	5.475	137.5	16.48	7.86	131.8	12.54	9.57	127.7	9.5	29.77	28.91	28.1	-0.853	-1.663	38.01	13.95	410.7	889	0
7/11/2014 17:30	70884	15	192	5.823	140.8	17.73	8.54	134.7	13.14	11.09	130.9	10.81	29.31	28.52	27.57	-0.796	-1.739	40.96	14.7	379.3	889	0
7/11/2014 17:45	70885	15	192	5.962	132.7	13.85	8.69	127.3	9.35	10.63	124.9	6.943	28.56	27.9	27.11	-0.661	-1.45	42.46	14.58	298.5	889	0
7/11/2014 18:00	70886	15	192	5.85	137.5	13.85	8.88	131.5	9.74	10.99	127.6	8.47	27.98	27.43	26.71	-0.545	-1.263	44.24	14.69	231.9	889	0
7/11/2014 18:15	70887	15	192	5.709	142	14.54	8.29	136.6	10.91	10.23	132.9	9.19	27.39	26.98	26.34	-0.407	-1.047	45.84	14.72	168.4	890	0
7/11/2014 18:30	70888	15	192	5.251	145	13.68	7.879	138.9	9.73	9.81	135.2	7.069	27.03	26.75	26.18	-0.289	-0.854	47.31	14.88	110.3	890	0
7/11/2014 18:45	70889	15	192	5.151	140.3	14.19	7.612	134.8	10.06	9.45	132	7.458	26.67	26.51	26.04	-0.161	-0.626	47.87	14.73	58.72	890	0
7/11/2014 19:00	70890	15	192	5.019	139.5	12.43	7.353	133.1	7.627	9.61	129	5.552	26.34	26.27	25.87	-0.064	-0.471	49.05	14.81	21.16	890	0
7/11/2014 19:15	70891	15	192	4.807	138	12.35	7.087	132.7	8.73	9.29	128.7	5.828	25.98	25.97	25.62	0	-0.356	50.94	15.06	4.625	891	0
7/11/2014 19:30	70892	15	192	4.394	141.6	12.28	6.727	134.7	7.582	8.78	131	5.281	25.75	25.8	25.49	0.05	-0.266	52.02	15.18	1.727	891	0
7/11/2014 19:45	70893	15	192	4.095	143.4	13.86	6.119	138.6	8.63	8.4	135.1	5.858	25.54	25.61	25.33	0.066	-0.217	53.24	15.35	1.379	891	0
7/11/2014 20:00	70894	15	192	4.015	141.1	13.24	6.024	134.1	8.63	8.12	130.4	5.794	25.39	25.48	25.21	0.086	-0.181	54.34	15.53	1.424	891	0
7/11/2014 20:15	70895	15	192	4.139	143.5	12.46	6.053	136.8	8.99	8.3	134.1	5.781	25.3	25.38	25.13	0.079	-0.174	54.97	15.62	1.485	891	0
7/11/2014 20:30	70896	15	192	5.493	149.4	12.77	8.41	143.5	8.5	10.74	138.8	6.445	25.03	25.03	24.66	-0.001	-0.372	59.29	16.55	1.761	892	0
7/11/2014 20:45	70897	15	192	5.175	151.1	13.14	7.531	144.1	9.07	10.24	140.4	6.172	24.56	24.56	24.23	0.007	-0.33	61.05	16.57	1.674	892	0
7/11/2014 21:00	70898	15	192	5.233	145.5	12.55	7.71	139.6	8.16	10.15	137.1	5.363	24.3	24.32	24	0.025	-0.302	61.72	16.5	1.507	892	0
7/11/2014 21:15	70899	15	192	4.893	150.4	13.32	7.295	144.4	8.16	9.79	140	5.809	24.03	24.05	23.72	0.025	-0.301	63.47	16.68	1.406	892	0
7/11/2014 21:30	70900	15	192	4.695	144.2	13.28	7.112	138.9	8.99	9.61	134	6.635	23.63	23.65	23.31	0.021	-0.319	66.01	16.93	1.74	893	0
7/11/2014 21:45	70901	15	192	4.199	137.7	12.82	6.28	132	8.42	8.68	127.7	5.952	23.22	23.26	22.96	0.036	-0.262	67.61	16.91	1.283	893	0
7/11/2014 22:00	70902	15	192	4.05	133.8	12.25	5.951	129.1	7.813	7.988	124.7	5.71	22.87	22.92	22.64	0.055	-0.228	68.74	16.84	1.45	893	0
7/11/2014 22:15	70903	15	192	3.615	132.3	12.3	5.358	126.9	8.11	7.421	124.9	6.305	22.61	22.69	22.44	0.082	-0.163	68.32	16.49	1.233	893	0
7/11/2014 22:30	70904	15	192	3.295	134.1	12.14	5.02	127.9	8.58	6.634	125.2	7.618	22.41	22.53	22.29	0.12	-0.121	67.53	16.12	1.181	893	0
7/11/2014 22:45	70905	15	192	3.15	131	12.57	4.631	124.6	7.43	6.324	122.3	6.161	22.21	22.34	22.11	0.131	-0.096	68.05	16.05	1.2	893	0
7/11/2014 23:00	70906	15	192	2.838	123.5	12.65	4.44	118.3	7.318	6.515	116	4.867	21.9	22.05	21.9	0.155	0.003	69.21	16.02	1.156	893	0
7/11/2014 23:15	70907	15	192	3.129	121.4	12.26	4.775	115.9	7.153	6.816	113.6	4.74	21.75	21.9	21.75	0.144	-0.008	69.84	16.02	1.294	893	0
7/11/2014 23:30	70908	15	192	3.593	123.1	12.14	5.488	117.4	7.481	7.618	115.3	5.352	21.67	21.79	21.61	0.124	-0.059	70.55	16.1	1.369	893	0
7/11/2014 23:45	70909	15	192	3.711	129.6	11.69	5.533	122.8	6.425	7.353	120.2	4.948	21.69	21.79	21.56	0.096	-0.129	71.71	16.38	1.232	893	0
7/12/2014 0:00	70910	15	193	3.612	128	11.99	5.398	122.1	8.19	7.721	119.1	4.981	21.61	21.71	21.51	0.102	-0.093	73.02	16.58	1.314	893	0
7/12/2014 0:15	70911	15	193	3.643	137.8	12.24	5.41	130.6	7.872	7.696	125.8	5.848	21.65	21.74	21.51	0.092	-0.139	75.02	17.05	1.309	892	0
7/12/2014 0:30	70912	15	193	3.241	136.7	13.23	4.932	129.5	8.18	6.961	126	6.385	21.6	21.74	21.56	0.133	-0.042	75.56	17.12	1.271	893	0
7/12/2014 0:45	70913	15	193	3.279	124.7	13.71	4.942	120.6	8.31	7.255	117.1	5.48	21.41	21.55	21.37	0.135	-0.042	75.85	16.99	1.208	892	0
7/12/2014 1:00	70914	15	193	3.369	136.2	12.15	4.925	128.5	7.459	7.18	124.8	5.608	21.44	21.51	21.29	0.074	-0.148	77.55	17.37	1.492	892	0
7/12/2014 1:15	70915	15	193	2.913	133.6	12.81	4.398	127.2	8.79	6.378	122.5	6.549	21.46	21.52	21.28	0.063	-0.183	77.53	17.38	1.249	892	0
7/12/2014 1:30	70916	15	193	2.827	133.2	13.59	4.435	125.9	8.03	6.46	121.9	5.228	21.3	21.42	21.2	0.116	-0.104	78.2	17.37	1.182	892	0
7/12/2014 1:45	70917	15	193	2.678	133.5	12.94	4.051	127.4	9.25	5.907	123.1	6.155	21.16	21.26	21.02	0.103	-0.137	78.41	17.27	0.99	892	0
7/12/2014 2:00	70918	15	193	2.62	131.8	11.69	4.099	126.2	7.335	6.124	123.1	4.515	20.87	21.05	20.9	0.172	0.031	79.57	17.23	1.061	892	0
7/12/2014 2:15	70919	15	193	2.487	131.4	12.04	4.002	126.1	7.408	6.01	121.6	4.547	20.7	20.89	20.76	0.188	0.064	80.2	17.19	1.106	892	0
7/12/2014 2:30	70920	15	193	2.212	127	14.85	3.489	122.1	9.58	5.633	117.6	6.144	20.51	20.71	20.61	0.197	0.101	80.8	17.11	0.932	892	0
7/12/2014 2:45	70921	15	193	1.99	123.3	13.61	3.253	117.7	8.28	5.396	114.8	4.263	20.21	20.42	20.32	0.209	0.111	81.5	16.95	1.067	892	0
7/12/2014 3:00	70922	15	193	1.674	112.5	13.36	2.737	110.2	9.25	5.221	109.7	4.741	19.91	20.15	20.19	0.244	0.279	82.3	16.81	0.944	892	0
7/12/2014 3:15	70923	15	193	1.531	105	11.85	2.626	104.6	7.224	5.102	106.8	2.958	19.67	19.97	20.08	0.298	0.416	83.2	16.76	1.024	892	0
7/12/2014 3:30	70924	15	193	0.905	100.2	16.62	1.795	100.2	10.67	4.24	103.3	4.515	19.37	19.75	19.87	0.382	0.502	84.3	16.66	0.845	892	0
7/12/2014 3:45	70925	15	193	1.15	100.1	12.75	2.193	100.6	8.23	4.652	106.6	4.171	19.22	19.63	19.83	0.416	0.618	85	16.66	0.77	893	0
7/12/2014 4:00	70926	15	193	0.965	112.8	15.22	1.949	110.4	9.42	4.389	110.6	3.822	19.36	19.61	19.77	0.252	0.409	84.7	16.73	0.945	893	0
7/12/2014 4:15	70927	15	193	1.037	101.4	12.83	2.053	102.9	8.31	4.056	107.7	4.099	19.17	19.55	19.62	0.376	0.444	84.5	16.51	0.776	893	0
7/12/2014 4:30	70928	15	193	1.239	113.4	12.67	2.383	109	7.939	4.794	110.9	3.277	18.96	19.4	19.6	0.436	0.631	85	16.41	1.025	893	0
7/12/2014 4:45	70929	15	193	1.832	119.4	12.83	3.078	113.4	7.38	5.643	110.2	3.14	19.14	19.46	19.6	0.316	0.457	83.8	16.36	1.059	893	0
7/12/2014 5:00	70930	15	193	2.238	118.6	12.03	3.649	113.2	6.917	6.24	111.3	2.924	19.25	19.46	19.52	0.205	0.262	82.3	16.18	3.306	893	0
7/12/2014 5:15	70931	15	193	2.203	113.8	12.19	3.449	109.7	7.806	6.058	110	3.473	19.32	19.43	19.44	0.113	0.127	81.9	16.17	13.35	893	0
7/12/2014 5:30	70932	15	193	2.669	113.5	12.63	4.189	109.8	7.472	6.49	110.6	3.515	19.68	19.66	19.53	-0.015	-0.149	80.3	16.21	28.49	893	0
7/12/2014 5:45	70933	15	193	3.134	123.4	14.78	4.641	117.4	8.04	6.379	115.6	5.97	20.28	20.08	19.72	-0.197	-0.559	77.6	16.25	60.25	893	0
7/12/2014 6:00	70934	15	193	3.258	124	12.84	4.816	118.3	8.63	6.089	118.6	6.822	20.6	20.41	19.99	-0.192	-0.614	76.07	16.25	64.77	893	0
7/12/2014 6:15	70935	15	193	3.437	134.9	14.71	5.218	128.8	9.28	6.605	127.3	7.107	21.08	20.83	20.37	-0.249	-0.71	75.03	16.5	79.79	893	0
7/12/2014 6:30	70936	15	193	3.826	140.6	12.77	5.525	134.2	8.23	6.954	131.2	6.167	21.38	21.12	20.62	-0.259	-0.753	74.54	16.68	89.7	893	0
7/12/2014 6:45	70937	15	193	4.174	141.7	13.69	6.388	135.6	8.94	7.988	131.5	5.624	21.65	21.29	20.73	-0.357	-0.914	73.95	16.82	145.3	893	0
7/12/2014 7:00	70938	15	193	4.235	143.7	14.05	6.207	137.1	8.83	7.49	133.5	5.848	21.96	21.52	20.97	-0.438	-0.997	72.95	16.91	215	893	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/12/2014 7:15	70939	15	193	4.428	144.8	13.82	6.446	138.2	8.93	7.591	135.8	5.221	22.54	21.78	21.17	-0.756	-1.37	71.67	17.18	445.6	893	0
7/12/2014 7:30	70940	15	193	4.167	145.6	14.97	5.913	140.3	10.24	7.046	137.2	7.124	23.35	22.49	21.75	-0.859	-1.6	68.74	17.3	445.4	893	0
7/12/2014 7:45	70941	15	193	3.99	162.3	14.74	5.41	155.7	10.57	6.246	153.5	8.59	24.2	23.1	22.26	-1.097	-1.946	65.88	17.44	642.4	893	0
7/12/2014 8:00	70942	15	193	3.687	162.2	16.01	5.137	156.2	11.48	6.068	152.8	7.758	24.6	23.38	22.49	-1.216	-2.103	63.85	17.32	636.3	893	0
7/12/2014 8:15	70943	15	193	3.339	163.1	15.98	4.53	157.5	11.33	5.257	155.8	8.7	24.97	23.68	22.92	-1.288	-2.051	62.62	17.36	694.1	893	0
7/12/2014 8:30	70944	15	193	3.259	172.5	19.22	4.352	165.7	15.94	5.113	164.2	15.46	25.66	24.27	23.41	-1.387	-2.249	59.83	17.29	776.1	893	0
7/12/2014 8:45	70945	15	193	3.092	170.5	22.33	4.136	165.7	18.53	4.822	161	14.94	25.81	24.51	23.7	-1.299	-2.107	58.38	17.04	657.8	893	0
7/12/2014 9:00	70946	15	193	2.914	174.5	25.34	3.637	170	19.44	4.22	165.8	14.41	26.24	24.92	24.11	-1.321	-2.139	57.39	17.18	919	893	0
7/12/2014 9:15	70947	15	193	2.716	177.5	27.47	3.59	171.3	26.61	4.225	169	24.02	26.25	25.1	24.38	-1.141	-1.868	55.87	16.75	503.4	893	0
7/12/2014 9:30	70948	15	193	2.697	197.2	19.37	3.486	189.4	17.37	4.193	186.5	12.43	26.36	25.41	24.61	-0.949	-1.747	55.76	16.83	431.2	893	0
7/12/2014 9:45	70949	15	193	2.104	189.3	24.42	2.759	182.6	18.54	3.594	178.3	17.49	26.63	25.72	25.02	-0.904	-1.61	54.96	16.85	511.3	893	0
7/12/2014 10:00	70950	15	193	2.732	171.1	23.79	3.496	166	18.98	4.036	163.5	17	27.82	26.36	25.42	-1.452	-2.395	51.2	16.83	1046	893	0
7/12/2014 10:15	70951	15	193	2.538	177.2	28.09	3.338	175	19.13	3.782	176.5	17.2	27.68	26.37	25.58	-1.305	-2.099	50.34	16.44	837	893	0
7/12/2014 10:30	70952	15	193	2.281	180.9	44.1	2.943	173.3	41.27	3.468	171.7	33.88	28.17	26.9	26.06	-1.273	-2.105	49.83	16.73	1013	893	0
7/12/2014 10:45	70953	15	193	2.623	185	33.67	3.314	180.6	31.08	3.746	184.7	23.55	28.96	27.46	26.56	-1.5	-2.398	46.77	16.45	1157	893	0
7/12/2014 11:00	70954	15	193	2.711	220.3	26.25	3.508	210.2	25.42	3.937	200.8	21.74	29.16	27.74	26.84	-1.424	-2.318	45.9	16.34	1043	893	0
7/12/2014 11:15	70955	15	193	2.727	185.2	33.59	3.516	175.8	28.11	4.063	170.3	24.34	29.68	28.19	27.23	-1.496	-2.456	44.98	16.49	1075	893	0
7/12/2014 11:30	70956	15	193	2.493	159.3	32.54	3.258	152.2	27.21	3.813	144.2	22.98	29.71	28.33	27.57	-1.384	-2.141	43.15	15.87	758.5	893	0
7/12/2014 11:45	70957	15	193	2.39	176.5	32.21	2.99	173.3	35.48	3.493	170.4	31.46	29.97	28.7	27.77	-1.275	-2.199	43.14	16.1	1201	892	0
7/12/2014 12:00	70958	15	193	3.156	175.6	28.79	4.094	166.7	28.45	4.983	161.8	26.74	30.87	29.2	28.26	-1.67	-2.608	40.31	15.84	1028	892	0
7/12/2014 12:15	70959	15	193	2.482	159	31.81	3.332	152.2	22.37	4.157	150.7	18.59	30.29	29.04	28.26	-1.253	-2.033	40.5	15.4	622.1	892	0
7/12/2014 12:30	70960	15	193	2.626	178.1	46.14	3.474	164.8	38.41	4.376	163.9	24.15	31.12	29.71	28.89	-1.407	-2.226	38.82	15.47	926	892	0
7/12/2014 12:45	70961	15	193	3.159	178.3	34.62	4.112	170	29.95	4.922	162.4	27.51	31.16	29.9	29.2	-1.259	-1.953	37.57	15	611.3	892	0
7/12/2014 13:00	70962	15	193	3.073	175.7	28.88	4.094	170.9	25.76	4.849	163.7	22.2	32.08	30.47	29.5	-1.609	-2.577	35.69	15.01	1090	891	0
7/12/2014 13:15	70963	15	193	2.981	208.9	22.94	3.802	202.3	19.41	4.314	194.1	15.15	31.79	30.46	29.62	-1.331	-2.163	35.19	14.54	709.9	891	0
7/12/2014 13:30	70964	15	193	2.921	157	26.02	3.983	154.9	24.19	4.78	155	22.96	31.49	30.48	29.7	-1.019	-1.793	35.51	14.42	364.4	891	0
7/12/2014 13:45	70965	15	193	2.923	175.4	35.87	4.098	170.4	31.04	4.961	165.5	20.26	31.75	30.56	29.83	-1.191	-1.92	35.19	14.5	670.4	891	0
7/12/2014 14:00	70966	15	193	2.813	187.5	30.32	3.562	183	27.07	4.083	181.4	21.04	31.96	30.96	30.09	-0.998	-1.873	33.51	13.93	510.1	891	0
7/12/2014 14:15	70967	15	193	2.574	194.6	33.06	3.386	186	26.46	4.11	176.5	22.75	32.14	31.11	30.35	-1.036	-1.796	33.38	14.03	608.6	891	0
7/12/2014 14:30	70968	15	193	3.479	161.2	21.51	4.654	154.8	18.28	5.433	149.5	14.92	32	31.08	30.32	-0.92	-1.68	34.4	14.38	430.9	891	0
7/12/2014 14:45	70969	15	193	3.427	152.8	21.54	4.723	149.3	15.96	5.766	148	12.02	32.32	31.16	30.4	-1.158	-1.922	33.64	14.31	546.6	891	0
7/12/2014 15:00	70970	15	193	3.612	145.7	18.35	5.063	139.5	12.19	5.864	137.4	10.98	32.06	31.09	30.47	-0.969	-1.591	34.51	14.48	482.4	890	0
7/12/2014 15:15	70971	15	193	4.313	142.8	26.19	6.01	138.7	22.73	7.361	136.3	18.35	33.05	31.77	30.83	-1.279	-2.218	32.46	14.39	671.2	890	0
7/12/2014 15:30	70972	15	193	4.444	140.9	16.53	6.181	133.9	13.47	7.148	130.5	11.13	32.94	31.7	30.79	-1.242	-2.146	32.35	14.24	696.6	890	0
7/12/2014 15:45	70973	15	193	4.184	144.3	17.89	5.863	137.2	14.46	7.11	134.1	10.56	32.41	31.61	30.86	-0.798	-1.549	32.38	13.8	301.5	890	0
7/12/2014 16:00	70974	15	193	3.647	204.4	36.71	4.984	195.8	39.38	6.195	190.5	39.1	31.28	30.57	29.8	-0.705	-1.481	36.35	14.5	306.5	890	0
7/12/2014 16:15	70975	15	193	4.202	226.9	17.99	5.669	223.8	14.86	6.731	225.4	11.64	30.31	29.63	28.94	-0.682	-1.377	41.2	15.69	303.3	890	0
7/12/2014 16:30	70976	15	193	4.504	238.9	14.72	6.382	234.2	12.22	7.691	229.8	9.39	29.62	29.11	28.43	-0.504	-1.188	41.95	15.34	164.3	891	0
7/12/2014 16:45	70977	15	193	5.905	213	12.3	8.3	208.2	8.77	10.39	205.2	6.185	28.05	27.54	26.81	-0.513	-1.24	48.38	16.12	125.8	891	0
7/12/2014 17:00	70978	15	193	5.59	198.6	14.78	8.12	191.8	11.74	9.99	188	10.29	26.77	26.25	25.64	-0.521	-1.124	54.36	16.81	90.7	891	0
7/12/2014 17:15	70979	15	193	6.355	171.9	13.08	9.21	165.1	9.4	11.79	164.2	7.15	25.06	24.86	24.3	-0.204	-0.76	64.14	17.74	63.43	891	0
7/12/2014 17:30	70980	15	193	5.045	164.7	11.95	7.452	158.9	8.11	9.16	163	6.853	23.21	23.39	23.37	0.177	0.162	76.74	18.92	37.88	892	0.254
7/12/2014 17:45	70981	15	193	3.027	170.3	11.92	4.624	166	9.13	7.161	171.8	6.043	22.94	23.36	23.56	0.426	0.621	79.1	19.14	22.17	891	0.254
7/12/2014 18:00	70982	15	193	2.149	119.9	33.15	3.318	121.5	29.14	4.851	138.7	27.2	22.64	22.98	23.29	0.333	0.644	83.2	19.67	21.07	891	0
7/12/2014 18:15	70983	15	193	2.039	128.5	14.2	3.492	128.1	9.55	5.127	143.7	8.17	23.23	23.91	24.45	0.681	1.224	77.62	19.11	31.35	891	0
7/12/2014 18:30	70984	15	193	2.124	124.7	12.61	3.647	123.5	7.754	6.015	136.5	5.336	23.45	24.06	24.89	0.616	1.448	77.08	19.21	33.28	891	0
7/12/2014 18:45	70985	15	193	2.001	148	12.65	3.517	141.8	7.806	5.948	146.9	4.837	23.67	24.21	24.88	0.543	1.207	74.37	18.86	35.44	891	0
7/12/2014 19:00	70986	15	193	1.662	152.7	10.84	3.166	150.1	5.453	5.157	157.2	4.569	23.5	24.25	24.77	0.75	1.263	74.17	18.65	10.56	891	0
7/12/2014 19:15	70987	15	193	1.344	155.1	12.66	2.783	154.2	8.05	4.58	163.6	5.068	22.95	23.8	24.34	0.848	1.389	78.41	19.01	3.498	891	0
7/12/2014 19:30	70988	15	193	1.116	170.8	12.39	2.495	163.3	4.911	4.71	169	2.425	22.75	23.56	24.11	0.808	1.355	80.1	19.17	1.083	891	0
7/12/2014 19:45	70989	15	193	0.843	254.7	23.91	1.503	229.2	31.89	2.893	203.7	26.66	22.78	23.36	23.58	0.581	0.802	81.3	19.43	0.844	891	0
7/12/2014 20:00	70990	15	193	0.695	208.4	16.56	1.37	219.8	10.67	2.189	217.8	10.06	22.89	23.76	23.59	0.869	0.7	80.1	19.3	0.693	891	0
7/12/2014 20:15	70991	15	193	0.957	197.5	10.57	2.055	209	5.06	3.03	202.9	5.769	22.37	23.59	23.51	1.213	1.137	82.9	19.34	0.774	892	0
7/12/2014 20:30	70992	15	193	0.928	153	22.7	1.948	180.3	12.65	2.93	181.4	9.14	21.88	23.37	23.43	1.492	1.546	86.6	19.57	0.886	892	0
7/12/2014 20:45	70993	15	193	1.141	150.3	7.902	2.477	160.8	7.113	3.637	168.9	5.961	21.72	23.36	23.59	1.633	1.87	88.3	19.72	0.824	892	0
7/12/2014 21:00	70994	15	193	1.366	139.7	10.78	3.093	143.3	6.523	4.423	157.5	3.834	21.68	22.92	23.47	1.237	1.788	87.7	19.57	0.954	892	0
7/12/2014 21:15	70995	15	193	1.353	140.7	9.87	3.059	140.3	4.594	4.833	161.6	3.138	21.5	22.69	23.5	1.198	2	87.3	19.31	1.041	892	0
7/12/2014 21:30	70996	15	193	1.71	149.6	9.57	3.652	148.1	3.748	5.518	166.2	2.44	21.58	22.71	23.73	1.122	2.145	84.8	18.92	1.113	892	0
7/12/2014 21:45	70997	15	193	2.052	144.6	11.73	3.767	138.6	6.43	6.165	151.5	5.242	21.51	22.2	23.54	0.687	2.022	84.8	18.86	1.277	892	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/12/2014 22:00	70998	15	193	1.64	149	11.64	3.317	145.8	5.859	6.352	156.7	1.561	21.34	22.05	23.74	0.707	2.395	85.7	18.86	1.235	892	0
7/12/2014 22:15	70999	15	193	1.264	130.4	9.82	2.777	126.3	7.557	5.839	150.4	1.853	20.87	21.59	23.63	0.716	2.756	88.3	18.88	1.11	893	0
7/12/2014 22:30	71000	15	193	1.047	126.4	10.24	2.753	121.3	3.472	5.713	146.3	1.94	20.64	21.57	23.62	0.926	2.986	90.4	19.03	1.039	893	0
7/12/2014 22:45	71001	15	193	1.55	112.7	9.74	3.512	115.2	3.578	6.02	133.1	4.354	20.84	21.95	23.6	1.11	2.759	89	18.97	1.047	893	0
7/12/2014 23:00	71002	15	193	1.592	116.5	10.99	3.346	116.6	5.727	6.165	127.6	3.353	21.26	22.22	23.41	0.963	2.15	85.2	18.69	1.212	893	0
7/12/2014 23:15	71003	15	193	1.728	121.1	11.68	3.439	119.9	6.017	6.32	128	3.185	21.49	22.37	23.25	0.873	1.756	82.1	18.33	1.278	893	0
7/12/2014 23:30	71004	15	193	1.648	127.5	9.83	3.471	123.5	4.169	6.392	126.3	2.045	21.19	22.06	23.07	0.869	1.877	82.5	18.11	1.054	893	0
7/12/2014 23:45	71005	15	193	1.981	126.1	11	3.946	122.8	4.798	7.145	127.7	3.217	21.14	22.02	23.17	0.881	2.03	82.6	18.07	1.145	893	0
7/13/2014 0:00	71006	15	194	2.51	129.1	10.6	4.554	125.2	5.663	8.02	129.5	2.731	21.4	22.1	23.15	0.7	1.743	78.51	17.53	1.267	893	0
7/13/2014 0:15	71007	15	194	2.679	129.9	10.92	4.639	125.7	5.595	8.27	129.5	3.075	21.52	22.12	23.09	0.604	1.566	76.1	17.15	1.255	893	0
7/13/2014 0:30	71008	15	194	2.818	133.6	10.69	4.681	128.9	6.314	8.38	132.2	3.297	21.55	22.13	23.01	0.583	1.455	74.7	16.89	1.478	893	0
7/13/2014 0:45	71009	15	194	2.739	132.4	10.93	4.715	127.8	6.452	8.2	131.8	3.195	21.53	22.11	22.91	0.579	1.384	73.48	16.6	1.617	893	0
7/13/2014 1:00	71010	15	194	2.479	131	11.22	4.227	127.1	6.152	7.424	129.7	3.528	21.42	22.04	22.8	0.628	1.389	73.66	16.53	1.357	893	0
7/13/2014 1:15	71011	15	194	2.414	126.9	12.39	4.225	123.5	7.3	7.43	127	4.979	21.35	21.99	22.78	0.649	1.431	73.35	16.4	1.354	893	0
7/13/2014 1:30	71012	15	194	2.212	117.9	12.05	3.965	114.3	6.598	7.359	118	3.503	21.14	21.77	22.6	0.63	1.459	74.74	16.5	1.083	893	0
7/13/2014 1:45	71013	15	194	2.301	115.8	12.12	3.976	112.4	6.873	7.264	115.8	4.122	21.14	21.69	22.41	0.548	1.268	74.35	16.41	1.118	893	0
7/13/2014 2:00	71014	15	194	2.465	104.3	10.99	4.163	102.8	6.733	7.534	110.2	2.988	20.91	21.42	22.25	0.51	1.34	75.27	16.39	1.186	893	0
7/13/2014 2:15	71015	15	194	2.604	101.2	11.55	4.273	98	6.743	7.905	104.9	3.643	20.47	20.91	21.88	0.439	1.409	77.4	16.4	1.347	893	0
7/13/2014 2:30	71016	15	194	2.898	108.4	11.73	4.759	104.8	6.769	8.33	107.2	2.925	20.66	21.08	21.74	0.419	1.077	75.67	16.23	1.337	893	0
7/13/2014 2:45	71017	15	194	2.794	111.8	11.25	4.589	107.7	6.595	8.1	109.7	2.718	20.62	21.04	21.67	0.416	1.046	75.34	16.12	1.029	893	0
7/13/2014 3:00	71018	15	194	2.786	111.4	11.28	4.58	107.2	6.067	7.938	110.3	2.226	20.4	20.82	21.54	0.42	1.141	76.64	16.17	1.229	893	0
7/13/2014 3:15	71019	15	194	2.523	108.4	11.05	4.318	105.1	6.122	7.685	108.5	1.912	20.13	20.6	21.42	0.466	1.289	78.07	16.21	1.197	893	0
7/13/2014 3:30	71020	15	194	2.765	104.5	10.91	4.656	101.5	6.481	8.09	106.7	3.015	20.11	20.56	21.44	0.448	1.326	78.28	16.23	1.322	893	0
7/13/2014 3:45	71021	15	194	3.037	104.5	11.1	4.92	101.1	6.259	8.41	106.4	2.755	20.18	20.58	21.38	0.41	1.203	77.6	16.15	1.307	893	0
7/13/2014 4:00	71022	15	194	2.631	109.8	13.49	4.411	105.4	8.06	7.865	108	3.604	20.05	20.44	21.15	0.395	1.103	77.92	16.09	1.276	893	0
7/13/2014 4:15	71023	15	194	2.426	111.1	12.43	4.05	108	7.34	7.399	110.5	3.6	19.93	20.36	21.09	0.433	1.161	78.48	16.09	1.287	893	0
7/13/2014 4:30	71024	15	194	2.574	111.4	11.4	4.336	109	6.238	7.518	111	2.928	19.99	20.47	21.07	0.473	1.074	78.82	16.22	1.233	893	0
7/13/2014 4:45	71025	15	194	2.298	108	11.59	3.946	105.8	6.601	7.152	109.4	2.806	19.93	20.39	21.02	0.457	1.085	79.07	16.21	1.292	893	0
7/13/2014 5:00	71026	15	194	2.243	94.2	10.51	3.759	94.2	6.518	7.099	103	2.826	19.7	20.16	20.95	0.458	1.242	80.1	16.2	3.011	893	0
7/13/2014 5:15	71027	15	194	2.135	100.2	10.88	3.664	98.7	6.773	7.421	105.6	3.158	19.44	19.86	20.98	0.426	1.541	81.3	16.17	11.88	893	0
7/13/2014 5:30	71028	15	194	2.873	110.4	11.66	4.703	106.1	6.988	8.59	109.6	3.078	19.9	20.21	21.1	0.303	1.196	79.35	16.24	36.24	893	0
7/13/2014 5:45	71029	15	194	2.641	110.2	13.57	4.213	105.9	8.22	7.821	109.7	3.855	20.24	20.41	20.89	0.163	0.644	77.51	16.2	76.9	893	0
7/13/2014 6:00	71030	15	194	3.07	114.9	12.62	4.604	111.3	7.601	7.45	112.6	3.367	20.62	20.59	20.69	-0.028	0.071	76.2	16.3	131.1	894	0
7/13/2014 6:15	71031	15	194	2.974	117.9	12.39	4.448	112.4	6.846	6.809	112.7	4.092	21.19	20.99	20.85	-0.191	-0.337	74.85	16.56	190.9	894	0
7/13/2014 6:30	71032	15	194	3.048	118.8	13.11	4.671	113.2	7.446	6.458	113.5	4.95	21.89	21.58	21.16	-0.318	-0.736	72.33	16.71	251.7	894	0
7/13/2014 6:45	71033	15	194	3.2	123.2	14.73	4.481	117.7	8.55	5.789	117.5	6.373	22.47	22.05	21.49	-0.425	-0.982	70.12	16.77	315.3	894	0
7/13/2014 7:00	71034	15	194	3.453	131.9	13.26	4.816	125.1	7.88	5.776	121.7	5.49	23.01	22.46	21.86	-0.549	-1.148	67.99	16.8	380.7	894	0
7/13/2014 7:15	71035	15	194	3.228	125.9	13.84	4.644	119.9	8.64	5.508	116.8	5.939	23.59	22.89	22.21	-0.706	-1.384	65.79	16.84	446.1	894	0
7/13/2014 7:30	71036	15	194	3.147	128.2	15.15	4.264	121.1	10.59	4.842	115.7	7.305	24.04	23.24	22.61	-0.801	-1.433	63.72	16.76	510.6	894	0
7/13/2014 7:45	71037	15	194	2.862	120.4	16.88	3.922	116.1	11.62	4.713	116.1	8.3	24.62	23.73	22.95	-0.887	-1.676	61.26	16.68	574.1	894	0
7/13/2014 8:00	71038	15	194	2.864	125.8	16.95	3.92	120.9	11.08	4.5	118.2	7.643	24.97	23.96	23.25	-1.013	-1.725	59.22	16.48	635.1	894	0
7/13/2014 8:15	71039	15	194	2.252	126.6	23.24	2.963	121.9	18.24	3.458	120.6	12.12	25.16	24.32	23.65	-0.845	-1.509	57.79	16.28	699	894	0
7/13/2014 8:30	71040	15	194	1.501	140	46.5	1.764	135.7	47.6	1.977	121.2	34.22	25.78	25.14	24.38	-0.646	-1.406	54.87	16.04	760.6	894	0
7/13/2014 8:45	71041	15	194	1.134	162.6	71.39	1.358	142.3	67.53	1.461	136.8	42.4	26.23	25.55	24.82	-0.68	-1.409	52.49	15.76	817	894	0
7/13/2014 9:00	71042	15	194	1.476	161.1	39.86	1.834	157.2	39.72	2.084	153.9	38.95	26.69	25.91	25.18	-0.78	-1.504	50.5	15.58	871	894	0
7/13/2014 9:15	71043	15	194	1.706	63.6	67.59	1.987	71.42	62.39	2.149	98.3	32.03	27.11	26.2	25.51	-0.911	-1.6	49.27	15.58	925	894	0
7/13/2014 9:30	71044	15	194	1.714	81.3	42.79	2.226	79.9	45.99	2.78	77.02	29.23	27.49	26.64	25.84	-0.852	-1.651	47.86	15.48	973	894	0
7/13/2014 9:45	71045	15	194	2.304	75.87	32.89	2.921	69.17	25.38	3.505	75.05	20.89	27.87	26.7	25.92	-1.171	-1.953	45.63	15.08	1019	894	0
7/13/2014 10:00	71046	15	194	2.043	111.2	30.77	2.584	105.8	25.3	2.933	101.7	24.8	28.33	27.19	26.25	-1.145	-2.081	43.76	14.85	1061	894	0
7/13/2014 10:15	71047	15	194	1.831	128.4	69.13	2.144	113.2	57.12	2.656	102	33.16	28.45	27.51	26.7	-0.941	-1.746	42.79	14.6	1096	894	0
7/13/2014 10:30	71048	15	194	1.717	91.4	39.59	2.022	84.2	32.69	2.346	91.4	30.49	28.65	27.62	27.01	-1.026	-1.638	42.32	14.61	1130	894	0
7/13/2014 10:45	71049	15	194	2.228	123	35.59	2.939	115.3	26.58	3.487	109.5	19.77	29.93	28.49	27.6	-1.441	-2.33	40.08	14.91	1160	894	0
7/13/2014 11:00	71050	15	194	2.207	109.2	34.44	2.631	112.9	25.65	2.933	116.8	21.65	29.68	28.53	27.6	-1.15	-2.075	38.44	14.03	1186	893	0
7/13/2014 11:15	71051	15	194	1.867	75.16	53.99	2.296	81.4	47.59	2.615	78.85	35.39	30.04	28.84	28.09	-1.201	-1.952	36.58	13.58	1203	893	0
7/13/2014 11:30	71052	15	194	2.532	111.6	31.07	3.268	107.8	27.22	4.141	103.7	24.18	30.99	29.5	28.58	-1.495	-2.416	33.81	13.22	1220	893	0
7/13/2014 11:45	71053	15	194	2.679	101.6	49.44	3.472	93.7	45.69	3.724	95.7	44.03	31.21	29.8	28.94	-1.412	-2.271	34.54	13.75	1224	893	0
7/13/2014 12:00	71054	15	194	2.631	113.8	40.16	3.382	108.1	37.37	4.078	103.4	35.99	31.54	30.09	29.06	-1.442	-2.472	33.92	13.75	1228	893	0
7/13/2014 12:15	71055	15	194	2.691	87.1	36.86	3.353	86.2	23.71	4.127	92.8	17.45	31.73	30.4	29.33	-1.337	-2.409	32.96	13.48	1229	893	0
7/13/2014 12:30	71056	15	194	2.149	98.1	66.17	2.887	97.3	65.47	3.384	105.1	56.11	32.28	31	29.77	-1.286	-2.509	31.51	13.27	1226	892	0

WIPP Validated Metdata 6/30/14 - 7/13/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
7/13/2014 12:45	71057	15	194	2.624	130.2	33.76	3.36	124.4	29.92	3.946	118.6	19.28	32.62	30.96	30.19	-1.658	-2.43	30.4	13.01	1225	892	0
7/13/2014 13:00	71058	15	194	2.9	117.3	33.64	3.756	112	27.76	4.489	111.2	22.61	33.03	31.57	30.55	-1.462	-2.476	28.99	12.63	1217	892	0
7/13/2014 13:15	71059	15	194	3.214	106.3	29.05	4.089	105.8	26.58	5.032	99.7	16.12	33.21	31.53	30.58	-1.682	-2.634	28.45	12.51	1189	892	0
7/13/2014 13:30	71060	15	194	3.445	131.6	22.19	4.482	121.7	19.19	5.057	112.9	17.21	33.37	31.7	30.73	-1.666	-2.635	28.24	12.52	1032	892	0
7/13/2014 13:45	71061	15	194	3.696	133.8	30.43	5.074	128.1	20.92	5.834	126.2	13.81	33.27	31.75	30.88	-1.518	-2.382	28.15	12.39	738	891	0
7/13/2014 14:00	71062	15	194	3.538	122.8	30.19	4.724	117.4	25.61	5.642	120.3	27.96	34	32.49	31.53	-1.509	-2.466	27.1	12.43	952	891	0
7/13/2014 14:15	71063	15	194	3.815	129.4	24.05	4.939	125.9	20.08	5.656	122	16.45	34.35	32.67	31.58	-1.676	-2.77	26.2	12.2	1004	891	0
7/13/2014 14:30	71064	15	194	3.704	142.7	32.39	5.046	137.2	30.38	6.263	129.3	27.46	34.72	33.12	31.99	-1.597	-2.73	24.98	11.81	890	891	0
7/13/2014 14:45	71065	15	194	3.672	136.1	29.63	5.051	129	28.46	5.905	128.6	25.19	34.67	33.13	32.1	-1.543	-2.567	24.48	11.43	892	891	0
7/13/2014 15:00	71066	15	194	3.816	131.6	20.76	5.114	128.6	17.71	6.153	127.5	13.98	34.59	33	32.05	-1.592	-2.54	23.31	10.64	833	890	0
7/13/2014 15:15	71067	15	194	3.786	135.9	23.08	5.412	130.6	22.42	6.501	129.1	22.17	35.09	33.5	32.46	-1.59	-2.636	23.47	11.16	890	890	0
7/13/2014 15:30	71068	15	194	3.168	181.8	25.6	4.185	174.1	20.57	4.917	167.7	17.54	34.77	33.13	32.27	-1.64	-2.501	22.53	10.28	907	890	0
7/13/2014 15:45	71069	15	194	3.259	156.4	29.95	4.437	151	28.48	5.318	143.6	26.66	34.13	33.07	32.3	-1.063	-1.835	23.74	10.55	458	890	0
7/13/2014 16:00	71070	15	194	3.623	147.4	29.19	4.963	141.2	23.69	5.972	136.2	19.65	34.72	33.4	32.55	-1.321	-2.17	23.57	10.93	724	890	0
7/13/2014 16:15	71071	15	194	3.411	143.1	22.02	4.75	136.3	19.44	5.823	129.8	17.65	33.9	32.91	32.23	-0.99	-1.662	24.37	10.74	381.9	890	0
7/13/2014 16:30	71072	15	194	3.706	127.5	19.96	5.203	122.8	15.22	6.162	122.8	15.6	34.48	33.24	32.41	-1.238	-2.065	23.86	10.91	671	890	0
7/13/2014 16:45	71073	15	194	3.682	156.9	16.35	5.156	150.3	12.08	6.076	149.1	12.47	34.26	33.18	32.49	-1.081	-1.775	23.76	10.67	441.3	890	0
7/13/2014 17:00	71074	15	194	3.451	146.6	19.04	4.89	141.6	15.36	5.945	143.1	12.95	34.22	33.28	32.59	-0.938	-1.633	23.28	10.33	451.6	890	0
7/13/2014 17:15	71075	15	194	2.933	167.2	18.08	4.031	159.8	13.89	4.653	159	12.13	34.29	33.35	32.61	-0.94	-1.686	22.95	10.17	433.8	890	0
7/13/2014 17:30	71076	15	194	3.174	137.4	25.1	4.589	129.8	22.85	5.408	124.6	19.92	34.13	33.38	32.7	-0.753	-1.435	23.46	10.37	366.3	890	0
7/13/2014 17:45	71077	15	194	3.897	130.9	15.74	5.376	124.9	10.99	6.464	120.7	7.946	33.78	33.21	32.56	-0.568	-1.225	24.7	10.85	304.8	890	0
7/13/2014 18:00	71078	15	194	3.494	140	20.42	5.032	133.9	17.03	6.026	130.2	17.34	33.52	33.08	32.44	-0.441	-1.08	25.61	11.18	236.1	890	0
7/13/2014 18:15	71079	15	194	4.228	151.4	14.04	6.026	146.6	9.92	7.537	143.4	7.429	33.17	32.88	32.32	-0.292	-0.85	26.5	11.4	165	890	0
7/13/2014 18:30	71080	15	194	3.776	152.3	12.75	5.751	145.8	8.53	7.205	142.5	5.81	32.66	32.55	32.09	-0.112	-0.572	27.69	11.63	103.9	890	0
7/13/2014 18:45	71081	15	194	3.519	135.8	13.63	5.407	131.1	10.81	7.407	126.9	10.17	32.11	32.15	31.78	0.04	-0.331	28.79	11.74	56.96	890	0
7/13/2014 19:00	71082	15	194	3.726	126	12.06	5.71	120.5	7.39	7.962	119	5.62	31.3	31.45	31.25	0.147	-0.049	30.59	11.97	15.85	890	0
7/13/2014 19:15	71083	15	194	3.443	126.2	13.04	5.19	121.4	7.23	7.473	119.6	4.194	30.87	31.13	31.05	0.251	0.172	31.11	11.86	3.388	890	0
7/13/2014 19:30	71084	15	194	3.096	123.7	11.52	4.975	118.9	7.35	7.485	118.6	3.662	30.22	30.56	30.6	0.332	0.376	32.74	12.07	1.443	890	0
7/13/2014 19:45	71085	15	194	2.948	127.4	12.25	4.699	123	7.236	7.745	122.1	4.018	29.67	29.99	30.09	0.327	0.428	34.62	12.43	1.308	890	0
7/13/2014 20:00	71086	15	194	3.198	127.4	12.47	5.036	123.1	7.085	7.881	122.8	4.435	29.26	29.58	29.71	0.316	0.441	36.06	12.7	1.166	890	0
7/13/2014 20:15	71087	15	194	3.181	135.4	11.01	4.92	130.4	6.822	7.758	129.4	3.929	29.09	29.43	29.56	0.338	0.467	36.32	12.66	1.35	891	0
7/13/2014 20:30	71088	15	194	2.221	130.3	11.94	3.819	126.6	7.267	6.517	128.1	4.667	28.42	28.97	29.27	0.546	0.85	37.74	12.65	1.126	891	0
7/13/2014 20:45	71089	15	194	2.721	137.2	11.03	4.441	131.7	6.832	7.455	131.4	3.999	28.3	28.77	29.11	0.465	0.806	38.01	12.65	1.209	891	0
7/13/2014 21:00	71090	15	194	3.099	139	12.76	4.816	134	8.04	7.465	132	4.516	28.38	28.76	28.88	0.385	0.505	37.51	12.52	1.406	891	0
7/13/2014 21:15	71091	15	194	2.975	142.6	11.81	4.832	137.5	7.011	7.268	136.1	4.445	28.19	28.58	28.65	0.399	0.469	38.28	12.66	1.195	892	0
7/13/2014 21:30	71092	15	194	3.131	141.4	12.28	5.003	136.8	7.089	7.8	136.5	4.392	27.92	28.3	28.39	0.38	0.472	39.35	12.84	1.152	892	0
7/13/2014 21:45	71093	15	194	3.116	138.5	11.97	4.807	133.1	7.225	7.538	132.9	4.332	27.6	27.95	28.07	0.354	0.473	40.49	12.99	1.24	892	0
7/13/2014 22:00	71094	15	194	3.059	140.7	11.77	4.797	135.2	7.901	7.535	134.9	4.859	27.26	27.63	27.78	0.376	0.521	41.57	13.09	1.432	892	0
7/13/2014 22:15	71095	15	194	3.295	138.1	11.37	5.145	132.6	7.268	7.88	132.9	4.213	27.06	27.42	27.53	0.362	0.472	42.22	13.15	1.353	892	0
7/13/2014 22:30	71096	15	194	3.146	133.7	11.08	4.875	130.2	6.769	7.892	130.2	4.009	26.72	27.08	27.26	0.356	0.543	43.15	13.18	1.431	892	0
7/13/2014 22:45	71097	15	194	2.999	137.7	11.22	4.778	132.4	6.835	7.531	131.7	3.965	26.44	26.81	26.96	0.375	0.522	43.95	13.21	1.333	892	0
7/13/2014 23:00	71098	15	194	2.764	136.1	11.41	4.47	131.1	7.254	7.335	131.2	4.507	26.13	26.55	26.74	0.424	0.613	44.83	13.23	1.393	892	0
7/13/2014 23:15	71099	15	194	3.09	143.6	12.38	4.938	137.5	7.057	7.862	136.6	4.578	26.05	26.42	26.55	0.37	0.497	45.29	13.32	1.306	892	0
7/13/2014 23:30	71100	15	194	3.178	145.2	12.46	4.999	139.1	7.623	7.794	137.7	5.055	25.84	26.18	26.26	0.34	0.417	45.97	13.35	1.413	892	0
7/13/2014 23:45	71101	15	194	3.081	146.3	12.03	4.932	140.3	7.738	7.652	139.5	5.071	25.62	25.97	26	0.352	0.38	46.72	13.4	1.343	892	0

Environmental Monitoring & Hydrology Airborne Particulates Sampling

July 13, 2014

Location	Sample ID Number	Sample Date	ISOLO Spectrum Analyzer Gross α β Preliminary/ Final DPM	WIPP Labs Gross α DPM	WIPP Labs Radiochemistry Am-241 (dpm/sample)	WIPP Labs Radiochemistry Pu-238 (dpm/sample)	WIPP Labs Radiochemistry Pu-239/240 (dpm/sample)	Air Flow Volume (m^3)	WIPP Labs Radiochemistry Am-241 (Bq/m^3)	WIPP Labs Radiochemistry Pu-238 (Bq/m^3)	WIPP Labs Radiochemistry Pu-239/240 (Bq/m^3)
WIPP Far Field (WFF)*	AL-WFF-20140212-1.1	02/15/2014	36	---	**4.88E+01**	Below MDC	**3.67E+00**	51.44	**1.58E-02**	N/A	**1.19E-03**
WIPP Far Field (WFF)	AL-WFF-20140219-1.1	02/18/2014	2.4	---	**2.70E-01**	Below MDC	Below MDC	242.65	**1.85E-05**	N/A	N/A
WIPP East (WEE)*	AL-WEE-20140212-1.1	02/17/2014	7.29/4.4	---	**5.73E-01**	Below MDC	Below MDC	208.89	**4.57E-05**	N/A	N/A
WIPP South (WSS)*	AL-WSS-20140212-1.1	02/17/2014	7.47/3.7	---	**1.41E-01**	Below MDC	Below MDC	207.82	**1.13E-05**	N/A	N/A
Mills Ranch (MLR)*	AL-MLR-20140212-1.1	02/18/2014	2.7	---	Below MDC	Below MDC	Below MDC	269.12	N/A	N/A	N/A
Smith Ranch (SMR)*	AL-SMR-20140212-1.1	02/18/2014	4.2	---	**2.44E-01**	Below MDC	Below MDC	270.95	**1.50E-05**	N/A	N/A
Carlsbad (CBD)*	AL-CBD-20140212-1.1	02/18/2014	1.6	---	Below MDC	Below MDC	Below MDC	263.07	N/A	N/A	N/A
Southeast Control (SEC)*	AL-SEC-20140212-1.2	02/18/2014	1.3	---	Below MDC	Below MDC	Below MDC	266.42	N/A	N/A	N/A
Southeast Control (SEC) co-located sample*	AL-SEC-20140212-2.2	02/18/2014	1.5	---	Below MDC	Below MDC	Below MDC	271.13	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140219-1.1	02/26/2014	---	1.89	Below MDC	Below MDC	Below MDC	653.09	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140219-1.1	02/26/2014	---	2.48	Below MDC	Below MDC	Below MDC	738.49	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140219-1.1	02/26/2014	---	2.23	Below MDC	Below MDC	Below MDC	730.49	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140219-1.1	02/26/2014	---	2.57	Below MDC	Below MDC	Below MDC	675.95	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140219-1.1	02/26/2014	---	2.23	Below MDC	Below MDC	Below MDC	634.00	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140219-1.1	02/26/2014	---	1.12	Below MDC	Below MDC	Below MDC	663.97	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140219-1.2	02/26/2014	---	2.66	Below MDC	Below MDC	Below MDC	675.60	N/A	N/A	N/A
Southeast Control (SEC) co-located sample	AL-SEC-20140219-2.2	02/26/2014	---	1.38	Below MDC	Below MDC	Below MDC	642.96	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140226-1.1	03/04/2014	---	4.21	Below MDC	Below MDC	Below MDC	476.53	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140226-1.1	03/04/2014	---	4.90	Below MDC	Below MDC	Below MDC	478.96	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140226-1.1	03/04/2014	---	3.26	Below MDC	Below MDC	Below MDC	474.43	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140226-1.1	03/04/2014	---	5.50	Below MDC	Below MDC	Below MDC	476.20	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140226-1.1	03/04/2014	---	7.13	Below MDC	Below MDC	Below MDC	470.20	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140226-1.1	03/04/2014	---	5.50	Below MDC	Below MDC	Below MDC	482.31	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140226-1.2	03/04/2014	---	4.72	Below MDC	Below MDC	Below MDC	476.53	N/A	N/A	N/A
Southeast Control (SEC) co-located sample	AL-SEC-20140226-2.2	03/04/2014	---	6.70	Below MDC	Below MDC	Below MDC	481.39	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	549.12	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	559.62	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	556.12	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	556.78	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	543.88	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	561.30	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140304-1.2	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	557.78	N/A	N/A	N/A

Environmental Monitoring & Hydrology Airborne Particulates Sampling

July 13, 2014

Location	Sample ID Number	Sample Date	ISOLO Spectrum Analyzer Gross α β Preliminary/ Final DPM	WIPP Labs Gross α DPM	WIPP Labs Radiochemistry Am-241 (dpm/sample)	WIPP Labs Radiochemistry Pu-238 (dpm/sample)	WIPP Labs Radiochemistry Pu-239/240 (dpm/sample)	Air Flow Volume (m^3)	WIPP Labs Radiochemistry Am-241 (Bq/m^3)	WIPP Labs Radiochemistry Pu-238 (Bq/m^3)	WIPP Labs Radiochemistry Pu-239/240 (Bq/m^3)
Southeast Control (SEC) co-located sample	AL-SEC-20140304-2.2	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	552.09	N/A	N/A	N/A
Meteorology Tower Building (MET)†	AL-MET-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	447.76	N/A	N/A	N/A
Salt Hoist (SLT)†	AL-SLT-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	535.87	N/A	N/A	N/A
Southeast of Training Building (STB)†	AL-STB-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	538.77	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	521.72	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	583.39	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	563.14	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	557.45	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	581.65	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	496.70	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140311-1.2	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	545.09	N/A	N/A	N/A
Southeast Control (SEC) co-located sample	AL-SEC-20140311-2.2	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	522.38	N/A	N/A	N/A
Meteorology Tower Building (MET)†	AL-MET-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	569.51	N/A	N/A	N/A
Salt Hoist (SLT)†	AL-SLT-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	557.26	N/A	N/A	N/A
Southeast of Training Building (STB)†	AL-STB-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	560.11	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	551.04	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	583.62	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	598.84	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	595.58	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	580.38	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	580.55	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140318-1.2	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	586.87	N/A	N/A	N/A
Southeast Control (SEC) co-located sample	AL-SEC-20140318-2.2	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	563.63	N/A	N/A	N/A
Meteorology Tower Building (MET)†	AL-MET-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	591.75	N/A	N/A	N/A
Salt Hoist (SLT)†	AL-SLT-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	585.15	N/A	N/A	N/A
Southeast of Training Building (STB)†	AL-STB-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	582.60	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140325-1.2	04/01/2014	---	---	Below MDC	Below MDC	Below MDC	546.07	N/A	N/A	N/A
WIPP Far Field (WFF) co-located	AL-WFF-20140325-2.2	04/01/2014	---	---	Below MDC	Below MDC	Below MDC	554.61	N/A	N/A	N/A

Environmental Monitoring & Hydrology Airborne Particulates Sampling

July 13, 2014

Location	Sample ID Number	Sample Date	ISOLO Spectrum Analyzer Gross α β Preliminary/ Final DPM	WIPP Labs Gross α DPM	WIPP Labs Radiochemistry Am-241 (dpm/sample)	WIPP Labs Radiochemistry Pu-238 (dpm/sample)	WIPP Labs Radiochemistry Pu-239/240 (dpm/sample)	Air Flow Volume (m^3)	WIPP Labs Radiochemistry Am-241 (Bq/m^3)	WIPP Labs Radiochemistry Pu-238 (Bq/m^3)	WIPP Labs Radiochemistry Pu-239/240 (Bq/m^3)
WIPP East (WEE)	AL-WEE-20140325-1.1	04/01/2014	---	---	Below MDC	Below MDC	Below MDC	542.58	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140325-1.1	04/01/2014	---	---	Below MDC	Below MDC	Below MDC	518.92	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140325-1.1	04/01/2014	---	---	Below MDC	Below MDC	Below MDC	533.42	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140325-1.1	04/01/2014	---	---	Below MDC	Below MDC	Below MDC	528.06	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140325-1.1	04/01/2014	---	---	Below MDC	Below MDC	Below MDC	507.26	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140325-1.2	04/01/2014	---	---	Below MDC	Below MDC	Below MDC	536.26	N/A	N/A	N/A
Southeast Control (SEC) co-located sample	AL-SEC-20140325-2.2	04/01/2014	---	---	Below MDC	Below MDC	Below MDC	539.09	N/A	N/A	N/A
Meteorology Tower Building (MET)†	AL-MET-20140325-1.1	04/01/2014	---	---	Below MDC	Below MDC	Below MDC	545.42	N/A	N/A	N/A
Salt Hoist (SLT)†	AL-SLT-20140325-1.1	04/01/2014	---	---	Below MDC	Below MDC	Below MDC	533.10	N/A	N/A	N/A
Southeast of Training Building (STB)†	AL-STB-20140325-1.1	04/01/2014	---	---	Below MDC	Below MDC	Below MDC	556.78	N/A	N/A	N/A
Guard and Security Building (GSB)‡	AL-GSB-20140325-1.1	04/01/2014	---	---	Below MDC	Below MDC	Below MDC	531.54	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140401-1.2	04/08/2014	---	---	Below MDC	Below MDC	Below MDC	562.46	N/A	N/A	N/A
WIPP Far Field (WFF) co-located	AL-WFF-20140401-2.2	04/08/2014	---	---	Below MDC	Below MDC	Below MDC	579.51	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140401-1.1	04/08/2014	---	---	Below MDC	Below MDC	Below MDC	580.20	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140401-1.1	04/08/2014	---	---	Below MDC	Below MDC	Below MDC	580.20	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140401-1.1	04/08/2014	---	---	Below MDC	Below MDC	Below MDC	574.86	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140401-1.2	04/08/2014	---	---	Below MDC	Below MDC	Below MDC	581.57	N/A	N/A	N/A
Carlsbad (CBD) co-located sample	AL-CBD-20140401-2.2	04/08/2014	---	---	Below MDC	Below MDC	Below MDC	559.08	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140401-1.1	04/08/2014	---	---	Below MDC	Below MDC	Below MDC	577.01	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140401-1.1	04/08/2014	---	---	Below MDC	Below MDC	Below MDC	583.39	N/A	N/A	N/A
Meteorology Tower Building (MET)†	AL-MET-20140401-1.1	04/08/2014	---	---	Below MDC	Below MDC	Below MDC	577.01	N/A	N/A	N/A
Salt Hoist (SLT)†	AL-SLT-20140401-1.1	04/08/2014	---	---	Below MDC	Below MDC	Below MDC	575.98	N/A	N/A	N/A
Southeast of Training Building (STB)†	AL-STB-20140401-1.1	04/08/2014	---	---	Below MDC	Below MDC	Below MDC	586.62	N/A	N/A	N/A
Guard and Security Building (GSB)‡	AL-GSB-20140401-1.1	04/08/2014	---	---	Below MDC	Below MDC	Below MDC	584.84	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140408-1.2	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	571.20	N/A	N/A	N/A
WIPP Far Field (WFF) co-located	AL-WFF-20140408-2.2	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	574.06	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140408-1.1	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	568.60	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140408-1.1	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	570.74	N/A	N/A	N/A

Environmental Monitoring & Hydrology Airborne Particulates Sampling

July 13, 2014

Location	Sample ID Number	Sample Date	ISOLO Spectrum Analyzer Gross α β Preliminary/ Final DPM	WIPP Labs Gross α DPM	WIPP Labs Radiochemistry Am-241 (dpm/sample)	WIPP Labs Radiochemistry Pu-238 (dpm/sample)	WIPP Labs Radiochemistry Pu-239/240 (dpm/sample)	Air Flow Volume (m^3)	WIPP Labs Radiochemistry Am-241 (Bq/m^3)	WIPP Labs Radiochemistry Pu-238 (Bq/m^3)	WIPP Labs Radiochemistry Pu-239/240 (Bq/m^3)
Mills Ranch (MLR)	AL-MLR-20140408-1.1	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	555.62	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140408-1.2	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	562.71	N/A	N/A	N/A
Carlsbad (CBD) co-located sample	AL-CBD-20140408-2.2	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	558.63	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140408-1.1	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	569.36	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140408-1.1	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	575.62	N/A	N/A	N/A
Meteorology Tower Building (MET)†	AL-MET-20140408-1.1	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	546.29	N/A	N/A	N/A
Salt Hoist (SLT)†	AL-SLT-20140408-1.1	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	573.83	N/A	N/A	N/A
Southeast of Training Building (STB)†	AL-STB-20140408-1.1	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	555.78	N/A	N/A	N/A
Guard and Security Building (GSB)‡	AL-GSB-20140408-1.1	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	574.94	N/A	N/A	N/A
Artesia (ART)§	AL-ART-20140410-1.1	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	397.41	N/A	N/A	N/A
Eunice (EUN)§	AL-EUN-20140410-1.1	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	406.71	N/A	N/A	N/A
Hobbs (HBS)§	AL-HBS-20140410-1.1	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	403.69	N/A	N/A	N/A
Loving (LVG)§	AL-LVG-20140410-1.1	04/15/2014	---	---	Below MDC	Below MDC	Below MDC	426.89	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140415-1.2	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	551.76	N/A	N/A	N/A
WIPP Far Field (WFF) co-located	AL-WFF-20140415-2.2	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	555.76	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140415-1.1	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	557.36	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140415-1.1	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	543.32	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140415-1.1	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	544.58	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140415-1.2	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	539.80	N/A	N/A	N/A
Carlsbad (CBD) co-located sample	AL-CBD-20140415-2.2	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	551.16	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140415-1.1	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	544.84	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140415-1.1	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	554.07	N/A	N/A	N/A
Meteorology Tower Building (MET)†	AL-MET-20140415-1.1	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	553.51	N/A	N/A	N/A
Salt Hoist (SLT)†	AL-SLT-20140415-1.1	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	565.83	N/A	N/A	N/A
Southeast of Training Building (STB)†	AL-STB-20140415-1.1	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	562.97	N/A	N/A	N/A
Guard and Security Building (GSB)‡	AL-GSB-20140415-1.1	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	555.39	N/A	N/A	N/A
Artesia (ART)§	AL-ART-20140415-1.1	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	551.87	N/A	N/A	N/A
Eunice (EUN)§	AL-EUN-20140415-1.1	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	570.52	N/A	N/A	N/A

Environmental Monitoring & Hydrology Airborne Particulates Sampling

July 13, 2014

Location	Sample ID Number	Sample Date	ISOLO Spectrum Analyzer Gross α β Preliminary/ Final DPM	WIPP Labs Gross α DPM	WIPP Labs Radiochemistry Am-241 (dpm/sample)	WIPP Labs Radiochemistry Pu-238 (dpm/sample)	WIPP Labs Radiochemistry Pu-239/240 (dpm/sample)	Air Flow Volume (m^3)	WIPP Labs Radiochemistry Am-241 (Bq/m^3)	WIPP Labs Radiochemistry Pu-238 (Bq/m^3)	WIPP Labs Radiochemistry Pu-239/240 (Bq/m^3)
Hobbs (HBS)§	AL-HBS-20140415-1.1	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	556.26	N/A	N/A	N/A
Loving (LVG)§	AL-LVG-20140415-1.1	04/22/2014	---	---	Below MDC	Below MDC	Below MDC	545.64	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140422-1.2	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	562.80	N/A	N/A	N/A
WIPP Far Field (WFF) co-located	AL-WFF-20140422-2.2	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	577.01	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140422-1.1	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	568.83	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140422-1.1	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	579.86	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140422-1.1	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	579.51	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140422-1.2	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	553.41	N/A	N/A	N/A
Carlsbad (CBD) co-located sample	AL-CBD-20140422-2.2	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	561.97	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140422-1.1	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	563.91	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140422-1.1	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	585.19	N/A	N/A	N/A
Meteorology Tower Building (MET)†	AL-MET-20140422-1.1	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	568.49	N/A	N/A	N/A
Salt Hoist (SLT)†	AL-SLT-20140422-1.1	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	568.66	N/A	N/A	N/A
Southeast of Training Building (STB)†	AL-STB-20140422-1.1	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	578.00	N/A	N/A	N/A
Guard and Security Building (GSB)‡	AL-GSB-20140422-1.1	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	568.66	N/A	N/A	N/A
Artesia (ART)§	AL-ART-20140422-1.1	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	565.16	N/A	N/A	N/A
Eunice (EUN)§	AL-EUN-20140422-1.1	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	575.54	N/A	N/A	N/A
Hobbs (HBS)§	AL-HBS-20140422-1.1	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	546.07	N/A	N/A	N/A
Loving (LVG)§	AL-LVG-20140422-1.1	04/29/2014	---	---	Below MDC	Below MDC	Below MDC	568.76	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140429-1.2	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	529.31	N/A	N/A	N/A
WIPP Far Field (WFF) co-located	AL-WFF-20140429-2.2	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	558.25	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140429-1.1	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	545.23	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140429-1.1	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	550.04	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140429-1.1	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	547.16	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140429-1.2	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	545.18	N/A	N/A	N/A
Carlsbad (CBD) co-located sample	AL-CBD-20140429-2.2	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	553.74	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140429-1.1	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	562.01	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140429-1.1	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	551.54	N/A	N/A	N/A
Meteorology Tower Building (MET)†	AL-MET-20140429-1.1	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	531.22	N/A	N/A	N/A

Environmental Monitoring & Hydrology Airborne Particulates Sampling

July 13, 2014

Location	Sample ID Number	Sample Date	ISOLO Spectrum Analyzer Gross α β Preliminary/ Final DPM	WIPP Labs Gross α DPM	WIPP Labs Radiochemistry Am-241 (dpm/sample)	WIPP Labs Radiochemistry Pu-238 (dpm/sample)	WIPP Labs Radiochemistry Pu-239/240 (dpm/sample)	Air Flow Volume (m^3)	WIPP Labs Radiochemistry Am-241 (Bq/m^3)	WIPP Labs Radiochemistry Pu-238 (Bq/m^3)	WIPP Labs Radiochemistry Pu-239/240 (Bq/m^3)
Salt Hoist (SLT)†	AL-SLT-20140429-1.1	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	552.79	N/A	N/A	N/A
Southeast of Training Building (STB)†	AL-STB-20140429-1.1	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	538.36	N/A	N/A	N/A
Guard and Security Building (GSB)‡	AL-GSB-20140429-1.1	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	547.15	N/A	N/A	N/A
Artesia (ART)§	AL-ART-20140429-1.1	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	556.59	N/A	N/A	N/A
Eunice (EUN)§	AL-EUN-20140429-1.1	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	130.92	N/A	N/A	N/A
Hobbs (HBS)§	AL-HBS-20140429-1.1	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	542.32	N/A	N/A	N/A
Loving (LVG)§	AL-LVG-20140429-1.1	05/06/2014	---	---	Below MDC	Below MDC	Below MDC	563.69	N/A	N/A	N/A
Eunice (EUN)§	EE-EUN-20140429-1.1	05/07/2014	---	---	Below MDC	Below MDC	Below MDC	67.02	N/A	N/A	N/A
WIPP Far Field (WFF)	EE-WFF-20140506-1.2	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	572.89	N/A	N/A	N/A
WIPP Far Field (WFF) co-located	EE-WFF-20140506-2.2	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	584.12	N/A	N/A	N/A
WIPP East (WEE)	EE-WEE-20140506-1.2	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	545.56	N/A	N/A	N/A
WIPP East (WEE) co-located	EE-WEE-20140506-2.2	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	589.08	N/A	N/A	N/A
WIPP South (WSS)	EE-WSS-20140506-1.1	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	602.53	N/A	N/A	N/A
Mills Ranch (MLR)	EE-MLR-20140506-1.1	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	597.79	N/A	N/A	N/A
Carlsbad (CBD)	EE-CBD-20140506-1.1	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	561.97	N/A	N/A	N/A
Smith Ranch (SMR)	EE-SMR-20140506-1.1	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	592.87	N/A	N/A	N/A
Southeast Control (SEC)	EE-SEC-20140506-1.1	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	584.44	N/A	N/A	N/A
Meteorology Tower Building (MET)†	EE-MET-20140506-1.1	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	595.11	N/A	N/A	N/A
Salt Hoist (SLT)†	EE-SLT-20140506-1.1	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	607.24	N/A	N/A	N/A
Southeast of Training Building (STB)†	EE-STB-20140506-1.1	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	603.57	N/A	N/A	N/A
Guard and Security Building (GSB)‡	EE-GSB-20140506-1.1	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	630.33	N/A	N/A	N/A
Artesia (ART)§	EE-ART-20140506-1.1	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	581.94	N/A	N/A	N/A
Eunice (EUN)§	EE-EUN-20140507-1.1	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	465.17	N/A	N/A	N/A
Hobbs (HBS)§	EE-HBS-20140506-1.1	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	576.92	N/A	N/A	N/A
Loving (LVG)§	EE-LVG-20140506-1.1	05/13/2014	---	---	Below MDC	Below MDC	Below MDC	586.21	N/A	N/A	N/A
WIPP Far Field (WFF)	EE-WFF-20140513-1.2	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	35.66	N/A	N/A	N/A
WIPP Far Field (WFF) co-located	EE-WFF-20140513-2.2	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	34.94	N/A	N/A	N/A
WIPP East (WEE)	EE-WEE-20140513-1.2	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	549.92	N/A	N/A	N/A

Environmental Monitoring & Hydrology Airborne Particulates Sampling

July 13, 2014

Location	Sample ID Number	Sample Date	ISOLO Spectrum Analyzer Gross α β Preliminary/ Final DPM	WIPP Labs Gross α DPM	WIPP Labs Radiochemistry Am-241 (dpm/sample)	WIPP Labs Radiochemistry Pu-238 (dpm/sample)	WIPP Labs Radiochemistry Pu-239/240 (dpm/sample)	Air Flow Volume (m^3)	WIPP Labs Radiochemistry Am-241 (Bq/m^3)	WIPP Labs Radiochemistry Pu-238 (Bq/m^3)	WIPP Labs Radiochemistry Pu-239/240 (Bq/m^3)
WIPP East (WEE) co-located	EE-WEE-20140513-2.2	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	538.75	N/A	N/A	N/A
WIPP South (WSS)	EE-WSS-20140513-1.1	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	533.61	N/A	N/A	N/A
Mills Ranch (MLR)	EE-MLR-20140513-1.1	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	531.12	N/A	N/A	N/A
Carlsbad (CBD)	EE-CBD-20140513-1.1	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	536.61	N/A	N/A	N/A
Smith Ranch (SMR)	EE-SMR-20140513-1.1	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	538.04	N/A	N/A	N/A
Southeast Control (SEC)	EE-SEC-20140513-1.1	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	538.80	N/A	N/A	N/A
Meteorology Tower Building (MET)†	EE-MET-20140513-1.1	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	535.96	N/A	N/A	N/A
Salt Hoist (SLT)†	EE-SLT-20140513-1.1	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	534.47	N/A	N/A	N/A
Southeast of Training Building (STB)†	EE-STB-20140513-1.1	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	523.59	N/A	N/A	N/A
Guard and Security Building (GSB)‡	EE-GSB-20140513-1.1	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	615.99	N/A	N/A	N/A
Artesia (ART)§	EE-ART-20140513-1.1	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	550.88	N/A	N/A	N/A
Eunice (EUN)§	EE-EUN-20140513-1.1	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	543.96	N/A	N/A	N/A
Hobbs (HBS)§	EE-HBS-20140513-1.1	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	543.32	N/A	N/A	N/A
Loving (LVG)§	EE-LVG-20140513-1.1	05/20/2014	---	---	Below MDC	Below MDC	Below MDC	551.43	N/A	N/A	N/A
WIPP Far Field (WFF)	EE-WFF-20140520-1.2	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	561.11	N/A	N/A	N/A
WIPP Far Field (WFF) co-located	EE-WFF-20140520-2.2	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	563.98	N/A	N/A	N/A
WIPP East (WEE)	EE-WEE-20140520-1.2	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	554.27	N/A	N/A	N/A
WIPP East (WEE) co-located	EE-WEE-20140520-2.2	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	574.17	N/A	N/A	N/A
WIPP South (WSS)	EE-WSS-20140520-1.1	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	581.24	N/A	N/A	N/A
Mills Ranch (MLR)	EE-MLR-20140520-1.1	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	588.39	N/A	N/A	N/A
Carlsbad (CBD)	EE-CBD-20140520-1.1	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	567.33	N/A	N/A	N/A
Smith Ranch (SMR)	EE-SMR-20140520-1.1	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	591.14	N/A	N/A	N/A
Southeast Control (SEC)	EE-SEC-20140520-1.1	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	572.23	N/A	N/A	N/A
Meteorology Tower Building (MET)†	EE-MET-20140520-1.1	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	581.84	N/A	N/A	N/A
Salt Hoist (SLT)†	EE-SLT-20140520-1.1	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	585.19	N/A	N/A	N/A
Southeast of Training Building (STB)†	EE-STB-20140520-1.1	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	574.34	N/A	N/A	N/A
Guard and Security Building (GSB)‡	EE-GSB-20140520-1.1	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	571.54	N/A	N/A	N/A
Artesia (ART)§	EE-ART-20140520-1.1	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	561.46	N/A	N/A	N/A

Environmental Monitoring & Hydrology Airborne Particulates Sampling

July 13, 2014

Location	Sample ID Number	Sample Date	ISOLO Spectrum Analyzer Gross α β Preliminary/ Final DPM	WIPP Labs Gross α DPM	WIPP Labs Radiochemistry Am-241 (dpm/sample)	WIPP Labs Radiochemistry Pu-238 (dpm/sample)	WIPP Labs Radiochemistry Pu-239/240 (dpm/sample)	Air Flow Volume (m^3)	WIPP Labs Radiochemistry Am-241 (Bq/m^3)	WIPP Labs Radiochemistry Pu-238 (Bq/m^3)	WIPP Labs Radiochemistry Pu-239/240 (Bq/m^3)
Eunice (EUN)§	EE-EUN-20140520-1.1	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	554.73	N/A	N/A	N/A
Hobbs (HBS)§	EE-HBS-20140520-1.1	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	559.10	N/A	N/A	N/A
Loving (LVG)§	EE-LVG-20140520-1.1	05/27/2014	---	---	Below MDC	Below MDC	Below MDC	572.10	N/A	N/A	N/A
WIPP Far Field (WFF)	EE-WFF-20140527-1.2	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	571.67	N/A	N/A	N/A
WIPP Far Field (WFF) co-located	EE-WFF-20140527-2.2	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	568.83	N/A	N/A	N/A
WIPP East (WEE)	EE-WEE-20140527-1.2	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	562.46	N/A	N/A	N/A
WIPP East (WEE) co-located	EE-WEE-20140527-2.2	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	573.83	N/A	N/A	N/A
WIPP South (WSS)	EE-WSS-20140527-1.1	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	557.92	N/A	N/A	N/A
Mills Ranch (MLR)	EE-MLR-20140527-1.1	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	558.88	N/A	N/A	N/A
Carlsbad (CBD)	EE-CBD-20140527-1.1	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	560.11	N/A	N/A	N/A
Smith Ranch (SMR)	EE-SMR-20140527-1.1	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	563.95	N/A	N/A	N/A
Southeast Control (SEC)	EE-SEC-20140527-1.1	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	552.64	N/A	N/A	N/A
Meteorology Tower Building (MET)†	EE-MET-20140527-1.1	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	559.78	N/A	N/A	N/A
Salt Hoist (SLT)†	EE-SLT-20140527-1.1	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	583.74	N/A	N/A	N/A
Southeast of Training Building (STB)†	EE-STB-20140527-1.1	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	577.70	N/A	N/A	N/A
Guard and Security Building (GSB)‡	EE-GSB-20140527-1.1	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	569.51	N/A	N/A	N/A
Artesia (ART)§	EE-ART-20140527-1.1	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	551.99	N/A	N/A	N/A
Eunice (EUN)§	EE-EUN-20140527-1.1	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	568.11	N/A	N/A	N/A
Hobbs (HBS)§	EE-HBS-20140527-1.1	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	571.88	N/A	N/A	N/A
Loving (LVG)§	EE-LVG-20140527-1.1	06/03/2014	---	---	Below MDC	Below MDC	Below MDC	573.64	N/A	N/A	N/A
WIPP Far Field (WFF)**	EE-WFF-20140603-1.2	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	563.28	N/A	N/A	N/A
WIPP Far Field (WFF) co-located**	EE-WFF-20140603-2.2	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	566.11	N/A	N/A	N/A
WIPP East (WEE)**	EE-WEE-20140603-1.2	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	567.57	N/A	N/A	N/A
WIPP East (WEE) co-located**	EE-WEE-20140603-2.2	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	559.10	N/A	N/A	N/A
WIPP South (WSS)**	EE-WSS-20140603-1.1	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	569.62	N/A	N/A	N/A
Mills Ranch (MLR)**	EE-MLR-20140603-1.1	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	569.62	N/A	N/A	N/A
Carlsbad (CBD)**	EE-CBD-20140603-1.1	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	576.92	N/A	N/A	N/A
Smith Ranch (SMR)**	EE-SMR-20140603-1.1	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	584.01	N/A	N/A	N/A
Southeast Control (SEC)**	EE-SEC-20140603-1.1	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	573.62	N/A	N/A	N/A

Environmental Monitoring & Hydrology Airborne Particulates Sampling

July 13, 2014

Location	Sample ID Number	Sample Date	ISOLO Spectrum Analyzer Gross α β Preliminary/ Final DPM	WIPP Labs Gross α DPM	WIPP Labs Radiochemistry Am-241 (dpm/sample)	WIPP Labs Radiochemistry Pu-238 (dpm/sample)	WIPP Labs Radiochemistry Pu-239/240 (dpm/sample)	Air Flow Volume (m^3)	WIPP Labs Radiochemistry Am-241 (Bq/m^3)	WIPP Labs Radiochemistry Pu-238 (Bq/m^3)	WIPP Labs Radiochemistry Pu-239/240 (Bq/m^3)
Meteorology Tower Building (MET)† **	EE-MET-20140603-1.1	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	565.77	N/A	N/A	N/A
Salt Hoist (SLT)† **	EE-SLT-20140603-1.1	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	576.32	N/A	N/A	N/A
Southeast of Training Building (STB)† **	EE-STB-20140603-1.1	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	562.46	N/A	N/A	N/A
Guard and Security Building (GSB)‡ **	EE-GSB-20140603-1.1	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	575.98	N/A	N/A	N/A
Artesia (ART)§ **	EE-ART-20140603-1.1	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	561.59	N/A	N/A	N/A
Eunice (EUN)§ **	EE-EUN-20140603-1.1	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	561.92	N/A	N/A	N/A
Hobbs (HBS)§ **	EE-HBS-20140603-1.1	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	567.57	N/A	N/A	N/A
Loving (LVG)§ **	EE-LVG-20140603-1.1	06/10/2014	---	---	Below MDC	Below MDC	Below MDC	344.69	N/A	N/A	N/A

* Filter volumes based on an adjusted filter installation date. This date was changed from the actual filter installation date to the date of the release which occurred at 23:30 hours on February 14, 2014.

† This sampling location was initiated on March 4, 2014.

‡ This sampling location was initiated on March 25, 2014.

§ This sampling location was initiated on April 10, 2014.

** This was an archived sample requested for analysis.

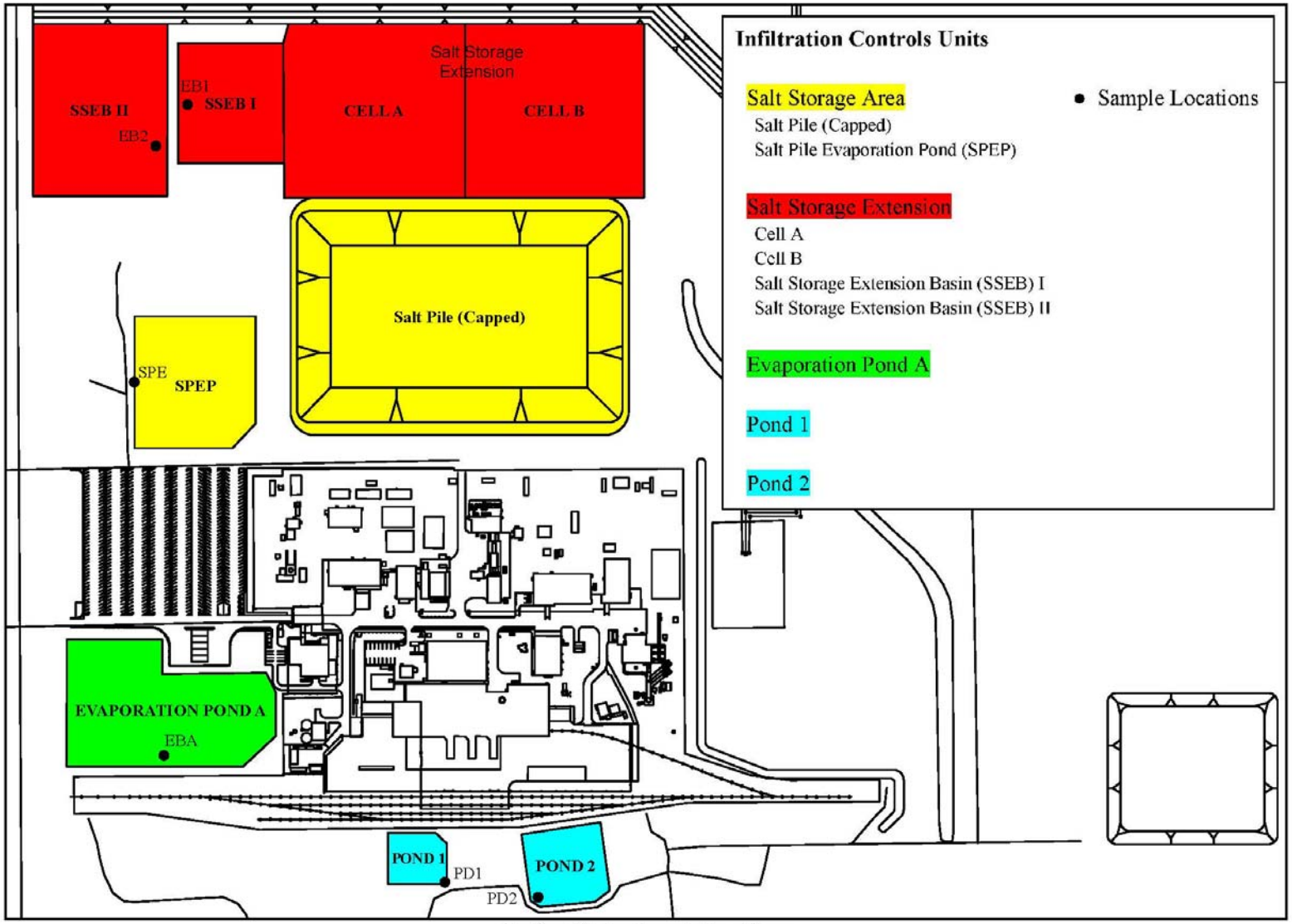
Note: Shaded cells in the table represent samples identified as a detectable concentration. Minimum detectable concentration (MDC) corresponds to the lowest concentration measurement that can be detected by the laboratory instrumentation.

MDC ranges are:

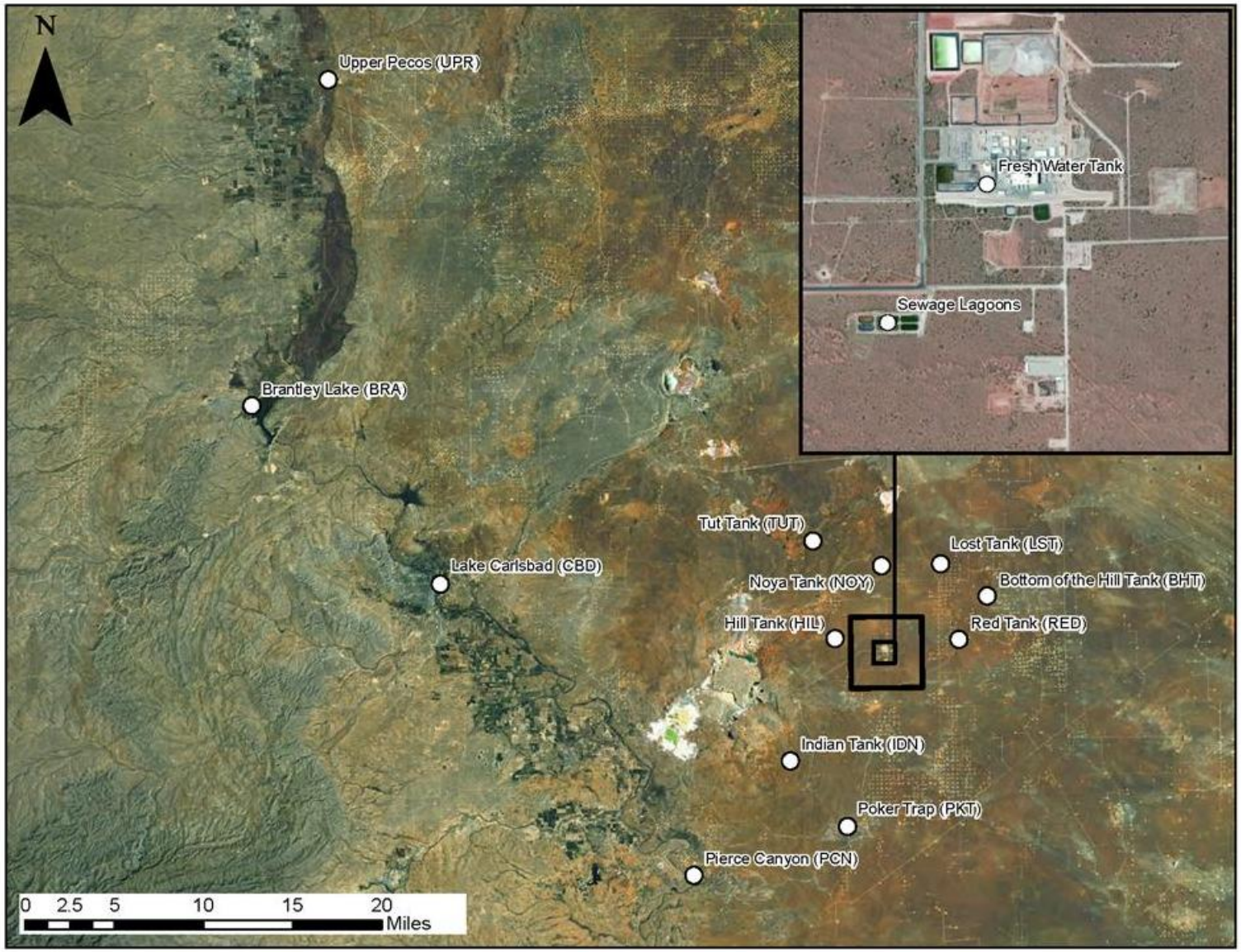
MDC Am-241 (dpm/sample): 1.89E-02 to 5.05E-01

MDC Pu-238 (dpm/sample): 1.89E-02 to 1.57E+01

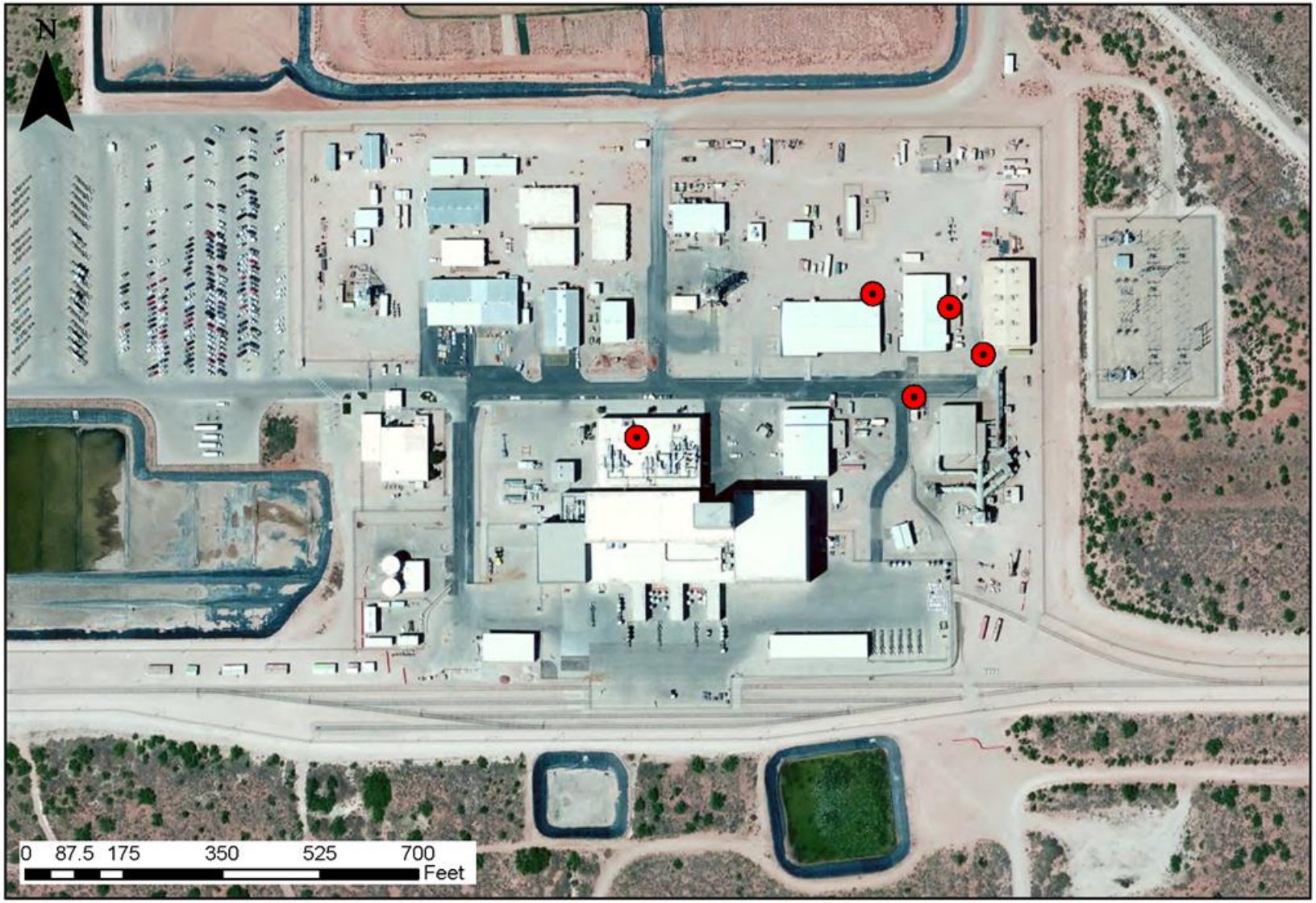
MDC Pu-239/240 (dpm/sample): 1.70E-02 to 5.94E-01



Surface Water Sample Locations

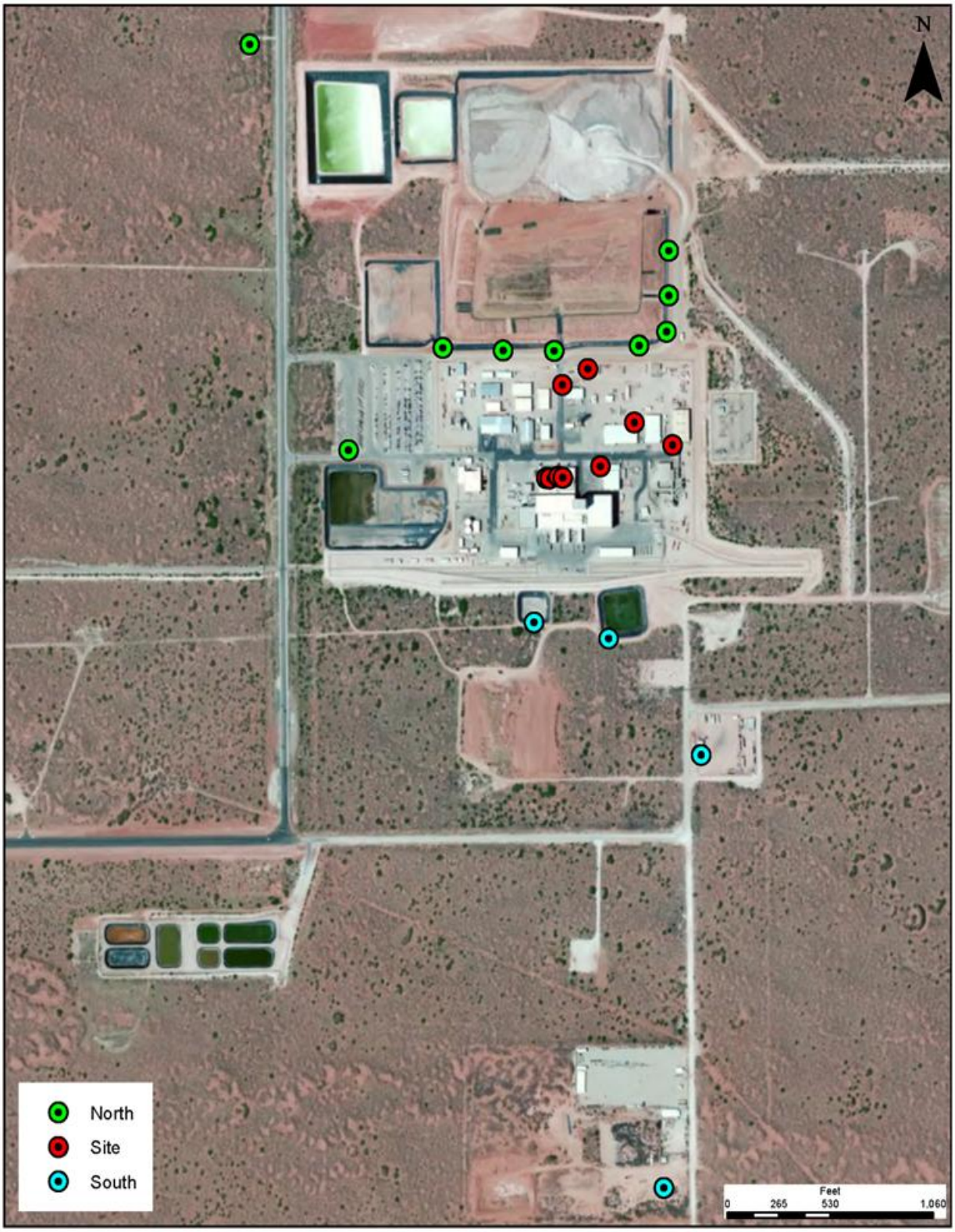


Surface Water Sample Locations (continued)



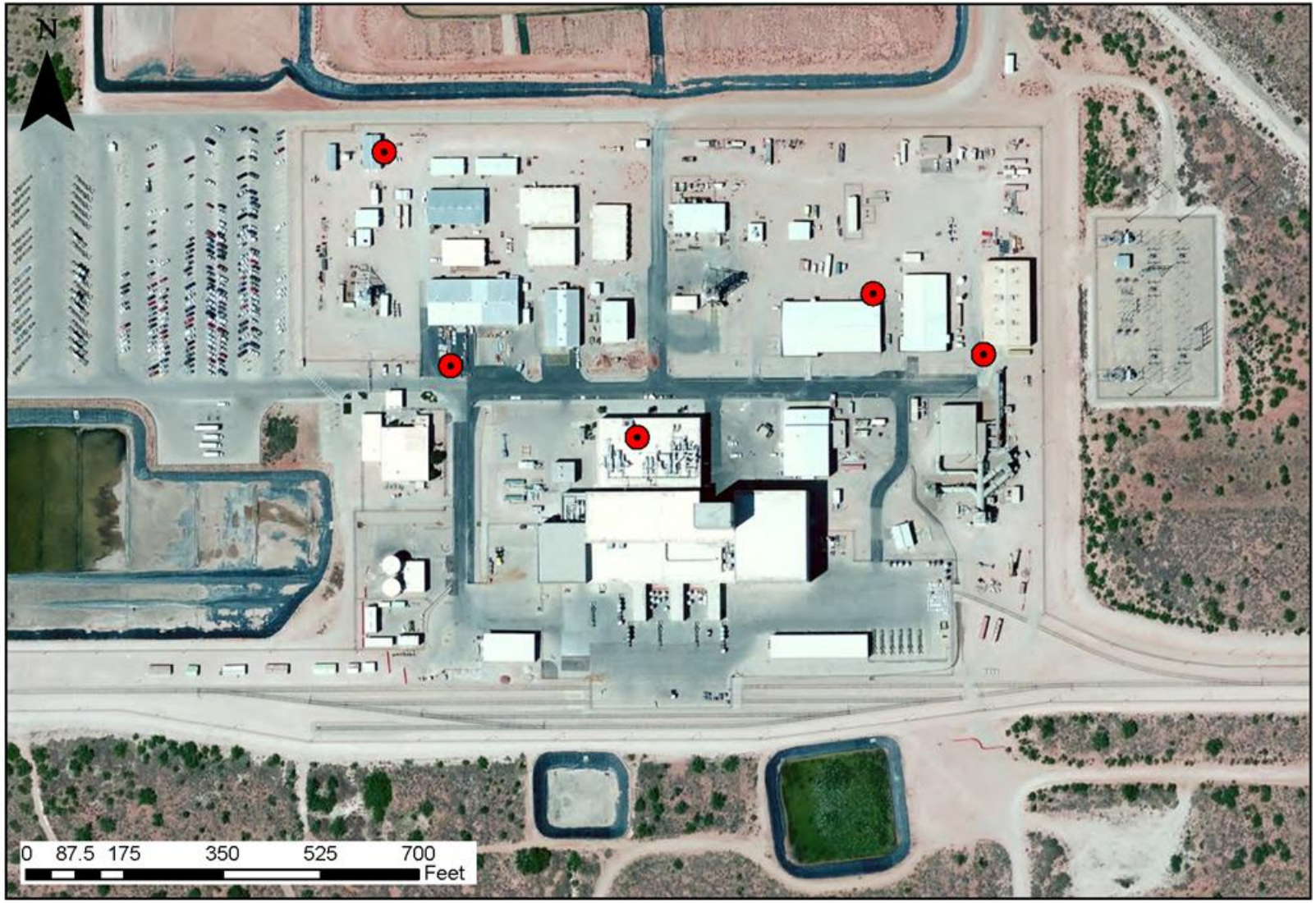
Surface Water Sample Locations (continued)

Sample of Opportunity, March 2, 2014



Surface Water Sample Locations (continued)

Sample of Opportunity, March 16, 2014



Surface Water Sample Locations (continued)

Sample of Opportunity, March 26, 2014

Environmental Monitoring & Hydrology Surface Water Sampling

July 13, 2014

Location	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/L)	Pu-238 (dpm/L)	Pu-239/240 (dpm/L)
SWIC Evaporation Basin A	WS-EBA-20140219-1.2	2/19/2014	Below MDC	Below MDC	Below MDC
SWIC Evaporation Basin A	WS-EBA-20140219-2.2	2/19/2014	Below MDC	Below MDC	Below MDC
Salt Pile Evaporation Pond	WS-SPE-20140219-1.1	2/19/2014	Below MDC	Below MDC	Below MDC
Salt Storage Extension Basin I	WS-EB1-20140219-1.1	2/19/2014	Below MDC	Below MDC	Below MDC
Salt Storage Extension Basin II	WS-EB2-20140219-1.1	2/19/2014	Below MDC	Below MDC	Below MDC
SWIC Pond 1	WS-PD1-20140219-1.1	2/19/2014	Below MDC	Below MDC	Below MDC
SWIC Pond 2	WS-PD2-20140219-1.1	2/19/2014	Below MDC	Below MDC	Below MDC
Blank	WS-BLK-20140219-1.1	2/19/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity*	WS-SOO-20140302-1.2	3/2/2014	**9.69E-01**	Below MDC	**7.48E-02**
Sample of Opportunity (Dupe)*	WS-SOO-20140302-2.2	3/2/2014	**3.93E-01**	Below MDC	Below MDC
Blank	WS-BLK-20140302-1.1	3/2/2014	Below MDC	Below MDC	Below MDC
Hill Tank	WS-HIL-20140312-1.2	3/12/2014	Below MDC	Below MDC	Below MDC
Hill Tank	WS-HIL-20140312-2.2	3/12/2014	Below MDC	Below MDC	Below MDC
Fresh Water Tank	WS-FWT-20140312-1.1	3/12/2014	Below MDC	Below MDC	Below MDC
Tut Tank	WS-TUT-20140313-1.1	3/13/2014	Below MDC	Below MDC	Below MDC
Pierce Canyon	WS-PCN-20140313-1.1	3/13/2014	Below MDC	Below MDC	Below MDC
Carlsbad	WS-CBD-20140313-1.2	3/13/2014	Below MDC	Below MDC	Below MDC
Carlsbad (Dupe)	WS-CBD-20140313-2.2	3/13/2014	Below MDC	Below MDC	Below MDC
Brantley Lake	WS-BRA-20140314-1.1	3/14/2014	Below MDC	Below MDC	Below MDC
Upper Pecos River	WS-UPR-20140314-1.1	3/14/2014	Below MDC	Below MDC	Below MDC
Coyote Well	WS-COW-20140314-1.1	3/14/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity†	WS-SOO-20140316-1.5	3/16/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity (Dupe)†	WS-SOO-20140316-2.5	3/16/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity†	WS-SOO-20140316-3.5	3/16/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity†	WS-SOO-20140316-4.5	3/16/2014	Below MDC	Below MDC	Below MDC
Blank	WS-SOO-20140316-5.5	3/16/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity*	WS-SOO-20140326-1.2	3/26/2014	**1.60E-01**	Below MDC	Below MDC
Sample of Opportunity (Dupe)*	WS-SOO-20140326-2.2	3/26/2014	**9.07E-02**	Below MDC	Below MDC
Blank	WS-BLK-20140326-1.1	3/26/2014	Below MDC	Below MDC	Below MDC
Sewage Lagoons	WS-SWL-20140416-1.1	4/16/2014	Below MDC	Below MDC	Below MDC
SWIC Pond 1	WS-PD1-20140423-1.1	4/23/2014	Below MDC	Below MDC	Below MDC
SWIC Pond 2	WS-PD2-20140423-1.2	4/23/2014	Below MDC	Below MDC	Below MDC
SWIC Pond 2	WS-PD2-20140423-2.2	4/23/2014	Below MDC	Below MDC	Below MDC
SWIC Evaporation Basin A	WS-EBA-20140423-1.1	4/23/2014	Below MDC	Below MDC	Below MDC
Blank	WS-BLK-20140423-1.1	4/23/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity†	WS-SOO-20140524-1.2	5/24/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity (Dupe)†	WS-SOO-20140524-2.2	5/24/2014	Below MDC	Below MDC	Below MDC
Blank	WS-BLK-20140528-1.1	5/28/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity†	WS-SOO-20140609-1.6	6/9/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity†	WS-SOO-20140609-2.6	6/9/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity†	WS-SOO-20140609-3.6	6/9/2014	Below MDC	Below MDC	Below MDC

Environmental Monitoring & Hydrology Surface Water Sampling

July 13, 2014

Location	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/L)	Pu-238 (dpm/L)	Pu-239/240 (dpm/L)
Sample of Opportunity (Dupe)†	WS-SOO-20140609-4.6	6/9/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity†	WS-SOO-20140609-5.6	6/9/2014	Below MDC	Below MDC	Below MDC
Blank	WS-SOO-20140609-6.6	6/9/2014	Below MDC	Below MDC	Below MDC

* These samples were collected during a rain event. The samples were taken from the WIPP site building roof top and roadway drainage. Highest concentration is about 3% of the EPA drinking water standard for alpha radioactivity, and represents the only signature of deposition close to the release that has been identified to date.

† These samples were collected during an opportunistic rain event. The samples were taken from the WIPP site building roof top and roadway drainage.

Note: Shaded cells in the table represent samples identified as a detectable concentration. Sediment sample locations are co-located with off-site surface water sample locations. Surface water samples are collected when water is available.

MDC ranges are:

MDC Am-241 (dpm/L): 4.34E-02 to 7.78E-02

MDC Pu-238 (dpm/L): 3.30E-02 to 6.69E-02

MDC Pu-239/240 (dpm/L): 3.01E-02 to 5.92E-02

Environmental Monitoring & Hydrology Sediment Sampling

July 13, 2014

Location	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/g)	Pu-238 (dpm/g)	Pu-239/240 (dpm/g)
Red Tank	SB-RED-20140312-1.1	3/12/2014	Below MDC	Below MDC	Below MDC
Bottom of the Hill Tank	SB-BHT-20140312-1.1	3/12/2014	Below MDC	Below MDC	Below MDC
Noya Tank	SB-NOY-20140312-1.1	3/12/2014	Below MDC	Below MDC	Below MDC
Hill Tank	SB-HIL-20140312-1.2	3/12/2014	Below MDC	Below MDC	Below MDC
Hill Tank	SB-HIL-20140312-2.2	3/12/2014	Below MDC	Below MDC	Below MDC
Lost Tank	SB-LST-20140312-1.1	3/12/2014	Below MDC	Below MDC	Below MDC
Tut Tank	SB-TUT-20140313-1.1	3/13/2014	Below MDC	Below MDC	Below MDC
Pierce Canyon	SB-PCN-20140313-1.1	3/13/2014	Below MDC	Below MDC	Below MDC
Carlsbad	SB-CBD-20140313-1.2	3/13/2014	Below MDC	Below MDC	Below MDC
Carlsbad	SB-CBD-20140313-2.2	3/13/2014	Below MDC	Below MDC	Below MDC
Poker Trap	SB-PKT-20140313-1.1	3/13/2014	Below MDC	Below MDC	Below MDC
Indian Tank	SB-IND-20140313-1.1	3/13/2014	Below MDC	Below MDC	Below MDC
Brantley	SB-BRA-20140314-1.1	3/14/2014	Below MDC	Below MDC	Below MDC
Upper Pecos River	SB-UPR-20140314-1.1	3/14/2014	Below MDC	Below MDC	Below MDC

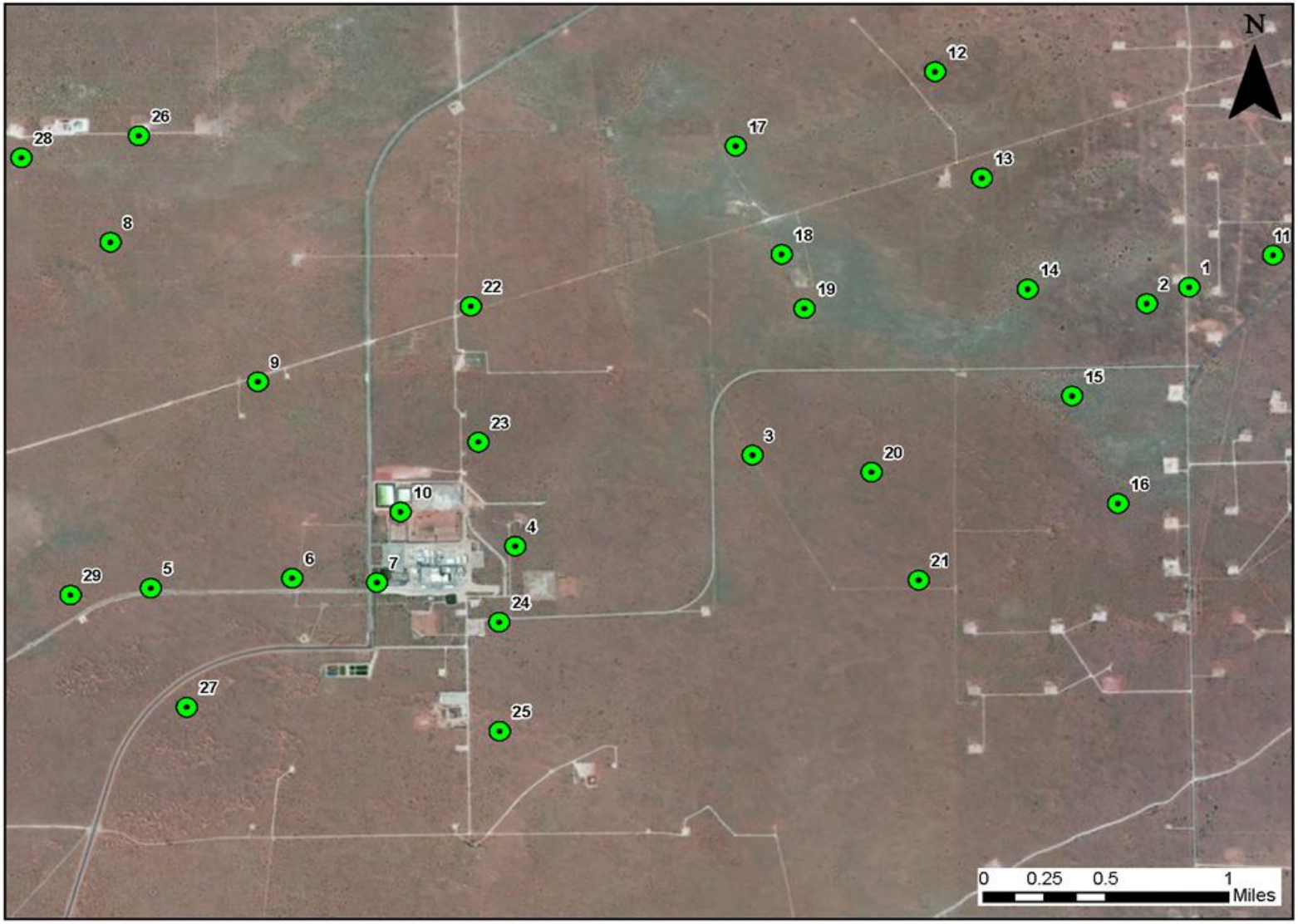
Note: Sediment sample locations are co-located with off-site surface water sample locations. Surface water samples are collected when water is available.

MDC ranges are:

MDC Am-241 (dpm/g): 3.11E-02 to 4.42E-02

MDC Pu-238 (dpm/g): 1.63E-02 to 3.26E-02

MDC Pu-239/240 (dpm/g): 3.12E-02 to 3.66E-02



Soil and Biota - Vegetation GPS Sample Locations

Environmental Monitoring & Hydrology Biota Sampling - Fauna

July 13, 2014

Tissue Type/Location	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/g)	Pu-238 (dpm/g)	Pu-239/240 (dpm/g)
Biotic Quail/WIPP East	BQ-WEE-20140325-1.1	3/25/2014	Below MDC	Below MDC	Below MDC

MDCs are:

MDC Am-241 (dpm/g): 2.41E-02

MDC Pu-238 (dpm/g): 1.68E-02

MDC Pu-239/240 (dpm/g): 8.63E-03

Environmental Monitoring & Hydrology Biota Sampling - Vegetation

July 13, 2014

Location	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/g)	Pu-238 (dpm/g)	Pu-239/240 (dpm/g)
WIPP Far Field	BV-WFF-20140221-1.2	2/21/2014	Below MDC	Below MDC	Below MDC
WIPP Far Field (Duplicate)	BV-WFF-20140221-2.2	2/21/2014	Below MDC	Below MDC	Below MDC
WIPP East	BV-WEE-20140221-1.1	2/21/2014	Below MDC	Below MDC	Below MDC
WIPP South	BV-WSS-20140222-1.1	2/22/2014	Below MDC	Below MDC	Below MDC
Smith Ranch	BV-SMR-20140222-1.1	2/22/2014	Below MDC	Below MDC	Below MDC
Mills Ranch	BV-MLR-20140222-1.1	2/22/2014	Below MDC	Below MDC	Below MDC
Southeast Control	BV-SEC-20140222-1.1	2/22/2014	Below MDC	Below MDC	Below MDC
GPS Location 1*	BV-SOO-20140319-1.1	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 2*	BV-SOO-20140319-1.2	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 3*	BV-SOO-20140319-1.3	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 4*	BV-SOO-20140319-1.4	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 5*	BV-SOO-20140321-1.5	3/21/2014	Below MDC	Below MDC	Below MDC
GPS Location 6*	BV-SOO-20140321-1.6	3/21/2014	Below MDC	Below MDC	Below MDC
GPS Location 7*	BV-SOO-20140320-1.7	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 8*	BV-SOO-20140321-1.8	3/21/2014	Below MDC	Below MDC	Below MDC
GPS Location 9*	BV-SOO-20140320-1.9	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 10*	BV-SOO-20140319-1.10	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 11*	BV-SOO-20140319-1.11	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 12*	BV-SOO-20140319-1.12	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 13*	BV-SOO-20140319-1.13	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 14*	BV-SOO-20140319-1.14	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 15*	BV-SOO-20140319-1.15	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 16*	BV-SOO-20140319-1.16	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 17*	BV-SOO-20140320-1.17	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 18*	BV-SOO-20140320-1.18	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 19*	BV-SOO-20140320-1.19	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 20*	BV-SOO-20140319-1.20	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 21*	BV-SOO-20140319-1.21	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 22*	BV-SOO-20140320-1.22	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 23*	BV-SOO-20140320-1.23	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 24*	BV-SOO-20140319-1.24	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 25*	BV-SOO-20140319-1.25	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 26*	BV-SOO-20140321-1.26	3/21/2014	Below MDC	Below MDC	Below MDC
GPS Location 27*	BV-SOO-20140320-1.27	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 28*	BV-SOO-20140321-1.28	3/21/2014	Below MDC	Below MDC	Below MDC
GPS Location 29*	BV-SOO-20140321-1.29	3/21/2014	Below MDC	Below MDC	Below MDC
GPS Location 10 (Duplicate)*	BV-SOO-20140319-2.10	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 18 (Duplicate)*	BV-SOO-20140320-2.18	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 6 (Duplicate)*	BV-SOO-20140321-2.6	3/21/2014	Below MDC	Below MDC	Below MDC

* These sampling sites are being accounted for via GPS location identifiers and field stakes.

Environmental Monitoring & Hydrology Biota Sampling - Vegetation

July 13, 2014

Location	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/g)	Pu-238 (dpm/g)	Pu-239/240 (dpm/g)

Note: Vegetation samples were collected adjacent to air sampling locations.

MDC ranges are:

MDC Am-241 (dpm/g): 2.32E-02 to 3.38E-02

MDC Pu-238 (dpm/g): 1.68E-02 to 2.17E-02

MDC Pu-239/240 (dpm/g): 1.04E-02 to 2.88E-02

Environmental Monitoring & Hydrology Soil Sampling

July 13, 2014

Location/Depth	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/g)	Pu-238 (dpm/g)	Pu-239/240 (dpm/g)
WIPP Far Field Surface Sample (0-2 cm)	SS-WFF-20140213-1.1	2/13/2014	Below MDC	Below MDC	Below MDC
WIPP Far Field Intermediate Sample (2-5 cm)	SI-WFF-20140213-1.1	2/13/2014	Below MDC	Below MDC	Below MDC
WIPP Far Field Deep Sample (5-10 cm)	SD-WFF-20140213-1.1	2/13/2014	Below MDC	Below MDC	Below MDC
WIPP East Surface Sample (0-2 cm)	SS-WEE-20140213-1.1	2/13/2014	Below MDC	Below MDC	Below MDC
WIPP East Intermediate Sample (2-5 cm)	SI-WEE-20140213-1.1	2/13/2014	Below MDC	Below MDC	Below MDC
WIPP East Deep Sample (5-10 cm)	SD-WEE-20140213-1.1	2/13/2014	Below MDC	Below MDC	Below MDC
WIPP South Surface Sample (0-2 cm)	SS-WSS-20140214-1.1	2/14/2014	Below MDC	Below MDC	Below MDC
WIPP South Intermediate Sample (2-5 cm)	SI-WSS-20140214-1.1	2/14/2014	Below MDC	Below MDC	Below MDC
WIPP South Deep Sample (5-10 cm)	SD-WSS-20140214-1.1	2/14/2014	Below MDC	Below MDC	Below MDC
WIPP Far Field Surface Sample (0-2 cm)	SS-WFF-20140217-1.2	2/17/2014	Below MDC	Below MDC	Below MDC
WIPP Far Field Intermediate Sample (2-5 cm)	SI-WFF-20140217-1.2	2/17/2014	Below MDC	Below MDC	Below MDC
WIPP Far Field Deep Sample (5-10 cm)	SD-WFF-20140217-1.2	2/17/2014	Below MDC	Below MDC	Below MDC
WIPP Far Field Surface Sample (0-2 cm)	SS-WFF-20140217-2.2	2/17/2014	Below MDC	Below MDC	Below MDC
WIPP Far Field Intermediate Sample (2-5 cm)	SI-WFF-20140217-2.2	2/17/2014	Below MDC	Below MDC	Below MDC
WIPP Far Field Deep Sample (5-10 cm)	SD-WFF-20140217-2.2	2/17/2014	Below MDC	Below MDC	Below MDC
WIPP East Surface Sample (0-2 cm)	SS-WEE-20140217-1.1	2/17/2014	Below MDC	Below MDC	Below MDC
WIPP East Intermediate Sample (2-5 cm)	SI-WEE-20140217-1.1	2/17/2014	Below MDC	Below MDC	Below MDC
WIPP East Deep Sample (5-10 cm)	SD-WEE-20140217-1.1	2/17/2014	Below MDC	Below MDC	Below MDC
WIPP South Surface Sample (0-2 cm)	SS-WSS-20140217-1.1	2/17/2014	Below MDC	Below MDC	Below MDC
WIPP South Intermediate Sample (2-5 cm)	SI-WSS-20140217-1.1	2/17/2014	Below MDC	Below MDC	Below MDC
WIPP South Deep Sample (5-10 cm)	SD-WSS-20140217-1.1	2/17/2014	Below MDC	Below MDC	Below MDC
Mills Ranch Surface Sample (0-2 cm)*	SS-MLR-20140220-1.1	2/20/2014	Below MDC	Below MDC	**4.06E-02**
Mills Ranch Intermediate Sample (2-5 cm)	SI-MLR-20140220-1.1	2/20/2014	Below MDC	Below MDC	Below MDC
Mills Ranch Deep Sample (5-10 cm)	SD-MLR-20140220-1.1	2/20/2014	Below MDC	Below MDC	Below MDC
Smith Ranch Surface Sample (0-2 cm)	SS-SMR-20140220-1.1	2/20/2014	Below MDC	Below MDC	Below MDC
Smith Ranch Intermediate Sample (2-5 cm)	SI-SMR-20140220-1.1	2/20/2014	Below MDC	Below MDC	Below MDC
Smith Ranch Deep Sample (5-10 cm)	SD-SMR-20140220-1.1	2/20/2014	Below MDC	Below MDC	Below MDC
Southeast Control Surface Sample (0-2 cm)	SS-SEC-20140220-1.2	2/20/2014	Below MDC	Below MDC	Below MDC
Southeast Control Intermediate Sample (2-5 cm)	SI-SEC-20140220-1.2	2/20/2014	Below MDC	Below MDC	Below MDC
Southeast Control Deep Sample (5-10 cm)	SD-SEC-20140220-1.2	2/20/2014	Below MDC	Below MDC	Below MDC
Southeast Control Surface Sample (0-2 cm)	SS-SEC-20140220-2.2	2/20/2014	Below MDC	Below MDC	Below MDC
Southeast Control Intermediate Sample (2-5 cm)	SI-SEC-20140220-2.2	2/20/2014	Below MDC	Below MDC	Below MDC
Southeast Control Deep Sample (5-10 cm)	SD-SEC-20140220-2.2	2/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 1 (0-2 cm)†	SS-SOO-20140319-1.1	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 2 (0-2 cm)†	SS-SOO-20140319-1.2	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 3 (0-2 cm)†	SS-SOO-20140319-1.3	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 4 (0-2 cm)†	SS-SOO-20140319-1.4	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 5 (0-2 cm)†	SS-SOO-20140321-1.5	3/21/2014	Below MDC	Below MDC	Below MDC
GPS Location 6 (0-2 cm)†	SS-SOO-20140321-1.6	3/21/2014	Below MDC	Below MDC	Below MDC
GPS Location 7 (0-2 cm)†	SS-SOO-20140320-1.7	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 8 (0-2 cm)†	SS-SOO-20140321-1.8	3/21/2014	Below MDC	Below MDC	Below MDC
GPS Location 9 (0-2 cm)†	SS-SOO-20140320-1.9	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 10 (0-2 cm)†	SS-SOO-20140319-1.10	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 11 (0-2 cm)†	SS-SOO-20140319-1.11	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 12 (0-2 cm)†	SS-SOO-20140319-1.12	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 13 (0-2 cm)†	SS-SOO-20140319-1.13	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 14 (0-2 cm)†	SS-SOO-20140319-1.14	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 15 (0-2 cm)†	SS-SOO-20140319-1.15	3/19/2014	Below MDC	Below MDC	Below MDC

Environmental Monitoring & Hydrology Soil Sampling

July 13, 2014

Location/Depth	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/g)	Pu-238 (dpm/g)	Pu-239/240 (dpm/g)
GPS Location 16 (0-2 cm)†	SS-SOO-20140319-1.16	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 17 (0-2 cm)†	SS-SOO-20140320-1.17	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 18 (0-2 cm)†	SS-SOO-20140320-1.18	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 19 (0-2 cm)†	SS-SOO-20140320-1.19	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 20 (0-2 cm)†	SS-SOO-20140319-1.20	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 21 (0-2 cm)†	SS-SOO-20140319-1.21	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 22 (0-2 cm)†	SS-SOO-20140320-1.22	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 23 (0-2 cm)†	SS-SOO-20140320-1.23	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 24 (0-2 cm)†	SS-SOO-20140319-1.24	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 25 (0-2 cm)†	SS-SOO-20140319-1.25	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 26 (0-2 cm)†	SS-SOO-20140321-1.26	3/21/2014	Below MDC	Below MDC	Below MDC
GPS Location 27 (0-2 cm)†	SS-SOO-20140320-1.27	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 28 (0-2 cm)†	SS-SOO-20140321-1.28	3/21/2014	Below MDC	Below MDC	Below MDC
GPS Location 29 (0-2 cm)†	SS-SOO-20140321-1.29	3/21/2014	Below MDC	Below MDC	Below MDC
GPS Location 10 (0-2 cm) (Duplicate)†	SS-SOO-20140319-2.10	3/19/2014	Below MDC	Below MDC	Below MDC
GPS Location 18 (0-2 cm) (Duplicate)†	SS-SOO-20140320-2.18	3/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 6 (0-2 cm) (Duplicate)†	SS-SOO-20140321-2.6	3/21/2014	Below MDC	Below MDC	Below MDC
Mills Ranch Surface Sample (0-2 cm)	SS-MLR-20140515-1.2	5/15/2014	Below MDC	Below MDC	Below MDC
Mills Ranch Surface Sample (0-2 cm) (Duplicate)‡	SS-MLR-20140515-2.2	5/15/2014	Below MDC	Below MDC	**2.38E-02**
GPS Location 27 (0-2 cm)†	SS-SOO-20140613-1.4	6/13/2014	Below MDC	Below MDC	Below MDC
GPS Location 29 (0-2 cm)†	SS-SOO-20140613-2.4	6/13/2014	Below MDC	Below MDC	Below MDC
H-7 Pad (0-2 cm)	SS-SOO-20140613-3.4	6/13/2014	Below MDC	Below MDC	Below MDC
H-7 Pad (0-2 cm) (Duplicate)	SS-SOO-20140613-4.4	6/13/2014	Below MDC	Below MDC	Below MDC

* The detection in this sample is within the range of historical results for this location. Value updated as a result of reanalysis by the analytical laboratory.

† These sampling sites are being accounted for via GPS location identifiers and field stakes.

‡ The detection in this sample is within the range of historical results for this location.

Note: Shaded cells in the table represent samples identified as a detectable concentration. Radionuclides are considered detected in an environmental sample if the measured concentration or activity is greater than the MDC and greater than the total propagated uncertainty (TPU) at the 2 sigma (σ) TPU level. To show a non-detect, “Below MDC” is used in the Table. The MDC is the lowest concentration measurement that can be detected by laboratory instrumentation; the TPU is an estimate of uncertainty in the measurement from all sources.

Minimum detectable concentration (MDC) ranges are:

MDC Am-241 (dpm/g): 2.62E-02 to 4.12E-02

MDC Pu-238 (dpm/g): 1.61E-02 to 2.71E-02

MDC Pu-239/240 (dpm/g): 3.17E-03 to 3.56E-02

Site Environmental Compliance Salt Pile Sampling

July 13, 2014

Location	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/g)	Pu-238 (dpm/g)	Pu-239/240 (dpm/g)
South Face of Salt Pile	WST-14-012	3/13/2014	Below MDC	Below MDC	Below MDC
East Face of Salt Pile	WST-14-013	3/13/2014	Below MDC	Below MDC	Below MDC
West Face of Salt Pile	WST-14-014	3/13/2014	Below MDC	Below MDC	Below MDC
South Ridge of Salt Pile, South of Salt Pile	WST-14-015	3/13/2014	Below MDC	Below MDC	Below MDC
North Ridge of Salt Pile, North of Salt Pile	WST-14-016	3/13/2014	Below MDC	Below MDC	Below MDC
South Face of Salt Pile (Duplicate)	WST-14-017	3/13/2014	Below MDC	Below MDC	Below MDC

Samples collected at the salt pile per procedure WP 02-EC1001.

MDC ranges are:

MDC Am-241 (dpm/g): 4.17E-02 to 5.03E-02

MDC Pu-238 (dpm/g): 2.84E-02 to 4.38E-02

MDC Pu-239/240 (dpm/g): 2.18E-02 to 2.43E-02

Attachment 5
Filter Differential Pressures

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	MOD	HIGH	HEPA 1	HEPA 2	MOD	HIGH	HEPA 1	HEPA 2
6/30/2014 0:00	0.26	0.41	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 0:30	0.25	0.41	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 1:00	0.25	0.41	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 1:30	0.25	0.41	1.16	1.16	0.21	0.35	1.26	1.20
6/30/2014 2:00	0.25	0.41	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 2:30	0.25	0.41	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 3:00	0.25	0.41	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 3:30	0.25	0.41	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 4:00	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 4:30	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 5:00	0.25	0.42	1.17	1.17	0.21	0.35	1.26	1.20
6/30/2014 5:30	0.25	0.42	1.16	1.17	0.22	0.35	1.26	1.20
6/30/2014 6:00	0.25	0.42	1.17	1.17	0.21	0.35	1.26	1.20
6/30/2014 6:30	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 7:00	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 7:30	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 8:00	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 8:30	0.25	0.42	1.17	1.18	0.21	0.35	1.27	1.21
6/30/2014 9:00	0.25	0.42	1.17	1.18	0.21	0.35	1.27	1.21
6/30/2014 9:30	0.25	0.42	1.17	1.17	0.21	0.35	1.27	1.21
6/30/2014 10:00	0.25	0.42	1.17	1.17	0.21	0.35	1.26	1.20
6/30/2014 10:30	0.25	0.42	1.17	1.17	0.21	0.35	1.26	1.20
6/30/2014 11:00	0.25	0.42	1.17	1.17	0.21	0.35	1.27	1.21
6/30/2014 11:30	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 12:00	0.24	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 12:30	0.24	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 13:00	0.24	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 13:30	0.24	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 14:00	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 14:30	0.24	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 15:00	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 15:30	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 16:00	0.24	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 16:30	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 17:00	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 17:30	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 18:00	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 18:30	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 19:00	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 19:30	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 20:00	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 20:30	0.25	0.42	1.16	1.17	0.21	0.35	1.26	1.20
6/30/2014 21:00	0.25	0.42	1.17	1.18	0.22	0.35	1.27	1.21
6/30/2014 21:30	0.25	0.42	1.17	1.18	0.21	0.35	1.27	1.21
6/30/2014 22:00	0.25	0.42	1.17	1.18	0.21	0.35	1.27	1.21
6/30/2014 22:30	0.25	0.42	1.17	1.18	0.21	0.35	1.27	1.21
6/30/2014 23:00	0.25	0.42	1.17	1.18	0.22	0.35	1.27	1.21
6/30/2014 23:30	0.25	0.42	1.17	1.18	0.21	0.35	1.27	1.21
7/1/2014 0:00	0.25	0.41	1.17	1.18	0.22	0.35	1.28	1.21
7/1/2014 0:30	0.25	0.41	1.18	1.18	0.21	0.35	1.27	1.21
7/1/2014 1:00	0.25	0.41	1.17	1.18	0.21	0.35	1.27	1.21
7/1/2014 1:30	0.25	0.41	1.18	1.18	0.21	0.35	1.27	1.21
7/1/2014 2:00	0.25	0.41	1.18	1.18	0.21	0.35	1.28	1.21
7/1/2014 2:30	0.25	0.41	1.18	1.18	0.22	0.35	1.28	1.21
7/1/2014 3:00	0.25	0.41	1.18	1.18	0.22	0.35	1.28	1.21
7/1/2014 3:30	0.25	0.41	1.17	1.18	0.22	0.35	1.28	1.21

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	MOD	HIGH	HEPA 1	HEPA 2	MOD	HIGH	HEPA 1	HEPA 2
7/1/2014 4:00	0.25	0.41	1.18	1.18	0.22	0.35	1.28	1.21
7/1/2014 4:30	0.25	0.41	1.17	1.17	0.21	0.35	1.27	1.21
7/1/2014 5:00	0.25	0.41	1.18	1.18	0.22	0.35	1.28	1.21
7/1/2014 5:30	0.25	0.41	1.18	1.18	0.22	0.35	1.28	1.22
7/1/2014 6:00	0.26	0.42	1.18	1.19	0.22	0.35	1.28	1.22
7/1/2014 6:30	0.25	0.42	1.19	1.19	0.22	0.35	1.28	1.22
7/1/2014 7:00	0.25	0.42	1.17	1.18	0.21	0.35	1.28	1.21
7/1/2014 7:30	0.25	0.42	1.18	1.18	0.21	0.35	1.27	1.21
7/1/2014 8:00	0.25	0.42	1.18	1.18	0.21	0.35	1.28	1.22
7/1/2014 8:30	0.25	0.42	1.18	1.18	0.22	0.35	1.28	1.22
7/1/2014 9:00	0.25	0.42	1.18	1.18	0.21	0.35	1.28	1.22
7/1/2014 9:30	0.25	0.42	1.18	1.18	0.21	0.35	1.28	1.21
7/1/2014 10:00	0.25	0.42	1.18	1.18	0.22	0.35	1.27	1.21
7/1/2014 10:30	0.25	0.42	1.17	1.18	0.22	0.35	1.28	1.22
7/1/2014 11:00	0.25	0.42	1.17	1.17	0.21	0.35	1.27	1.21
7/1/2014 11:30	0.25	0.42	1.17	1.18	0.22	0.35	1.27	1.21
7/1/2014 12:00	0.25	0.42	1.18	1.18	0.21	0.35	1.27	1.21
7/1/2014 12:30	0.25	0.42	1.17	1.17	0.21	0.35	1.27	1.21
7/1/2014 13:00	0.25	0.42	1.17	1.17	0.21	0.35	1.27	1.21
7/1/2014 13:30	0.25	0.42	1.17	1.17	0.21	0.35	1.27	1.20
7/1/2014 14:00	0.25	0.42	1.17	1.17	0.21	0.35	1.27	1.21
7/1/2014 14:30	0.25	0.42	1.16	1.17	0.21	0.35	1.27	1.21
7/1/2014 15:00	0.25	0.42	1.17	1.18	0.21	0.35	1.27	1.21
7/1/2014 15:30	0.25	0.42	1.17	1.18	0.21	0.35	1.27	1.21
7/1/2014 16:00	0.25	0.42	1.17	1.18	0.21	0.35	1.27	1.21
7/1/2014 16:30	0.25	0.42	1.17	1.18	0.21	0.35	1.27	1.21
7/1/2014 17:00	0.25	0.42	1.17	1.17	0.21	0.35	1.27	1.20
7/1/2014 17:30	0.25	0.42	1.17	1.17	0.21	0.35	1.27	1.20
7/1/2014 18:00	0.25	0.42	1.17	1.17	0.21	0.35	1.27	1.21
7/1/2014 18:30	0.25	0.42	1.16	1.17	0.21	0.35	1.27	1.20
7/1/2014 19:00	0.25	0.42	1.17	1.18	0.21	0.35	1.27	1.21
7/1/2014 19:30	0.25	0.42	1.17	1.18	0.21	0.35	1.27	1.20
7/1/2014 20:00	0.25	0.42	1.18	1.18	0.21	0.35	1.27	1.21
7/1/2014 20:30	0.25	0.42	1.18	1.19	0.22	0.35	1.28	1.22
7/1/2014 21:00	0.26	0.42	1.18	1.19	0.22	0.35	1.28	1.21
7/1/2014 21:30	0.25	0.42	1.18	1.18	0.22	0.35	1.28	1.21
7/1/2014 22:00	0.25	0.42	1.18	1.19	0.22	0.35	1.28	1.21
7/1/2014 22:30	0.25	0.42	1.18	1.18	0.22	0.35	1.28	1.22
7/1/2014 23:00	0.26	0.42	1.18	1.19	0.22	0.35	1.28	1.22
7/1/2014 23:30	0.25	0.42	1.18	1.19	0.22	0.35	1.28	1.22
7/2/2014 0:00	0.25	0.42	1.18	1.18	0.22	0.35	1.28	1.21
7/2/2014 0:30	0.25	0.42	1.18	1.18	0.22	0.35	1.28	1.22
7/2/2014 1:00	0.25	0.42	1.18	1.19	0.21	0.35	1.28	1.22
7/2/2014 1:30	0.25	0.42	1.18	1.19	0.22	0.35	1.28	1.22
7/2/2014 2:00	0.25	0.42	1.18	1.19	0.22	0.35	1.28	1.22
7/2/2014 2:30	0.25	0.42	1.19	1.19	0.22	0.35	1.28	1.22
7/2/2014 3:00	0.25	0.42	1.19	1.19	0.22	0.35	1.29	1.22
7/2/2014 3:30	0.26	0.42	1.18	1.19	0.22	0.35	1.29	1.22
7/2/2014 4:00	0.26	0.42	1.19	1.19	0.22	0.35	1.29	1.22
7/2/2014 4:30	0.25	0.42	1.19	1.19	0.22	0.35	1.29	1.22
7/2/2014 5:00	0.26	0.42	1.19	1.19	0.22	0.35	1.29	1.23
7/2/2014 5:30	0.25	0.42	1.19	1.19	0.22	0.35	1.29	1.22
7/2/2014 6:00	0.25	0.42	1.19	1.19	0.22	0.35	1.29	1.22
7/2/2014 6:30	0.26	0.42	1.19	1.19	0.22	0.35	1.29	1.22
7/2/2014 7:00	0.26	0.42	1.20	1.19	0.22	0.35	1.29	1.23
7/2/2014 7:30	0.26	0.42	1.20	1.20	0.22	0.35	1.30	1.23

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	MOD	HIGH	HEPA 1	HEPA 2	MOD	HIGH	HEPA 1	HEPA 2
7/2/2014 8:00	0.25	0.42	1.20	1.20	0.22	0.35	1.30	1.23
7/2/2014 8:30	0.26	0.42	1.20	1.20	0.22	0.35	1.30	1.23
7/2/2014 9:00	0.25	0.42	1.20	1.20	0.22	0.35	1.30	1.23
7/2/2014 9:30	0.26	0.42	1.19	1.20	0.22	0.35	1.29	1.23
7/2/2014 10:00	0.25	0.42	1.19	1.19	0.22	0.35	1.29	1.23
7/2/2014 10:30	0.25	0.42	1.19	1.19	0.22	0.35	1.29	1.23
7/2/2014 11:00	0.25	0.42	1.19	1.19	0.22	0.35	1.29	1.23
7/2/2014 11:30	0.25	0.42	1.19	1.19	0.22	0.35	1.29	1.23
7/2/2014 12:00	0.26	0.42	1.19	1.19	0.22	0.35	1.29	1.23
7/2/2014 12:30	0.25	0.42	1.18	1.19	0.22	0.35	1.28	1.22
7/2/2014 13:00	0.25	0.42	1.17	1.18	0.21	0.35	1.28	1.22
7/2/2014 13:30	0.24	0.41	1.13	1.12	0.20	0.35	1.22	1.16
7/2/2014 14:00	0.23	0.40	1.10	1.11	0.20	0.34	1.20	1.14
7/2/2014 14:30	0.23	0.40	1.10	1.10	0.20	0.34	1.20	1.14
7/2/2014 15:00	0.23	0.40	1.10	1.11	0.20	0.34	1.20	1.14
7/2/2014 15:30	0.23	0.40	1.10	1.10	0.20	0.34	1.20	1.14
7/2/2014 16:00	0.23	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/2/2014 16:30	0.23	0.40	1.10	1.10	0.20	0.34	1.20	1.13
7/2/2014 17:00	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/2/2014 17:30	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.14
7/2/2014 18:00	0.23	0.39	1.10	1.10	0.20	0.34	1.20	1.14
7/2/2014 18:30	0.24	0.39	1.10	1.11	0.20	0.34	1.20	1.14
7/2/2014 19:00	0.24	0.39	1.10	1.11	0.20	0.34	1.21	1.14
7/2/2014 19:30	0.24	0.39	1.11	1.11	0.21	0.34	1.20	1.14
7/2/2014 20:00	0.24	0.39	1.11	1.11	0.21	0.34	1.21	1.15
7/2/2014 20:30	0.24	0.39	1.10	1.11	0.21	0.34	1.20	1.15
7/2/2014 21:00	0.24	0.39	1.11	1.11	0.20	0.34	1.21	1.15
7/2/2014 21:30	0.24	0.39	1.11	1.11	0.20	0.34	1.20	1.15
7/2/2014 22:00	0.24	0.39	1.11	1.11	0.21	0.34	1.21	1.15
7/2/2014 22:30	0.24	0.39	1.11	1.11	0.20	0.34	1.21	1.15
7/2/2014 23:00	0.24	0.39	1.11	1.11	0.20	0.34	1.21	1.15
7/2/2014 23:30	0.24	0.39	1.12	1.11	0.20	0.34	1.21	1.15
7/3/2014 0:00	0.24	0.39	1.12	1.11	0.21	0.34	1.21	1.15
7/3/2014 0:30	0.24	0.39	1.12	1.11	0.20	0.34	1.21	1.15
7/3/2014 1:00	0.24	0.39	1.11	1.11	0.21	0.34	1.21	1.15
7/3/2014 1:30	0.24	0.39	1.11	1.11	0.20	0.34	1.21	1.15
7/3/2014 2:00	0.24	0.39	1.12	1.11	0.21	0.34	1.21	1.15
7/3/2014 2:30	0.24	0.39	1.12	1.11	0.20	0.34	1.21	1.15
7/3/2014 3:00	0.24	0.39	1.12	1.11	0.20	0.34	1.21	1.15
7/3/2014 3:30	0.24	0.39	1.12	1.11	0.20	0.34	1.21	1.15
7/3/2014 4:00	0.24	0.39	1.12	1.11	0.21	0.34	1.21	1.15
7/3/2014 4:30	0.24	0.39	1.12	1.11	0.21	0.34	1.21	1.15
7/3/2014 5:00	0.24	0.39	1.12	1.11	0.21	0.34	1.21	1.15
7/3/2014 5:30	0.24	0.39	1.12	1.12	0.21	0.34	1.21	1.15
7/3/2014 6:00	0.24	0.39	1.12	1.11	0.20	0.34	1.21	1.15
7/3/2014 6:30	0.24	0.39	1.12	1.11	0.20	0.34	1.21	1.15
7/3/2014 7:00	0.24	0.39	1.12	1.11	0.20	0.34	1.21	1.15
7/3/2014 7:30	0.24	0.40	1.11	1.11	0.21	0.34	1.21	1.15
7/3/2014 8:00	0.24	0.41	1.12	1.11	0.20	0.34	1.21	1.15
7/3/2014 8:30	0.24	0.41	1.11	1.11	0.20	0.34	1.21	1.15
7/3/2014 9:00	0.24	0.40	1.11	1.11	0.20	0.34	1.21	1.15
7/3/2014 9:30	0.24	0.40	1.11	1.11	0.21	0.34	1.21	1.15
7/3/2014 10:00	0.24	0.40	1.11	1.11	0.20	0.34	1.21	1.15
7/3/2014 10:30	0.23	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/3/2014 11:00	0.24	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/3/2014 11:30	0.23	0.40	1.10	1.10	0.20	0.34	1.20	1.14

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	MOD	HIGH	HEPA 1	HEPA 2	MOD	HIGH	HEPA 1	HEPA 2
7/3/2014 12:00	0.23	0.40	1.10	1.10	0.20	0.34	1.20	1.14
7/3/2014 12:30	0.24	0.40	1.10	1.10	0.20	0.34	1.20	1.15
7/3/2014 13:00	0.23	0.40	1.10	1.10	0.20	0.34	1.20	1.14
7/3/2014 13:30	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/3/2014 14:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/3/2014 14:30	0.24	0.40	1.10	1.10	0.20	0.34	1.20	1.14
7/3/2014 15:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/3/2014 15:30	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/3/2014 16:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/3/2014 16:30	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/3/2014 17:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/3/2014 17:30	0.24	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/3/2014 18:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/3/2014 18:30	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/3/2014 19:00	0.24	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/3/2014 19:30	0.24	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/3/2014 20:00	0.24	0.40	1.10	1.10	0.20	0.34	1.20	1.14
7/3/2014 20:30	0.24	0.40	1.11	1.11	0.20	0.34	1.20	1.14
7/3/2014 21:00	0.24	0.40	1.10	1.10	0.20	0.34	1.20	1.14
7/3/2014 21:30	0.24	0.40	1.10	1.10	0.20	0.34	1.20	1.14
7/3/2014 22:00	0.24	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/3/2014 22:30	0.24	0.40	1.11	1.11	0.20	0.34	1.20	1.14
7/3/2014 23:00	0.24	0.40	1.11	1.10	0.20	0.34	1.20	1.15
7/3/2014 23:30	0.24	0.40	1.11	1.11	0.20	0.34	1.20	1.14
7/4/2014 0:00	0.24	0.40	1.11	1.11	0.20	0.34	1.20	1.14
7/4/2014 0:30	0.24	0.40	1.11	1.11	0.20	0.34	1.21	1.14
7/4/2014 1:00	0.24	0.40	1.11	1.11	0.20	0.34	1.21	1.15
7/4/2014 1:30	0.23	0.40	1.11	1.11	0.20	0.34	1.21	1.15
7/4/2014 2:00	0.24	0.40	1.11	1.11	0.20	0.34	1.20	1.15
7/4/2014 2:30	0.24	0.40	1.11	1.11	0.20	0.34	1.21	1.15
7/4/2014 3:00	0.24	0.40	1.11	1.11	0.21	0.34	1.21	1.15
7/4/2014 3:30	0.24	0.40	1.11	1.11	0.20	0.34	1.21	1.15
7/4/2014 4:00	0.24	0.40	1.11	1.11	0.20	0.34	1.21	1.14
7/4/2014 4:30	0.24	0.40	1.11	1.11	0.20	0.34	1.21	1.15
7/4/2014 5:00	0.24	0.40	1.11	1.11	0.21	0.34	1.21	1.15
7/4/2014 5:30	0.24	0.40	1.11	1.11	0.21	0.34	1.21	1.15
7/4/2014 6:00	0.24	0.40	1.11	1.11	0.20	0.34	1.21	1.15
7/4/2014 6:30	0.24	0.40	1.11	1.11	0.20	0.34	1.21	1.15
7/4/2014 7:00	0.23	0.40	1.11	1.10	0.20	0.34	1.21	1.15
7/4/2014 7:30	0.24	0.40	1.11	1.11	0.20	0.34	1.21	1.15
7/4/2014 8:00	0.24	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/4/2014 8:30	0.24	0.40	1.11	1.11	0.21	0.34	1.20	1.15
7/4/2014 9:00	0.24	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/4/2014 9:30	0.23	0.40	1.11	1.11	0.20	0.34	1.20	1.14
7/4/2014 10:00	0.23	0.40	1.10	1.10	0.21	0.34	1.20	1.14
7/4/2014 10:30	0.24	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/4/2014 11:00	0.24	0.40	1.11	1.10	0.20	0.34	1.19	1.14
7/4/2014 11:30	0.23	0.40	1.11	1.10	0.20	0.34	1.19	1.14
7/4/2014 12:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/4/2014 12:30	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/4/2014 13:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/4/2014 13:30	0.23	0.40	1.10	1.09	0.20	0.34	1.19	1.13
7/4/2014 14:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/4/2014 14:30	0.24	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/4/2014 15:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/4/2014 15:30	0.23	0.40	1.09	1.10	0.20	0.34	1.19	1.13

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	MOD	HIGH	HEPA 1	HEPA 2	MOD	HIGH	HEPA 1	HEPA 2
7/4/2014 16:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/4/2014 16:30	0.23	0.40	1.09	1.10	0.20	0.34	1.19	1.13
7/4/2014 17:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/4/2014 17:30	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/4/2014 18:00	0.24	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/4/2014 18:30	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/4/2014 19:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/4/2014 19:30	0.24	0.40	1.09	1.10	0.20	0.34	1.19	1.13
7/4/2014 20:00	0.24	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/4/2014 20:30	0.24	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/4/2014 21:00	0.24	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/4/2014 21:30	0.24	0.40	1.10	1.10	0.20	0.33	1.20	1.13
7/4/2014 22:00	0.24	0.40	1.11	1.11	0.20	0.33	1.20	1.14
7/4/2014 22:30	0.24	0.40	1.11	1.10	0.20	0.33	1.20	1.14
7/4/2014 23:00	0.24	0.40	1.10	1.10	0.20	0.33	1.20	1.14
7/4/2014 23:30	0.24	0.40	1.11	1.11	0.20	0.34	1.20	1.14
7/5/2014 0:00	0.24	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/5/2014 0:30	0.24	0.40	1.10	1.10	0.20	0.34	1.20	1.14
7/5/2014 1:00	0.23	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/5/2014 1:30	0.23	0.40	1.11	1.10	0.21	0.34	1.20	1.14
7/5/2014 2:00	0.23	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/5/2014 2:30	0.24	0.40	1.11	1.10	0.21	0.34	1.20	1.14
7/5/2014 3:00	0.23	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/5/2014 3:30	0.24	0.40	1.11	1.11	0.20	0.34	1.20	1.14
7/5/2014 4:00	0.24	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/5/2014 4:30	0.24	0.40	1.11	1.11	0.20	0.34	1.20	1.15
7/5/2014 5:00	0.24	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/5/2014 5:30	0.24	0.40	1.11	1.10	0.20	0.34	1.20	1.15
7/5/2014 6:00	0.24	0.41	1.11	1.11	0.20	0.34	1.20	1.15
7/5/2014 6:30	0.24	0.41	1.11	1.11	0.21	0.34	1.21	1.15
7/5/2014 7:00	0.24	0.41	1.11	1.11	0.20	0.34	1.20	1.14
7/5/2014 7:30	0.24	0.40	1.11	1.11	0.20	0.34	1.20	1.15
7/5/2014 8:00	0.23	0.40	1.11	1.10	0.21	0.34	1.20	1.14
7/5/2014 8:30	0.23	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/5/2014 9:00	0.24	0.40	1.10	1.10	0.20	0.34	1.20	1.14
7/5/2014 9:30	0.24	0.40	1.10	1.10	0.20	0.34	1.20	1.14
7/5/2014 10:00	0.23	0.40	1.10	1.10	0.20	0.34	1.20	1.14
7/5/2014 10:30	0.24	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/5/2014 11:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/5/2014 11:30	0.23	0.40	1.10	1.09	0.20	0.34	1.19	1.13
7/5/2014 12:00	0.23	0.40	1.09	1.09	0.20	0.34	1.18	1.13
7/5/2014 12:30	0.24	0.40	1.10	1.09	0.20	0.34	1.19	1.13
7/5/2014 13:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/5/2014 13:30	0.23	0.40	1.09	1.09	0.20	0.34	1.18	1.13
7/5/2014 14:00	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/5/2014 14:30	0.23	0.39	1.09	1.10	0.20	0.34	1.18	1.13
7/5/2014 15:00	0.23	0.39	1.10	1.10	0.19	0.34	1.19	1.13
7/5/2014 15:30	0.23	0.39	1.09	1.09	0.19	0.34	1.19	1.13
7/5/2014 16:00	0.24	0.39	1.10	1.10	0.20	0.34	1.18	1.13
7/5/2014 16:30	0.23	0.39	1.09	1.09	0.20	0.34	1.19	1.13
7/5/2014 17:00	0.23	0.39	1.10	1.10	0.20	0.34	1.18	1.13
7/5/2014 17:30	0.24	0.39	1.09	1.10	0.20	0.34	1.18	1.13
7/5/2014 18:00	0.23	0.39	1.09	1.09	0.20	0.34	1.19	1.13
7/5/2014 18:30	0.23	0.39	1.09	1.10	0.20	0.34	1.19	1.13
7/5/2014 19:00	0.23	0.39	1.09	1.09	0.20	0.34	1.19	1.13
7/5/2014 19:30	0.24	0.39	1.09	1.10	0.20	0.34	1.19	1.13

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	MOD	HIGH	HEPA 1	HEPA 2	MOD	HIGH	HEPA 1	HEPA 2
7/5/2014 20:00	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/5/2014 20:30	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/5/2014 21:00	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/5/2014 21:30	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/5/2014 22:00	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/5/2014 22:30	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/5/2014 23:00	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.14
7/5/2014 23:30	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.14
7/6/2014 0:00	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.14
7/6/2014 0:30	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/6/2014 1:00	0.24	0.39	1.10	1.10	0.20	0.34	1.20	1.14
7/6/2014 1:30	0.24	0.39	1.10	1.10	0.20	0.34	1.20	1.14
7/6/2014 2:00	0.23	0.39	1.10	1.10	0.20	0.34	1.20	1.14
7/6/2014 2:30	0.24	0.39	1.10	1.10	0.20	0.34	1.19	1.14
7/6/2014 3:00	0.24	0.39	1.11	1.10	0.20	0.34	1.19	1.14
7/6/2014 3:30	0.24	0.39	1.10	1.10	0.20	0.34	1.20	1.13
7/6/2014 4:00	0.23	0.39	1.10	1.10	0.20	0.34	1.20	1.14
7/6/2014 4:30	0.23	0.39	1.11	1.10	0.20	0.34	1.19	1.14
7/6/2014 5:00	0.23	0.39	1.11	1.10	0.20	0.34	1.20	1.14
7/6/2014 5:30	0.24	0.39	1.10	1.10	0.21	0.34	1.20	1.14
7/6/2014 6:00	0.24	0.39	1.11	1.11	0.20	0.34	1.20	1.15
7/6/2014 6:30	0.24	0.39	1.11	1.10	0.20	0.34	1.20	1.14
7/6/2014 7:00	0.24	0.39	1.11	1.10	0.21	0.34	1.20	1.14
7/6/2014 7:30	0.24	0.39	1.11	1.10	0.21	0.34	1.20	1.14
7/6/2014 8:00	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.14
7/6/2014 8:30	0.24	0.39	1.10	1.10	0.21	0.34	1.19	1.14
7/6/2014 9:00	0.24	0.39	1.10	1.10	0.21	0.34	1.20	1.14
7/6/2014 9:30	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.14
7/6/2014 10:00	0.24	0.39	1.10	1.10	0.20	0.34	1.20	1.14
7/6/2014 10:30	0.24	0.39	1.10	1.10	0.20	0.34	1.19	1.14
7/6/2014 11:00	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/6/2014 11:30	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.14
7/6/2014 12:00	0.23	0.39	1.10	1.09	0.20	0.34	1.19	1.14
7/6/2014 12:30	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/6/2014 13:00	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.14
7/6/2014 13:30	0.23	0.39	1.10	1.10	0.21	0.34	1.19	1.14
7/6/2014 14:00	0.23	0.39	1.11	1.10	0.21	0.34	1.20	1.14
7/6/2014 14:30	0.23	0.39	1.10	1.10	0.20	0.34	1.20	1.13
7/6/2014 15:00	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/6/2014 15:30	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/6/2014 16:00	0.23	0.39	1.10	1.09	0.20	0.34	1.19	1.14
7/6/2014 16:30	0.24	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/6/2014 17:00	0.23	0.39	1.09	1.10	0.20	0.34	1.19	1.13
7/6/2014 17:30	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.14
7/6/2014 18:00	0.23	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/6/2014 18:30	0.24	0.39	1.10	1.10	0.20	0.34	1.19	1.14
7/6/2014 19:00	0.24	0.39	1.10	1.10	0.20	0.34	1.19	1.13
7/6/2014 19:30	0.23	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/6/2014 20:00	0.24	0.40	1.10	1.10	0.20	0.34	1.19	1.14
7/6/2014 20:30	0.24	0.40	1.10	1.10	0.20	0.34	1.19	1.13
7/6/2014 21:00	0.24	0.40	1.10	1.09	0.21	0.34	1.19	1.13
7/6/2014 21:30	0.24	0.40	1.10	1.10	0.20	0.34	1.20	1.14
7/6/2014 22:00	0.24	0.40	1.10	1.09	0.20	0.34	1.20	1.14
7/6/2014 22:30	0.24	0.40	1.11	1.10	0.20	0.34	1.19	1.13
7/6/2014 23:00	0.24	0.40	1.09	1.08	0.20	0.34	1.18	1.13
7/6/2014 23:30	0.23	0.40	1.11	1.10	0.20	0.34	1.20	1.14

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	MOD	HIGH	HEPA 1	HEPA 2	MOD	HIGH	HEPA 1	HEPA 2
7/7/2014 0:00	0.24	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/7/2014 0:30	0.24	0.40	1.11	1.10	0.21	0.34	1.20	1.14
7/7/2014 1:00	0.23	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/7/2014 1:30	0.24	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/7/2014 2:00	0.24	0.40	1.11	1.10	0.21	0.34	1.20	1.15
7/7/2014 2:30	0.24	0.40	1.11	1.10	0.21	0.34	1.20	1.15
7/7/2014 3:00	0.24	0.40	1.11	1.10	0.21	0.34	1.20	1.14
7/7/2014 3:30	0.24	0.40	1.11	1.10	0.20	0.34	1.20	1.14
7/7/2014 4:00	0.23	0.41	1.11	1.11	0.21	0.34	1.20	1.14
7/7/2014 4:30	0.24	0.41	1.11	1.10	0.20	0.34	1.20	1.14
7/7/2014 5:00	0.24	0.41	1.11	1.10	0.20	0.34	1.20	1.15
7/7/2014 5:30	0.24	0.41	1.11	1.11	0.20	0.34	1.20	1.15
7/7/2014 6:00	0.24	0.41	1.11	1.10	0.21	0.34	1.20	1.14
7/7/2014 6:30	0.24	0.41	1.11	1.10	0.21	0.34	1.21	1.15
7/7/2014 7:00	0.24	0.41	1.11	1.11	0.20	0.34	1.20	1.14
7/7/2014 7:30	0.24	0.41	1.11	1.11	0.21	0.34	1.21	1.15
7/7/2014 8:00	0.24	0.41	1.10	1.10	0.20	0.34	1.20	1.15
7/7/2014 8:30	0.24	0.41	1.11	1.10	0.20	0.34	1.20	1.14
7/7/2014 9:00	0.24	0.41	1.11	1.10	0.21	0.34	1.20	1.14
7/7/2014 9:30	0.24	0.42	1.11	1.11	0.21	0.34	1.20	1.15
7/7/2014 10:00	0.24	0.42	1.15	1.13	0.21	0.34	1.25	1.18
7/7/2014 10:30	0.25	0.42	1.18	1.18	0.22	0.34	1.29	1.22
7/7/2014 11:00	0.25	0.42	1.19	1.19	0.22	0.34	1.28	1.22
7/7/2014 11:30	0.26	0.42	1.19	1.19	0.21	0.34	1.28	1.22
7/7/2014 12:00	0.25	0.42	1.19	1.19	0.22	0.34	1.28	1.22
7/7/2014 12:30	0.25	0.42	1.19	1.18	0.22	0.34	1.28	1.22
7/7/2014 13:00	0.25	0.42	1.18	1.18	0.21	0.34	1.28	1.22
7/7/2014 13:30	0.25	0.42	1.19	1.19	0.22	0.34	1.29	1.22
7/7/2014 14:00	0.25	0.42	1.18	1.18	0.22	0.34	1.28	1.22
7/7/2014 14:30	0.25	0.42	1.18	1.18	0.22	0.34	1.29	1.22
7/7/2014 15:00	0.25	0.42	1.18	1.18	0.21	0.35	1.28	1.22
7/7/2014 15:30	0.25	0.42	1.18	1.18	0.21	0.35	1.28	1.22
7/7/2014 16:00	0.25	0.43	1.19	1.18	0.22	0.35	1.28	1.22
7/7/2014 16:30	0.25	0.43	1.19	1.19	0.21	0.35	1.28	1.22
7/7/2014 17:00	0.25	0.43	1.18	1.18	0.22	0.35	1.28	1.22
7/7/2014 17:30	0.25	0.43	1.18	1.19	0.21	0.35	1.28	1.22
7/7/2014 18:00	0.25	0.43	1.18	1.18	0.21	0.35	1.29	1.21
7/7/2014 18:30	0.25	0.43	1.18	1.18	0.22	0.35	1.28	1.21
7/7/2014 19:00	0.25	0.43	1.18	1.19	0.22	0.35	1.28	1.22
7/7/2014 19:30	0.25	0.43	1.18	1.18	0.21	0.35	1.28	1.21
7/7/2014 20:00	0.25	0.43	1.18	1.18	0.21	0.35	1.28	1.21
7/7/2014 20:30	0.25	0.43	1.18	1.18	0.21	0.35	1.28	1.22
7/7/2014 21:00	0.25	0.43	1.18	1.18	0.22	0.35	1.28	1.21
7/7/2014 21:30	0.26	0.43	1.19	1.18	0.22	0.35	1.28	1.22
7/7/2014 22:00	0.26	0.43	1.19	1.18	0.22	0.35	1.29	1.22
7/7/2014 22:30	0.25	0.43	1.18	1.18	0.21	0.35	1.29	1.23
7/7/2014 23:00	0.25	0.43	1.19	1.18	0.22	0.35	1.29	1.22
7/7/2014 23:30	0.25	0.43	1.19	1.18	0.22	0.35	1.28	1.22
7/8/2014 0:00	0.25	0.43	1.19	1.19	0.22	0.35	1.29	1.23
7/8/2014 0:30	0.25	0.43	1.19	1.19	0.21	0.35	1.28	1.22
7/8/2014 1:00	0.25	0.43	1.19	1.19	0.22	0.35	1.29	1.22
7/8/2014 1:30	0.26	0.43	1.19	1.19	0.21	0.35	1.29	1.22
7/8/2014 2:00	0.26	0.43	1.19	1.19	0.22	0.35	1.29	1.22
7/8/2014 2:30	0.25	0.43	1.20	1.19	0.22	0.35	1.29	1.23
7/8/2014 3:00	0.25	0.43	1.19	1.19	0.21	0.35	1.30	1.23
7/8/2014 3:30	0.25	0.43	1.20	1.19	0.22	0.35	1.29	1.23

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	MOD	HIGH	HEPA 1	HEPA 2	MOD	HIGH	HEPA 1	HEPA 2
7/8/2014 4:00	0.26	0.43	1.20	1.19	0.23	0.35	1.30	1.23
7/8/2014 4:30	0.25	0.43	1.20	1.20	0.22	0.35	1.30	1.23
7/8/2014 5:00	0.26	0.43	1.20	1.19	0.22	0.35	1.29	1.23
7/8/2014 5:30	0.25	0.43	1.20	1.19	0.21	0.35	1.30	1.23
7/8/2014 6:00	0.25	0.42	1.20	1.20	0.22	0.35	1.30	1.23
7/8/2014 6:30	0.25	0.42	1.20	1.20	0.22	0.35	1.30	1.23
7/8/2014 7:00	0.25	0.42	1.20	1.20	0.22	0.35	1.30	1.23
7/8/2014 7:30	0.26	0.42	1.20	1.19	0.22	0.35	1.30	1.23
7/8/2014 8:00	0.25	0.42	1.20	1.19	0.22	0.35	1.29	1.23
7/8/2014 8:30	0.25	0.42	1.19	1.19	0.21	0.35	1.29	1.23
7/8/2014 9:00	0.26	0.42	1.19	1.19	0.22	0.35	1.29	1.22
7/8/2014 9:30	0.25	0.42	1.19	1.18	0.22	0.35	1.29	1.23
7/8/2014 10:00	0.25	0.42	1.19	1.18	0.22	0.35	1.28	1.22
7/8/2014 10:30	0.25	0.42	1.19	1.19	0.22	0.35	1.28	1.23
7/8/2014 11:00	0.25	0.42	1.19	1.18	0.22	0.35	1.28	1.22
7/8/2014 11:30	0.25	0.42	1.19	1.18	0.21	0.35	1.28	1.22
7/8/2014 12:00	0.25	0.42	1.18	1.18	0.22	0.35	1.28	1.22
7/8/2014 12:30	0.25	0.42	1.18	1.18	0.22	0.35	1.28	1.22
7/8/2014 13:00	0.25	0.42	1.18	1.18	0.21	0.35	1.28	1.22
7/8/2014 13:30	0.25	0.42	1.18	1.18	0.21	0.35	1.28	1.22
7/8/2014 14:00	0.25	0.42	1.18	1.18	0.21	0.35	1.28	1.21
7/8/2014 14:30	0.25	0.42	1.18	1.17	0.21	0.35	1.28	1.21
7/8/2014 15:00	0.25	0.42	1.18	1.18	0.22	0.36	1.28	1.21
7/8/2014 15:30	0.25	0.42	1.18	1.18	0.21	0.36	1.27	1.22
7/8/2014 16:00	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/8/2014 16:30	0.25	0.42	1.18	1.18	0.21	0.36	1.27	1.21
7/8/2014 17:00	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/8/2014 17:30	0.26	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/8/2014 18:00	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/8/2014 18:30	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.21
7/8/2014 19:00	0.25	0.42	1.18	1.18	0.22	0.36	1.28	1.21
7/8/2014 19:30	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.21
7/8/2014 20:00	0.25	0.42	1.18	1.18	0.22	0.36	1.28	1.22
7/8/2014 20:30	0.25	0.42	1.18	1.19	0.21	0.36	1.28	1.22
7/8/2014 21:00	0.26	0.42	1.18	1.19	0.22	0.36	1.29	1.22
7/8/2014 21:30	0.25	0.42	1.18	1.18	0.22	0.36	1.29	1.22
7/8/2014 22:00	0.25	0.42	1.18	1.18	0.22	0.36	1.29	1.22
7/8/2014 22:30	0.25	0.42	1.19	1.19	0.22	0.36	1.29	1.22
7/8/2014 23:00	0.25	0.42	1.19	1.18	0.22	0.36	1.28	1.22
7/8/2014 23:30	0.25	0.42	1.19	1.19	0.21	0.36	1.29	1.22
7/9/2014 0:00	0.25	0.42	1.19	1.19	0.22	0.36	1.29	1.22
7/9/2014 0:30	0.25	0.42	1.19	1.18	0.21	0.36	1.28	1.22
7/9/2014 1:00	0.25	0.42	1.19	1.18	0.22	0.36	1.29	1.22
7/9/2014 1:30	0.25	0.42	1.19	1.18	0.22	0.36	1.29	1.22
7/9/2014 2:00	0.26	0.42	1.19	1.19	0.22	0.36	1.29	1.22
7/9/2014 2:30	0.26	0.42	1.19	1.19	0.22	0.36	1.29	1.22
7/9/2014 3:00	0.25	0.42	1.19	1.19	0.21	0.36	1.29	1.23
7/9/2014 3:30	0.25	0.42	1.19	1.19	0.22	0.36	1.29	1.23
7/9/2014 4:00	0.25	0.42	1.20	1.19	0.22	0.36	1.30	1.23
7/9/2014 4:30	0.26	0.42	1.19	1.19	0.21	0.36	1.29	1.23
7/9/2014 5:00	0.25	0.42	1.20	1.20	0.22	0.36	1.30	1.23
7/9/2014 5:30	0.25	0.42	1.20	1.19	0.22	0.36	1.30	1.23
7/9/2014 6:00	0.26	0.42	1.20	1.20	0.22	0.36	1.30	1.23
7/9/2014 6:30	0.25	0.42	1.20	1.19	0.22	0.36	1.29	1.23
7/9/2014 7:00	0.26	0.42	1.20	1.20	0.22	0.36	1.30	1.24
7/9/2014 7:30	0.26	0.42	1.20	1.19	0.22	0.36	1.30	1.23

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	MOD	HIGH	HEPA 1	HEPA 2	MOD	HIGH	HEPA 1	HEPA 2
7/9/2014 8:00	0.25	0.42	1.20	1.19	0.22	0.36	1.29	1.23
7/9/2014 8:30	0.25	0.42	1.19	1.19	0.22	0.36	1.29	1.23
7/9/2014 9:00	0.25	0.42	1.20	1.20	0.22	0.36	1.29	1.23
7/9/2014 9:30	0.25	0.42	1.20	1.19	0.21	0.36	1.29	1.23
7/9/2014 10:00	0.25	0.42	1.20	1.19	0.22	0.36	1.29	1.23
7/9/2014 10:30	0.25	0.42	1.19	1.18	0.22	0.36	1.28	1.22
7/9/2014 11:00	0.25	0.42	1.18	1.18	0.22	0.36	1.28	1.22
7/9/2014 11:30	0.25	0.42	1.19	1.19	0.22	0.36	1.29	1.22
7/9/2014 12:00	0.25	0.42	1.18	1.18	0.22	0.36	1.29	1.22
7/9/2014 12:30	0.25	0.42	1.19	1.18	0.22	0.36	1.28	1.22
7/9/2014 13:00	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/9/2014 13:30	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/9/2014 14:00	0.25	0.42	1.18	1.18	0.22	0.36	1.29	1.22
7/9/2014 14:30	0.25	0.42	1.19	1.18	0.22	0.36	1.28	1.21
7/9/2014 15:00	0.25	0.42	1.18	1.18	0.22	0.36	1.27	1.22
7/9/2014 15:30	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/9/2014 16:00	0.25	0.42	1.18	1.18	0.21	0.36	1.27	1.21
7/9/2014 16:30	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/9/2014 17:00	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/9/2014 17:30	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/9/2014 18:00	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.21
7/9/2014 18:30	0.25	0.42	1.18	1.19	0.21	0.36	1.28	1.22
7/9/2014 19:00	0.25	0.42	1.19	1.18	0.21	0.36	1.28	1.21
7/9/2014 19:30	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/9/2014 20:00	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.21
7/9/2014 20:30	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/9/2014 21:00	0.25	0.42	1.18	1.18	0.22	0.36	1.28	1.22
7/9/2014 21:30	0.26	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/9/2014 22:00	0.26	0.42	1.18	1.19	0.22	0.36	1.29	1.22
7/9/2014 22:30	0.25	0.42	1.19	1.19	0.21	0.36	1.29	1.22
7/9/2014 23:00	0.25	0.42	1.19	1.18	0.22	0.36	1.29	1.23
7/9/2014 23:30	0.25	0.42	1.19	1.19	0.22	0.36	1.29	1.23
7/10/2014 0:00	0.25	0.42	1.19	1.19	0.21	0.36	1.29	1.22
7/10/2014 0:30	0.25	0.42	1.19	1.19	0.22	0.36	1.29	1.22
7/10/2014 1:00	0.25	0.42	1.19	1.19	0.22	0.36	1.29	1.22
7/10/2014 1:30	0.26	0.42	1.20	1.19	0.22	0.36	1.29	1.22
7/10/2014 2:00	0.25	0.42	1.20	1.19	0.23	0.36	1.29	1.23
7/10/2014 2:30	0.25	0.42	1.20	1.19	0.22	0.36	1.30	1.23
7/10/2014 3:00	0.25	0.42	1.20	1.19	0.22	0.36	1.29	1.23
7/10/2014 3:30	0.25	0.42	1.20	1.19	0.22	0.36	1.29	1.23
7/10/2014 4:00	0.25	0.42	1.20	1.19	0.22	0.36	1.30	1.23
7/10/2014 4:30	0.26	0.42	1.20	1.20	0.22	0.36	1.30	1.23
7/10/2014 5:00	0.25	0.42	1.21	1.19	0.22	0.36	1.30	1.23
7/10/2014 5:30	0.25	0.42	1.21	1.20	0.23	0.36	1.30	1.23
7/10/2014 6:00	0.26	0.42	1.20	1.19	0.22	0.36	1.30	1.24
7/10/2014 6:30	0.26	0.42	1.21	1.20	0.22	0.36	1.30	1.24
7/10/2014 7:00	0.26	0.42	1.21	1.20	0.22	0.36	1.30	1.23
7/10/2014 7:30	0.25	0.42	1.20	1.19	0.23	0.36	1.30	1.23
7/10/2014 8:00	0.25	0.42	1.20	1.19	0.23	0.36	1.30	1.23
7/10/2014 8:30	0.25	0.42	1.20	1.19	0.21	0.36	1.30	1.23
7/10/2014 9:00	0.25	0.42	1.20	1.19	0.22	0.36	1.30	1.23
7/10/2014 9:30	0.25	0.42	1.20	1.19	0.23	0.36	1.30	1.23
7/10/2014 10:00	0.26	0.42	1.19	1.19	0.22	0.36	1.29	1.22
7/10/2014 10:30	0.25	0.42	1.19	1.19	0.22	0.36	1.29	1.22
7/10/2014 11:00	0.25	0.42	1.19	1.19	0.22	0.36	1.28	1.22
7/10/2014 11:30	0.26	0.42	1.19	1.18	0.22	0.36	1.29	1.22

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	MOD	HIGH	HEPA 1	HEPA 2	MOD	HIGH	HEPA 1	HEPA 2
7/10/2014 12:00	0.25	0.42	1.19	1.19	0.21	0.36	1.28	1.22
7/10/2014 12:30	0.25	0.42	1.18	1.18	0.22	0.36	1.28	1.22
7/10/2014 13:00	0.25	0.42	1.19	1.18	0.22	0.36	1.28	1.22
7/10/2014 13:30	0.25	0.42	1.19	1.18	0.22	0.36	1.28	1.21
7/10/2014 14:00	0.25	0.42	1.18	1.18	0.21	0.36	1.29	1.22
7/10/2014 14:30	0.25	0.42	1.19	1.18	0.22	0.36	1.28	1.22
7/10/2014 15:00	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/10/2014 15:30	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/10/2014 16:00	0.25	0.42	1.19	1.19	0.21	0.36	1.28	1.21
7/10/2014 16:30	0.25	0.42	1.19	1.18	0.22	0.36	1.28	1.22
7/10/2014 17:00	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/10/2014 17:30	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/10/2014 18:00	0.25	0.42	1.18	1.18	0.21	0.36	1.28	1.22
7/10/2014 18:30	0.25	0.43	1.19	1.18	0.21	0.36	1.29	1.22
7/10/2014 19:00	0.25	0.43	1.19	1.18	0.21	0.36	1.28	1.22
7/10/2014 19:30	0.25	0.43	1.19	1.18	0.21	0.36	1.29	1.21
7/10/2014 20:00	0.25	0.43	1.19	1.18	0.21	0.36	1.29	1.22
7/10/2014 20:30	0.25	0.43	1.19	1.19	0.22	0.36	1.29	1.22
7/10/2014 21:00	0.25	0.43	1.18	1.18	0.21	0.36	1.29	1.22
7/10/2014 21:30	0.25	0.43	1.19	1.18	0.22	0.36	1.29	1.23
7/10/2014 22:00	0.25	0.43	1.20	1.19	0.22	0.36	1.29	1.22
7/10/2014 22:30	0.25	0.43	1.18	1.17	0.22	0.35	1.27	1.20
7/10/2014 23:00	0.25	0.43	1.20	1.19	0.22	0.36	1.29	1.22
7/10/2014 23:30	0.25	0.43	1.20	1.19	0.22	0.36	1.29	1.23
7/11/2014 0:00	0.25	0.43	1.19	1.19	0.22	0.36	1.29	1.22
7/11/2014 0:30	0.25	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/11/2014 1:00	0.25	0.43	1.20	1.19	0.21	0.36	1.30	1.23
7/11/2014 1:30	0.26	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/11/2014 2:00	0.26	0.43	1.21	1.20	0.22	0.36	1.29	1.23
7/11/2014 2:30	0.25	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/11/2014 3:00	0.25	0.43	1.20	1.19	0.23	0.36	1.30	1.23
7/11/2014 3:30	0.26	0.43	1.20	1.20	0.23	0.36	1.30	1.23
7/11/2014 4:00	0.25	0.43	1.20	1.19	0.22	0.36	1.29	1.23
7/11/2014 4:30	0.26	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/11/2014 5:00	0.25	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/11/2014 5:30	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/11/2014 6:00	0.26	0.43	1.21	1.20	0.23	0.36	1.31	1.24
7/11/2014 6:30	0.26	0.43	1.21	1.20	0.23	0.36	1.31	1.24
7/11/2014 7:00	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/11/2014 7:30	0.26	0.43	1.21	1.21	0.23	0.36	1.30	1.24
7/11/2014 8:00	0.26	0.43	1.20	1.20	0.22	0.36	1.31	1.24
7/11/2014 8:30	0.26	0.43	1.20	1.20	0.22	0.36	1.30	1.23
7/11/2014 9:00	0.26	0.43	1.21	1.20	0.22	0.36	1.30	1.24
7/11/2014 9:30	0.26	0.43	1.21	1.19	0.22	0.36	1.30	1.24
7/11/2014 10:00	0.26	0.43	1.20	1.20	0.22	0.36	1.30	1.24
7/11/2014 10:30	0.25	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/11/2014 11:00	0.25	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/11/2014 11:30	0.26	0.43	1.19	1.19	0.22	0.36	1.29	1.23
7/11/2014 12:00	0.25	0.43	1.19	1.19	0.22	0.36	1.29	1.23
7/11/2014 12:30	0.26	0.43	1.21	1.20	0.22	0.36	1.30	1.23
7/11/2014 13:00	0.25	0.43	1.20	1.20	0.22	0.36	1.30	1.23
7/11/2014 13:30	0.26	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/11/2014 14:00	0.25	0.43	1.20	1.20	0.22	0.36	1.30	1.24
7/11/2014 14:30	0.25	0.43	1.19	1.19	0.21	0.36	1.29	1.22
7/11/2014 15:00	0.25	0.43	1.20	1.19	0.22	0.36	1.29	1.22
7/11/2014 15:30	0.25	0.43	1.20	1.19	0.22	0.36	1.29	1.23

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	MOD	HIGH	HEPA 1	HEPA 2	MOD	HIGH	HEPA 1	HEPA 2
7/11/2014 16:00	0.25	0.43	1.20	1.19	0.21	0.36	1.29	1.23
7/11/2014 16:30	0.25	0.43	1.19	1.19	0.22	0.36	1.29	1.22
7/11/2014 17:00	0.25	0.43	1.19	1.19	0.21	0.36	1.29	1.22
7/11/2014 17:30	0.24	0.43	1.19	1.19	0.21	0.36	1.29	1.22
7/11/2014 18:00	0.25	0.43	1.19	1.19	0.21	0.36	1.29	1.22
7/11/2014 18:30	0.26	0.43	1.20	1.19	0.22	0.36	1.29	1.22
7/11/2014 19:00	0.25	0.43	1.19	1.19	0.22	0.36	1.29	1.22
7/11/2014 19:30	0.25	0.43	1.19	1.19	0.22	0.36	1.29	1.22
7/11/2014 20:00	0.26	0.43	1.20	1.20	0.22	0.36	1.29	1.23
7/11/2014 20:30	0.25	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/11/2014 21:00	0.25	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/11/2014 21:30	0.25	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/11/2014 22:00	0.25	0.43	1.20	1.20	0.22	0.36	1.30	1.23
7/11/2014 22:30	0.26	0.43	1.19	1.20	0.22	0.36	1.30	1.23
7/11/2014 23:00	0.25	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/11/2014 23:30	0.25	0.41	1.17	1.17	0.21	0.35	1.28	1.22
7/12/2014 0:00	0.26	0.43	1.21	1.20	0.22	0.36	1.30	1.24
7/12/2014 0:30	0.25	0.43	1.20	1.19	0.22	0.36	1.30	1.22
7/12/2014 1:00	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/12/2014 1:30	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/12/2014 2:00	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/12/2014 2:30	0.26	0.43	1.20	1.20	0.22	0.36	1.31	1.24
7/12/2014 3:00	0.26	0.43	1.20	1.21	0.22	0.36	1.31	1.24
7/12/2014 3:30	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/12/2014 4:00	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/12/2014 4:30	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/12/2014 5:00	0.26	0.43	1.22	1.20	0.22	0.36	1.31	1.24
7/12/2014 5:30	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/12/2014 6:00	0.26	0.43	1.22	1.20	0.22	0.36	1.31	1.24
7/12/2014 6:30	0.26	0.43	1.22	1.21	0.23	0.36	1.31	1.24
7/12/2014 7:00	0.26	0.43	1.22	1.21	0.23	0.36	1.32	1.24
7/12/2014 7:30	0.26	0.43	1.22	1.20	0.22	0.36	1.31	1.24
7/12/2014 8:00	0.26	0.43	1.21	1.20	0.23	0.36	1.31	1.24
7/12/2014 8:30	0.26	0.43	1.21	1.21	0.22	0.36	1.31	1.24
7/12/2014 9:00	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/12/2014 9:30	0.26	0.43	1.21	1.20	0.22	0.36	1.30	1.24
7/12/2014 10:00	0.26	0.43	1.20	1.20	0.22	0.36	1.30	1.24
7/12/2014 10:30	0.25	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/12/2014 11:00	0.26	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/12/2014 11:30	0.25	0.43	1.20	1.19	0.22	0.36	1.29	1.23
7/12/2014 12:00	0.26	0.43	1.20	1.20	0.22	0.36	1.30	1.23
7/12/2014 12:30	0.26	0.43	1.20	1.19	0.21	0.36	1.29	1.23
7/12/2014 13:00	0.25	0.43	1.19	1.19	0.22	0.36	1.29	1.22
7/12/2014 13:30	0.25	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/12/2014 14:00	0.25	0.43	1.20	1.19	0.22	0.36	1.29	1.23
7/12/2014 14:30	0.26	0.42	1.19	1.19	0.22	0.36	1.29	1.22
7/12/2014 15:00	0.25	0.42	1.19	1.19	0.22	0.36	1.29	1.23
7/12/2014 15:30	0.25	0.42	1.19	1.19	0.21	0.36	1.29	1.22
7/12/2014 16:00	0.25	0.42	1.20	1.19	0.21	0.36	1.29	1.23
7/12/2014 16:30	0.25	0.42	1.20	1.19	0.22	0.36	1.29	1.22
7/12/2014 17:00	0.25	0.42	1.19	1.19	0.22	0.36	1.29	1.23
7/12/2014 17:30	0.25	0.43	1.19	1.19	0.22	0.36	1.29	1.23
7/12/2014 18:00	0.25	0.43	1.19	1.20	0.22	0.36	1.30	1.23
7/12/2014 18:30	0.26	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/12/2014 19:00	0.26	0.43	1.21	1.19	0.22	0.36	1.30	1.23
7/12/2014 19:30	0.25	0.43	1.20	1.20	0.22	0.36	1.30	1.23

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	MOD	HIGH	HEPA 1	HEPA 2	MOD	HIGH	HEPA 1	HEPA 2
7/12/2014 20:00	0.26	0.43	1.20	1.20	0.22	0.36	1.30	1.23
7/12/2014 20:30	0.26	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/12/2014 21:00	0.26	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/12/2014 21:30	0.26	0.43	1.20	1.20	0.22	0.36	1.30	1.23
7/12/2014 22:00	0.26	0.43	1.20	1.20	0.22	0.36	1.30	1.23
7/12/2014 22:30	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/12/2014 23:00	0.26	0.43	1.20	1.19	0.23	0.36	1.30	1.24
7/12/2014 23:30	0.26	0.43	1.20	1.20	0.22	0.36	1.31	1.23
7/13/2014 0:00	0.25	0.43	1.21	1.20	0.23	0.36	1.31	1.24
7/13/2014 0:30	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/13/2014 1:00	0.26	0.43	1.21	1.20	0.23	0.36	1.31	1.25
7/13/2014 1:30	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/13/2014 2:00	0.26	0.43	1.21	1.20	0.23	0.36	1.31	1.25
7/13/2014 2:30	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/13/2014 3:00	0.26	0.43	1.22	1.21	0.22	0.36	1.32	1.25
7/13/2014 3:30	0.26	0.43	1.22	1.21	0.22	0.36	1.31	1.24
7/13/2014 4:00	0.26	0.43	1.22	1.21	0.23	0.36	1.32	1.25
7/13/2014 4:30	0.26	0.43	1.22	1.20	0.22	0.36	1.32	1.25
7/13/2014 5:00	0.27	0.43	1.21	1.21	0.23	0.36	1.32	1.25
7/13/2014 5:30	0.26	0.43	1.22	1.21	0.22	0.36	1.32	1.25
7/13/2014 6:00	0.26	0.43	1.22	1.20	0.22	0.36	1.32	1.25
7/13/2014 6:30	0.26	0.43	1.22	1.21	0.22	0.36	1.32	1.25
7/13/2014 7:00	0.26	0.43	1.22	1.20	0.23	0.36	1.32	1.24
7/13/2014 7:30	0.27	0.43	1.22	1.21	0.22	0.36	1.32	1.25
7/13/2014 8:00	0.26	0.43	1.22	1.21	0.23	0.36	1.31	1.25
7/13/2014 8:30	0.26	0.43	1.21	1.21	0.22	0.36	1.31	1.24
7/13/2014 9:00	0.26	0.43	1.21	1.21	0.22	0.36	1.31	1.24
7/13/2014 9:30	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.24
7/13/2014 10:00	0.26	0.43	1.21	1.20	0.22	0.36	1.31	1.23
7/13/2014 10:30	0.26	0.43	1.21	1.20	0.22	0.36	1.30	1.23
7/13/2014 11:00	0.25	0.43	1.21	1.20	0.21	0.36	1.31	1.24
7/13/2014 11:30	0.25	0.43	1.20	1.20	0.22	0.36	1.30	1.24
7/13/2014 12:00	0.25	0.43	1.20	1.20	0.22	0.36	1.30	1.24
7/13/2014 12:30	0.25	0.43	1.20	1.20	0.21	0.36	1.30	1.24
7/13/2014 13:00	0.26	0.43	1.20	1.19	0.22	0.36	1.30	1.24
7/13/2014 13:30	0.26	0.43	1.20	1.20	0.22	0.36	1.30	1.23
7/13/2014 14:00	0.25	0.43	1.20	1.19	0.21	0.36	1.29	1.23
7/13/2014 14:30	0.26	0.43	1.19	1.19	0.21	0.36	1.30	1.23
7/13/2014 15:00	0.25	0.43	1.20	1.19	0.21	0.36	1.30	1.23
7/13/2014 15:30	0.25	0.43	1.19	1.19	0.21	0.36	1.29	1.23
7/13/2014 16:00	0.25	0.43	1.19	1.19	0.21	0.36	1.29	1.23
7/13/2014 16:30	0.25	0.43	1.19	1.19	0.21	0.36	1.29	1.23
7/13/2014 17:00	0.25	0.43	1.20	1.19	0.21	0.36	1.29	1.22
7/13/2014 17:30	0.25	0.43	1.19	1.19	0.21	0.36	1.30	1.23
7/13/2014 18:00	0.25	0.43	1.19	1.19	0.21	0.36	1.30	1.23
7/13/2014 18:30	0.25	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/13/2014 19:00	0.25	0.43	1.20	1.19	0.22	0.36	1.29	1.22
7/13/2014 19:30	0.25	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/13/2014 20:00	0.25	0.43	1.20	1.19	0.21	0.36	1.30	1.23
7/13/2014 20:30	0.25	0.43	1.20	1.20	0.22	0.36	1.30	1.23
7/13/2014 21:00	0.25	0.43	1.20	1.20	0.22	0.36	1.30	1.23
7/13/2014 21:30	0.25	0.43	1.20	1.19	0.22	0.36	1.30	1.23
7/13/2014 22:00	0.26	0.43	1.21	1.20	0.21	0.36	1.30	1.23
7/13/2014 22:30	0.26	0.43	1.21	1.20	0.22	0.36	1.30	1.24

Preliminary Data from Central Monitoring System

Date and Time	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
	MOD	HIGH	HEPA 1	HEPA 2	MOD	HIGH	HEPA 1	HEPA 2
7/13/2014 23:00	0.26	0.43	1.20	1.20	0.22	0.36	1.30	1.23
7/13/2014 23:30	0.26	0.43	1.21	1.20	0.22	0.36	1.30	1.24

*in wg - inches of water gauge

Attachment 6
Surface and Underground Derived Waste Currently in Storage at the WIPP Facility (reserved)

Attachment 7
Status of RCRA Contingency Plan Required Activities (reserved)

Attachment 8
Corrective Actions Required for Recovery
(reserved)

Attachment 9
Waste Placement Layout Maps, Panel 7, Room 7
(reserved)

Attachment 10
Weekly Map Update, Panels 7 and 8 (reserved)

Attachment 11
As-Found Condition of Panel 7 (reserved)

Attachment 12
Panel 7 Recovery-Related Work (reserved)