

MANUAL HARD COPY DISTRIBUTION

DOCUMENT TRANSMITTAL 2004-15192

---

USER INFORMATION

~~GERLACH\*ROSE M~~ EMPL#:28401 CA#: 0363  
~~Address: NUCSA2~~  
~~Phone#: 254-3194~~

TRANSMITTAL INFORMATION:

TO: ~~GERLACH\*ROSE M~~ 04/02/2004  
LOCATION: ~~DOCUMENT CONTROL DESK~~  
FROM: NUCLEAR RECORDS DOCUMENT CONTROL CENTER  
(NUCSA-2)

THE FOLLOWING CHANGES HAVE OCCURRED TO THE HARDCOPY  
OR ELECTRONIC MANUAL ASSIGNED TO YOU:

248 - 248 - ENVIRONMENTAL SAMPLE DIRECTOR

REMOVE MANUAL TABLE OF CONTENTS DATE: 03/31/2004

ADD MANUAL TABLE OF CONTENTS DATE: 04/01/2004

CATEGORY: PROCEDURES TYPE: EP  
ID: EP-PS-248  
REPLACE: REV:1

REPLACE: REV:1

REMOVE: PCAF 2004-1264 REV: N/A

ADD: PCAF 2004-1264 REV: N/A

UPDATES FOR HARD COPY MANUALS WILL BE DISTRIBUTED  
WITHIN 5 DAYS IN ACCORDANCE WITH DEPARTMENT  
PROCEDURES. PLEASE MAKE ALL CHANGES AND  
ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX UPON  
RECEIPT OF HARD COPY. FOR ELECTRONIC MANUAL USERS,  
ELECTRONICALLY REVIEW THE APPROPRIATE DOCUMENTS AND  
ACKNOWLEDGE COMPLETE IN YOUR NIMS INBOX.

A045

**ENVIRONMENTAL SAMPLING LOCATIONS  
TLD LOCATIONS**

<b>TLD Location Code</b>	<b>Distance/Direction</b>	<b>Location Name</b>
1S2E	0.2 miles N	Perimeter Fence
2S3E	0.2 miles NNE	Perimeter Fence
3S4E	0.5 miles NE	Backup Met Tower
4S3E	0.2 miles ENE	West of APF (post)
5S7E	0.3 miles E	Perimeter Fence
6S4E	0.2 miles ESE	Perimeter Fence
6S9E	0.2 miles ESE	Perimeter Fence
7S6E	0.2 miles SE	Perimeter Fence
8S2E	0.2 miles SSE	Perimeter Fence
9S2E	0.2 miles S	Security Fence
10S2E	0.2 miles SSW	Security Fence
11S3E	0.3 miles SW	Security Fence
12S3E	0.4 miles WSW	Perimeter Fence
13S2E	0.4 miles W	Perimeter Fence
14S5E	0.5 miles WNW	Beach Grove Road & Confers Lane
15S5E	0.4 miles NW	Perimeter Fence
16S2E	0.3 miles NNW	Perimeter Fence

**ENVIRONMENTAL SAMPLING LOCATIONS  
TLD LOCATIONS**

<b>TLD Location Code</b>	<b>Distance/Direction</b>	<b>Location Name</b>
1D5E	4.0 miles N	Mocanaqua Sewage Treatment Plant
2F1E	5.9 miles NNE	St. Adalberts Cemetery
3E1E	4.7 miles NE	Webb Residence - (Lilly Lake)
3G4E*	17.0 miles NE	WB Service Center
4E2E	4.7 miles ENE	Ruckles Hill Road Intersection
4G1E*	14.0 miles ENE	Crestwood Industrial Park Substation
5E2E	4.5 miles E	Bloss Farm
6E1E	4.7 miles ESE	St. James Church
7E1E	4.2 miles SE	Harwood Trans. Line (Pole #2)
7G1E*	14.0 miles SE	PPL Hazleton Complex
8D3E	4.0 miles SSE	Mowery Residence
9D4E	3.6 miles S	Country Folk Store
10D1E	3.0 miles SSW	R&C Ryman Farm
11E1E	4.7 miles SW	Thomas Residence
12E1E	4.7 miles WSW	Berwick Hospital
12G1*	15.0 miles WSW	Bloomsburg Service Center
13E4E	4.1 miles W	Kessler Farm
15F1E	5.4 miles NW	Zawatski Farm
16F1E	7.8 miles NNW	Hidlay Residence

\* Control TLD

**ENVIRONMENTAL SAMPLING LOCATIONS**  
**AIR PARTICULATE, AIR IODINE, PRECIPITATION, SOIL & VEGETATION LOCATIONS**

Location Code	Distance/Direction	Location Name
3S2	0.5 miles NE	SSES Backup Met Tower
6G1*	13.5 miles ESE	Freeland Substation
8G1*	12.0 miles SSE	PPL System Facilities Center, Humbolt Industrial Park
12S1	0.4 miles WSW	West Building
12E1 -	4.7 miles WSW	Berwick Hospital
13S6	0.4 miles W	Former Laydown Area (west of Confer's Ln)

\* Control Location

**FOOD PRODUCT LOCATIONS**

**NOTE:** Refer to most recent "Land Use Census" document for the current list of the nearest gardens (Food Product Locations) to the SSES. Most recent Land Use Census also lists any locations where food products were irrigated with Susquehanna River water downstream from the liquid effluent discharge, during the reporting year. These locations (irrigated farms) identified in the Land Use Census could be currently performing irrigation depending on the time of the year and recent rainfall history.

**ENVIRONMENTAL SAMPLING LOCATIONS  
MILK LOCATIONS  
(Within 5-mile Radius of SSES)**

(Refer to "Land Use Census" for current information)

Location Code	Distance/Direction	Farm Owner or Operator
5E2E	4.5 miles E	Wilbur Bloss
6C1E	2.7 miles ESE	Durwood Moyer
6E3E	4.2 miles ESE	Floyd Rinehimer
10D1	3.0 miles SSW	Russell & Carl Ryman
10D2	3.1 miles SSW	Raymond Ryman
10D3E	3.5 miles SSW	Charles Drasher
10G1*	14 miles SSW	Ken Davis
12B2	1.7 miles WSW	Tim & Marla Berger
13E3E	5.0 miles W	Jack Dent
16E1E	4.2 miles NNW	Harold Shoemaker

\* Control Location

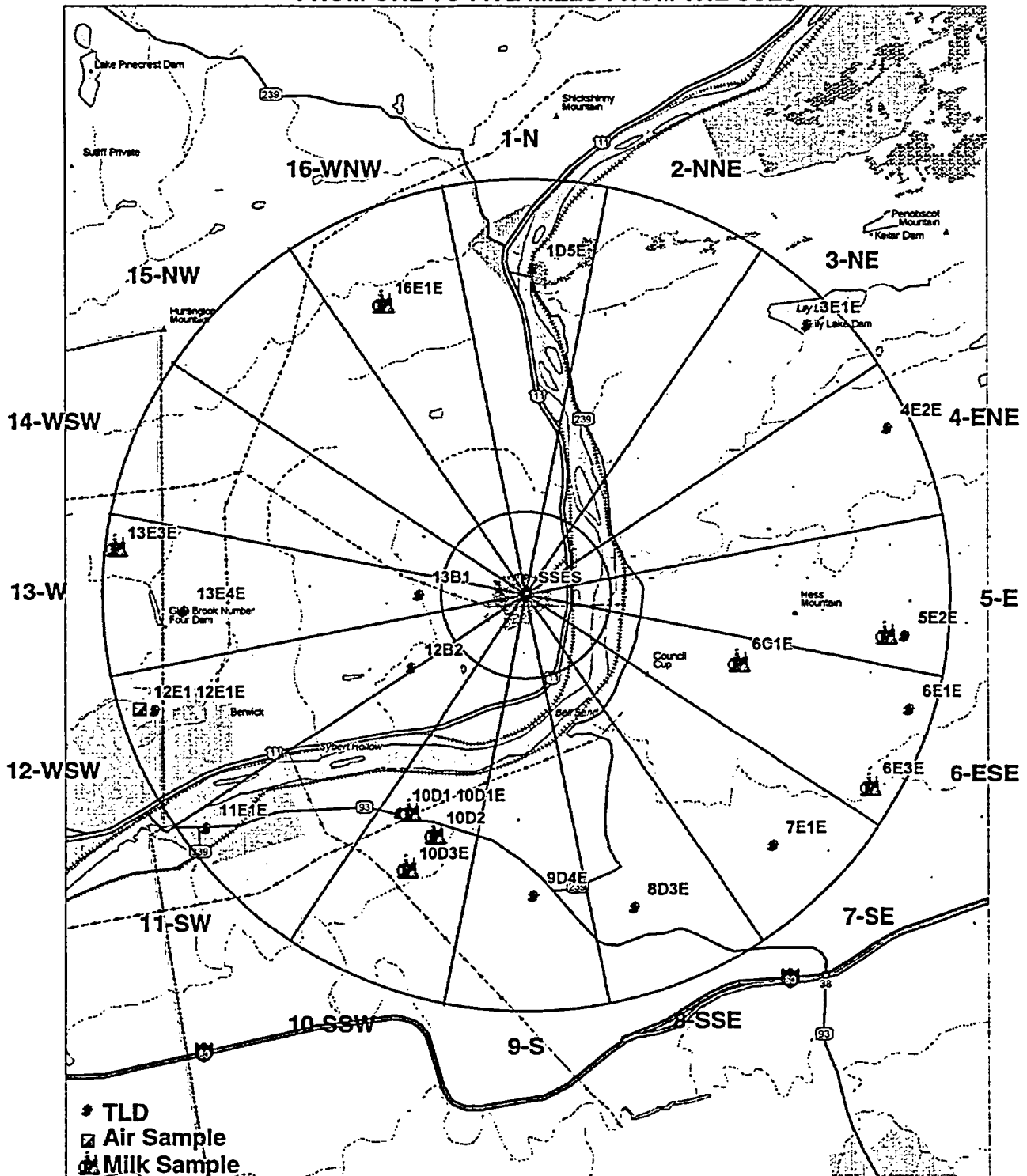
**SURFACE WATER LOCATIONS**

Location Code	Distance/Direction	Location Name
6S7	0.4 miles ESE	Cooling Tower Blowdown Line
6S5*	0.9 miles ESE	Outfall Area
12F1	5.3 miles WSW	Berwick Bridge
12F8	9.5 miles WSW	Mifflinville Bridge
12G5	17 miles WSW	East Bloomsburg Bridge
12G6	19 miles WSW	Catawissa Bridge
12H2R	26 miles WSW	Danville Water Company (or PA FBC Boat Ramp*)

\* Boat required to obtain sample at this location.



**ENVIRONMENTAL SAMPLING LOCATIONS**  
**FIGURE 2**  
**EREMP SAMPLING LOCATIONS**  
**FROM ONE TO FIVE MILES FROM THE SSES**



# ENVIRONMENTAL SAMPLING LOCATIONS

FIGURE 3  
EREMP SAMPLING LOCATIONS  
GREATER THAN FIVE MILES FROM THE SSES

