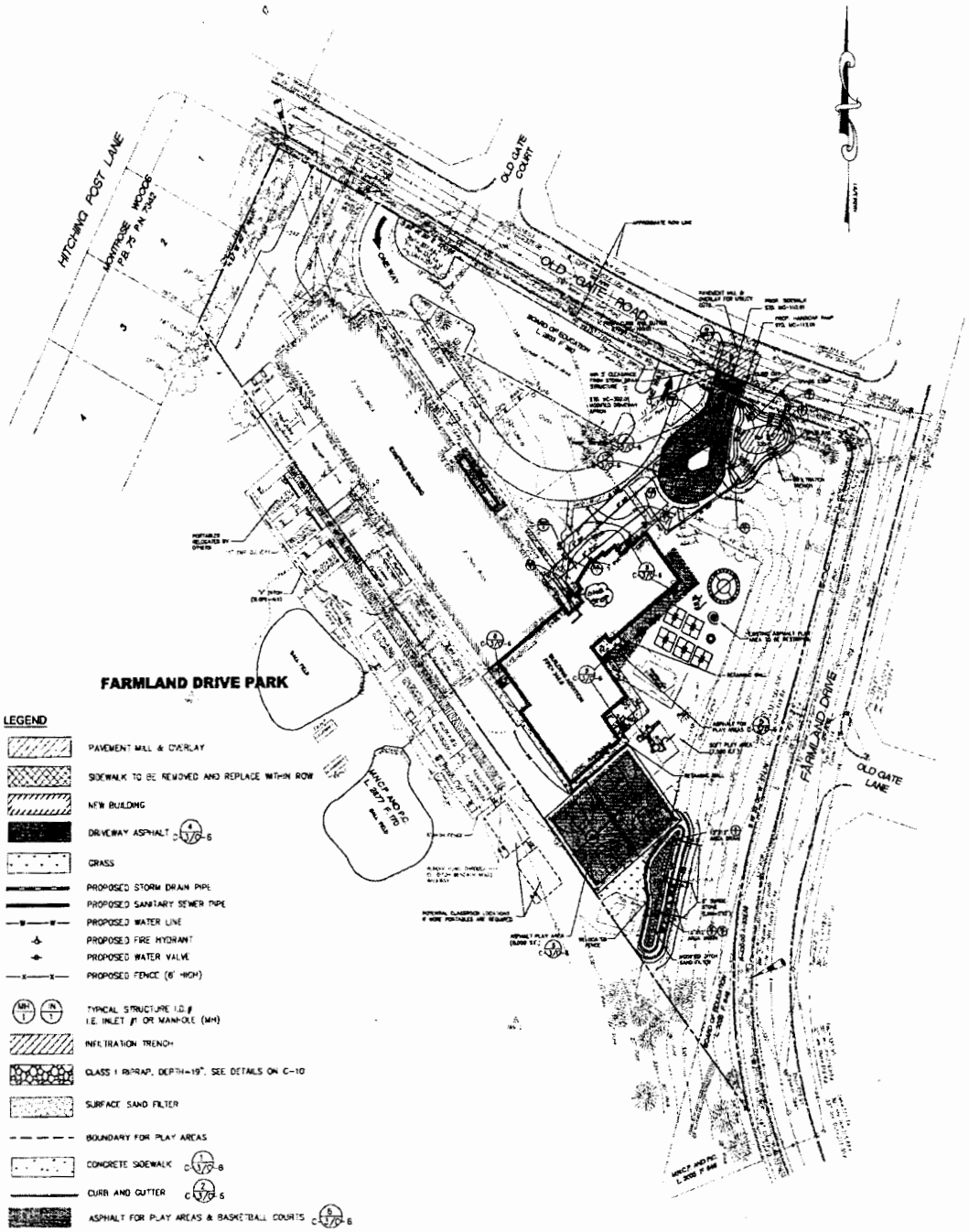
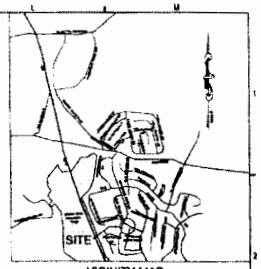
FARMLAND – PCB PLAN – APPENDIX 1

Topographic Map





VICINITY MAP
NTS

NOTES:

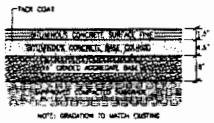
1. SEE C-14 THRU C-16 FOR CONSTRUCTION OF WSSC WATER & SEWER LINES.

2. SEE C-8 AND C-9 FOR CONSTRUCTION OF STORMWATER MANAGEMENT FACILITIES.

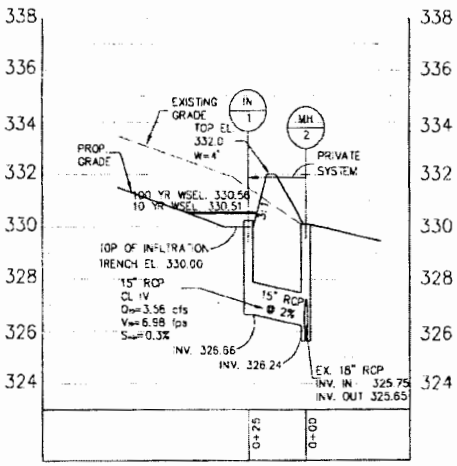
3. SEE C-10 FOR STORMDRAIN PROFILES AND STRUCTURE SCHEDULE.

4. ALL PROPOSED AND EXISTING SOFT PLAY AREAS SURROUNDING NEW ADDITION ARE TO BE REBUILT AT THE END OF CONSTRUCTION, INCLUDING WOOD CHIPS, GEOTEXTILE FABRIC, WOOD EDGES, ETC.

5. REMOVE AND REPLACE EXISTING DETERIORATED/DAMAGED CURB AND GUTTER AND SIDEWALK AS DIRECTED BY MCDPS INSPECTOR.



Bituminous Concrete Section
NOT TO SCALE



STORM WATER PROFILE

SCALE: 1" = 20' (HORIZ.)
1" = 2' (VERT.)

STORM DRAIN STRUCTURE SCHEDULE

STRUCTURE #	TYPE	TOP ELEV	INVERT IN	INVERT OUT	REMARKS	NORTHING	EASTING
IN - 1	PRECAST YARD INLET	330.25	--	326.66	SHA MD 378.02	502911.50	1271,352.21
MH - 2	PRECAST MANHOLE	330.10	325.75 (18")	325.65	SHA MD 384.01	502924.40	1271,360.16
			326.24 (15")				

NOTES:

1. ALL STATIONING SHOWN IS TO CENTER OF MANHOLE/CLEANOUT.
2. ALL MANHOLE LOCATIONS ARE TO CENTER OF STRUCTURE

INFORMATION FOR MONTGOMERY COUNTY RIGHT-OF-WAY PERMIT

FARMLAND ELEMENTARY SCHOOL ADDITION

Parcel P652 Liber 2833 Folio 280
7000 Old Gate Road
Rockville, Maryland 20850

MONTGOMERY COUNTY PUBLIC SCHOOLS

PEOPLE ARCHITECTURE
CSD

Cochran, Stephenson & Donkervoet, Inc.

No.	Date	Revisions
1	01-18-05	CD SUBMISSION
2	03-15-05	100% CD SUBMISSION
3	04-01-05	100% CD REVIEW SET
4	06-14-05	BID SET

CSD Project No. 04079
File Name:
Date June, 2005
Scale:
Dwg. Name:

SITE PLAN

Dwg. No.
C-3
Sheet 4 of 21

CONSTRUCTION DOCUMENTS

FARMLAND – PCB PLAN – APPENDIX 2

Farmland Elementary School Polychlorinated Biphenyls Bulk Material Sampling Survey

Farmland Elementary School Polychlorinated Biphenyls Bulk Material Sampling Survey

1.0 INTRODUCTION

At the request of Environmental Services/IAQ of the Montgomery County Public Schools (MCPS) Division of Maintenance, Science Applications International Corporation (SAIC) conducted a survey of polychlorinated biphenyls (PCBs) in selected building materials at the Farmland Elementary School at 7000 Old Gate Road, Rockville, Maryland on December 14, 2009. The school was constructed in 1962 and its original section is currently being prepared for demolition. The survey was conducted in response to a September 2009 Environmental Protection Agency (EPA) news release regarding PCBs in caulk of buildings constructed or renovated between 1950 and 1978. MCPS needed the information on the presence of PCBs in this facility to plan for a safe and proper removal and disposal of PCB-containing materials before the building is demolished.

The survey was conducted by Ching K. Chen, PhD, PE, CIH and Brandon Peebles of SAIC. This report presents the results of the survey. It identifies the building materials targeted, describes the sampling protocol, and discusses the laboratory analysis results.

2.0 SAMPLING PROTOCOL

The EPA news release states that PCBs may be found in caulk in many buildings constructed or renovated before the use of PCBs was banned. Caulking materials are used on window glazing, around window and door framing, on bathroom sinks, and in expansion joints. A walk-through of the school on December 10 revealed that caulk materials are present on window glazing on the exterior windows (on the outside rims of each glazing pane); around exterior window frames, both on the outside and inside surfaces of the walls; around exterior door frames, primarily on the outside surfaces of the walls; and around certain interior window and door frames; and miscellaneous material such as expansion joints on exterior brick walls and on sidewalks, and bathroom sinks were found to have been filled with caulking materials. In other words, the following types of caulk were targeted for survey:

- Window Glazing Caulk
- Window Frame Caulk (both inside and outside)
- Door Frame Caulk (both inside and outside)
- Miscellaneous Interior Caulk

In the old section of the school, there are 59 exterior windows and each window may have up to 120 panes of various sizes of glazing (totaling 462 panes). Caulk is present on the four sides of each glazing pane. A great majority of the glazing caulk has a gray or light gray surface and shows surface cracks with a very hard texture; a few have a light gray to white color with smoother surface and some are soft to the touch; these apparently are recent replacements. There are 12 exterior doors and numerous interior

doors. Each room has at least one interior door and there are approximately 35 rooms of various sizes and functional designs in the old section.

It is impractical to sample bulk caulk materials from each glazing pane, window frame, or door frame. A random sampling approach designed to achieve certain statistical objectives was therefore used. Based on the National Institute for Occupational Safety and Health (NIOSH) Publication No. 77-173, Occupational Exposure Sampling Strategy Manual, it is possible to select a sample size so that there is a certain probability that at least one of the samples (or workers) from a group of homogeneous sources (or similarly exposed workers) will show the highest risk. For this survey, the sample size to obtain the top 20% value at a confidence level of 90% was adopted. As such the sample size for various range of population size as recommended in the NIOSH Manual is as follows:

Population Size	6	7 - 9	10 - 14	15 - 26	27-50	51-∞
Required Number of Samples	5	6	7	8	9	11

Based on this approach, the following minimum number of samples is required for each category of caulk material:

- Window Glazing Caulk: 11 samples from 462 panes
- Exterior Window Outside Caulk: 11 samples from 59 windows
- Exterior Window Inside Caulk: 11 samples from 59 windows
- Exterior Door Outside Caulk: 7 samples from 12 doors
- Exterior Door Inside Caulk: 7 samples from 12 doors
- Miscellaneous Interior Caulk: At least one sample for each (not following this statistical approach)

To randomly select the location of window glazing panes, window frames, or door frames for sampling, each unit of each category was assigned a unique and sequential number starting from one corner of the building and then circling counter clockwise back to the starting point, from the first floor to the second floor. Caulk on window glazing panes was considered as a homogeneous category and all 462 panes were numbered. Exterior doors had already been marked with identification numbers from 1 through 20 but there are only 12 doors in the old section. These 12 doors were renumbered for random selection purpose. To identify a specific site for sampling, a random number in decimal was first generated, which was then multiplied by the total number of units in the category that produced a number to identify a specific unit for sampling until the required number of sample sites had been selected.

At some locations, the randomly selected sites were found to be missing the caulk, could not be accessed, or had an apparently newly replaced material; a nearby location was then used. Glazing caulk with an obviously different color and texture was sampled in addition to the randomly selected samples.

Inside the building, caulk was found only on one frame of an exterior door. A sample was collected from this door frame and considered as a miscellaneous material. No caulk was found on interior doors or interior windows. No caulk was found in various bathrooms except for a sink in a staff bathroom (Room 100) which was sampled. Other miscellaneous caulks found include a vertical strip of expansion joint compound along two walls near Door 10, and a few window glazing caulks of different colors and textures, and a sidewalk expansion joint compound on the sidewalk in front of the building; each of them was sampled.

3.0 Results and Discussion

In all, five categories of caulk were sampled. The samples collected included:

- 11 Exterior Window Glazing Caulk Samples
- 11 Exterior Window Frame Outside Caulk Samples
- 11 Exterior Window Frame Inside Caulk Samples
- 7 Exterior Door Frame Outside Caulk Samples
- 9 Miscellaneous Caulk Samples including one inside caulk sample on an exterior door frame, a bathroom sink caulk sample, two caulk samples from expansion joint compound, and several samples of window glazing caulks of different colors and textures.

In most cases, the caulk materials were very dense and hard, especially those on window glazing. A chisel and hammer were used to extract the sample from source locations. A teaspoonful of bulk caulking material was collected from each sampling site and placed in small plastic containers and sealed and labeled with a unique identification number. The samples were sent to Analytics Laboratory in Ashland, Virginia for analysis of PCBs. Analytics Laboratory is an American Industrial Hygiene Association (AIHA) accredited laboratory. The laboratory used EPA Method SW-846 3550B for PCB extraction and Method SW-846 8082 for analysis of seven types of PCBs including Aroclor 1016, 1221, 1232, 1242, 1248, 1254, and 1260. The concentration of each PCB is reported in milligram per kilogram (mg/Kg), which is equivalent to parts per million (ppm). The analytical method had a nominal detection limit of 0.5 ppm and the EPA criterion for a PCB bulk product waste under the Toxic Substance Control Act (TSCA) is 50 ppm.

Sampling and analysis results for each of the five categories of caulk are summarized in Tables 1 through 5. Floor plans of the facility showing sampling locations are presented in Figure 1. Laboratory reports are included in Appendix A. Only two samples were found to contain PCB at a concentration above the EPA criterion of 50 ppm as a PCB bulk product waste.

One of the samples is from an exterior window frame outside caulk. It contains 443 ppm of Aroclor 1254; sample 219-WDF-09 from the right side window at Room 23. Assuming that the outside caulk on exterior window frames is of similar composition and based on the random sampling scheme and this result, all outside caulk on exterior window frames must be considered to be a PCB bulk product. The other sample is from the expansion joint compound that runs vertically in an approximately one-inch wide strip between two brick walls near Door 10; it has a concentration of 18,200 ppm of Aroclor 1254. This joint compound is found only at this location.

None of the other caulking materials sampled including the caulk from window glazing (both from random selected samples and individually sampled locations), inside window frames caulk, and door frame caulk, and bathroom caulk around sinks exceeds the 50 ppm criterion. Such caulking materials would not be considered to be PCB bulk product waste.

4. Conclusions

As the sampling protocol for this survey is designed to allow the interpretation of the results with certain statistical significance, it can be concluded with 90 percent confidence that window glazing caulk, inside caulk on exterior window frames, and outside caulk on exterior door frames are not PCB bulk product waste. No caulk was found on interior door and window frames. No caulk was found in almost all bathrooms; one sink was found to have caulking material but it has no detectable PCBs. The only confirmed PCB bulk products wastes are found in the outside caulk around exterior window frames and a strip of vertical expansion joint compound between two walls near Door 10.

Prepared by:
Ching K. Chen, PhD, PE, CIH
Senior Manager
Science Applications International Corporation
12100 Sunset Hills Road
Reston, Virginia 20190

January 4, 2010

Table 1
Summary of PCB Bulk Sampling
Exterior Window Glazing
Farmland Elementary School
December 14, 2009

Sample ID	Sample Location**	Sample Description	PCB Concentration*	
			PCB Name	Concentration mg/Kg (ppm)
219-WG-01	Boiler Room, right window, top pane	Grayish color, hard, with black paint underneath	All	< 0.5
219-WG-02	Window by Door 14, LTR 2nd col., 3rd pane from bottom	Grayish with cracking surface, very hard	All	< 0.5
219-WG-03	Room 7, right window, 2nd pane from bottom	Grayish outside, white inside, pliable	All	< 0.5
219-WG-04	All Purpose Room, RTL, 7th col., 3rd pane from bottom	Grayish, hard material	All	< 0.5
219-WG-05	All Purpose Room, LTR, 6th col., 3rd pane from bottom	Grayish color, some surface cracking, very hard	All	< 0.5
219-WG-06	Kitchen, lower left corner pane	Grayish color, some surface cracking, very hard	All	< 0.5
219-WG-07	Room 23, left window, 2nd pane from top	Grayish color, cracking surface, hard material	All	< 0.5
219-WG-08	Room 25, right window, 2nd pane from top	Grayish color, cracking surface, hard material	All	< 0.5
219-WG-09	Room 22, left window, 2nd pane from top	Grayish color, cracking surface, hard material	All	< 0.5
219-WG-10	Room 24, left window, 2nd pane from top	Grayish color, cracking surface, hard material	All	< 0.5
219-WG-11	All Purpose Room, LTR, 8th col., 3rd pane from bottom	Grayish color, cracking surface, hard material	All	< 0.5

* "All" indicates that each of the PCBs, Aroclor 1016, 1221, 1232, 1242, 1248, 1254, and 1260, is below the detection limit. Where a PCB name appears, it is the only PCB detected at the concentration shown; all other PCBs are below the detection limit.
** LTR: from left to right; RTL: from right to left (looking from outside toward the building); Col: Column.

Table 2
Summary of PCB Bulk Sampling
Exterior Window Frame Outside Caulk
Farmland Elementary School
December 14, 2009

Sample ID	Sample Location	Sample Description	PCB Concentration*	
			PCB Name	Concentration mg/Kg (ppm)
219-WDF-01	Window frame by Door 15, right side	Grayish top layer, brownish under, on brick	All	< 0.5
219-WDF-02	Room 11, right window, at bottom ledge	Grayish, pliable	Aroclor 1248	3.52
219-WDF-03	Room 7, left window, on right side of frame	Grayish outside, white inside, pliable	Aroclor 1248	37.0
219-WDF-04	Room 8, right window, lower left side of frame	Grayish color with mildew on surface	All	< 0.5
219-WDF-05	Room 8, left window, right side of frame	Grayish color with mildew on surface	All	< 0.5
219-WDF-06	Room 6, left window, right side of frame above A/C	Grayish color with mildew on surface	All	< 0.5
219-WDF-07	Room 4, right window, bottom of frame on concrete jam	Grayish color with mildew on surface	All	< 0.5
219-WDF-08	Room 23, left window, right side of frame	Grayish material under soft white caulk	All	< 0.5
219-WDF-09	Room 23, right window, right side of frame	Grayish, pliable to brittle	Aroclor 1254	443
219-WDF-10	Room 24, right window	Grayish with white caulk on side, pliable	Aroclor 1254	2.64
219-WDF-11	All Purpose Room, right side of frame, on brick	Grayish brown, pliable	All	< 0.5

* "All" indicates that each of the PCBs, Aroclor 1016, 1221, 1232, 1242, 1248, 1254, and 1260, is below the detection limit. Where a PCB name appears, it is the only PCB detected at the concentration shown; all other PCBs are below the detection limit.

Table 3
Summary of PCB Bulk Sampling
Exterior Window Frame Inside Caulk
Farmland Elementary School
December 14, 2009

Sample ID	Sample Location	Sample Description	PCB Concentration*	
			PCB Name	Concentration mg/Kg (ppm)
219-IWD-01	Room 4, left window	Grayish color, brittle	Aroclor 1254	0.713
219-IWD-02	Room 1, left window	Grayish color, brittle	All	< 0.5
219-IWD-03	Room 9, right window	Grayish color, somewhat pliable	Aroclor 1254	1.16
219-IWD-04	Second floor, storage room next to Boys Bathroom by stair	Grayish white, hard and brittle	Aroclor 1254	0.609
219-IWD-05	Room 31, right window, right side of frame	White/beige surface paint, grayish inside, brittle	All	< 0.5
219-IWD-06	Room 27, left window, upper rift side of frame	White/beige surface paint, grayish inside, brittle	All	< 0.5
219-IWD-07	Room 25, left window, upper left side of frame	White/beige surface paint, grayish inside, brittle	All	< 0.5
219-IWD-08	Room 23, right window, lower section	White/beige surface paint, grayish inside, brittle	All	< 0.5
219-IWD-09	Room 22, left window,	Grayish thin caulk, brittle	Aroclor 1248 Aroclor 1254	0.696 0.695
219-IWD-10	Room 26, left window	Grayish thin caulk, brittle	All	< 0.5
219-IWD-11	Room 30, right window	Grayish thin caulk, brittle	Aroclor 1254	0.663

* "All" indicates that each of the PCBs, Aroclor 1016, 1221, 1232, 1242, 1248, 1254, and 1260, is below the detection limit. Where a PCB name appears, it is the only PCB detected at the concentration shown; all other PCBs are below the detection limit.

Table 4
Summary of PCB Bulk Sampling
Exterior Door Frame Outside Caulk
Farmland Elementary School
December 14, 2009

Sample ID	Sample Location	Sample Description	PCB Concentration*	
			PCB Name	Concentration mg/Kg (ppm)
219-DR-01	Door 11, back side of building	Grayish beige surface paint, soft	All	< 0.5
219-DR-02	Door 10, back side of building	Grayish beige surface paint, soft	Aroclor 1254	1.92
219-DR-03	Door 16, back side of building, right top side of frame	Beige surface paint, grayish caulk, pliable	Aroclor 1248	0.518
219-DR-04	Door 1, main entrance, left side of frame	Beige paint, white caulk, pliable	Aroclor 1254	3.68
219-DR-05	Door 18, kitchen exit,	Brownish beige paint, brittle	All	< 0.5
219-DR-06	Door 15, backside of building	Beige paint, white caulk, hard	All	< 0.5
219-DR-07	Door 19, All Purpose Room side door	Beige paint, grayish caulk, hard	All	< 0.5

* "All" indicates that each of the PCBs, Aroclor 1016, 1221, 1232, 1242, 1248, 1254, and 1260, is below the detection limit. Where a PCB name appears, it is the only PCB detected at the concentration shown; all other PCBs are below the detection limit.

Table 5
Summary of PCB Bulk Sampling
Miscellaneous Interior Caulk
Farmland Elementary School
December 14, 2009

Sample ID	Sample Location	Sample Description	PCB Concentration*	
			PCB Name	Concentration mg/Kg (ppm)
219-DRI-01	Door 19, All Purpose Room, on inside frame	Beige paint, grayish white caulk, brittle	Aroclor 1254	2.92
219-MIS-01	Window by Door 14, LTR, 2nd col., bottom pane glazing caulk	Grayish white surface, newer caulk	Aroclor 1254	12.6
219-MIS-02	Expansion joint between walls by Door 10	Grayish color, cracking, some hard and some soft, some with soft white caulk underneath	Aroclor 1254	18,200
219-MIS-03	All Purpose Room, window, LTR, 7th col., 3rd pane from bottom glazing caulk	Grayish white, looks newer, no cracking	Aroclor 1254	22.6
219-MIS-04	Room with Door 15, window, LTR, 3rd col., bottom pane glazing caulk	White surface, very hard, powdering when hit with chisel	All	< 0.5
219-MIS-05	Sidewalk expansion joint, in front of building, near left side of window at All Purpose Room	Grayish and soft	All	< 0.5
219-MIS-06	Staff Bathroom 100, caulk on sink	White caulk, pliable	Aroclor 1254	5.37
219-MIS-07	Room 11, interior door frame at room inside	Beige paint, grayish white caulk, soft	All	< 0.5
219-MIS-08	Room 1M, window frame in interior room, at bottom of frame	White paint, dried dripping like material, grayish inside	Aroclor 1248 Aroclor 1254	2.00 1.21

* "All" indicates that each of the PCBs, Aroclor 1016, 1221, 1232, 1242, 1248, 1254, and 1260, is below the detection limit. Where a PCB name appears, it is the only PCB detected at the concentration shown; all other PCBs are below the detection limit.
** LTR: from left to right; RTL: from right to left (looking from outside toward the building); Col: Column.

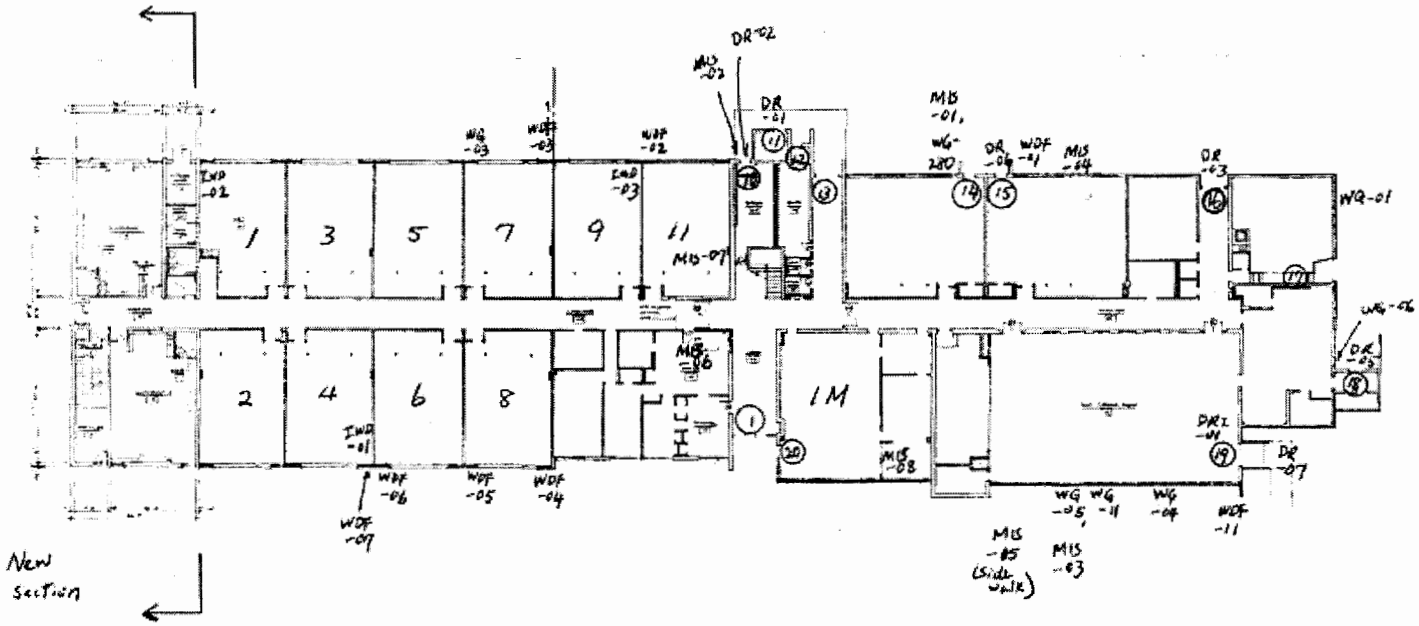


Figure 1. Farmland ES Floor Plan Showing Caulk Sampling Locations (First Floor)

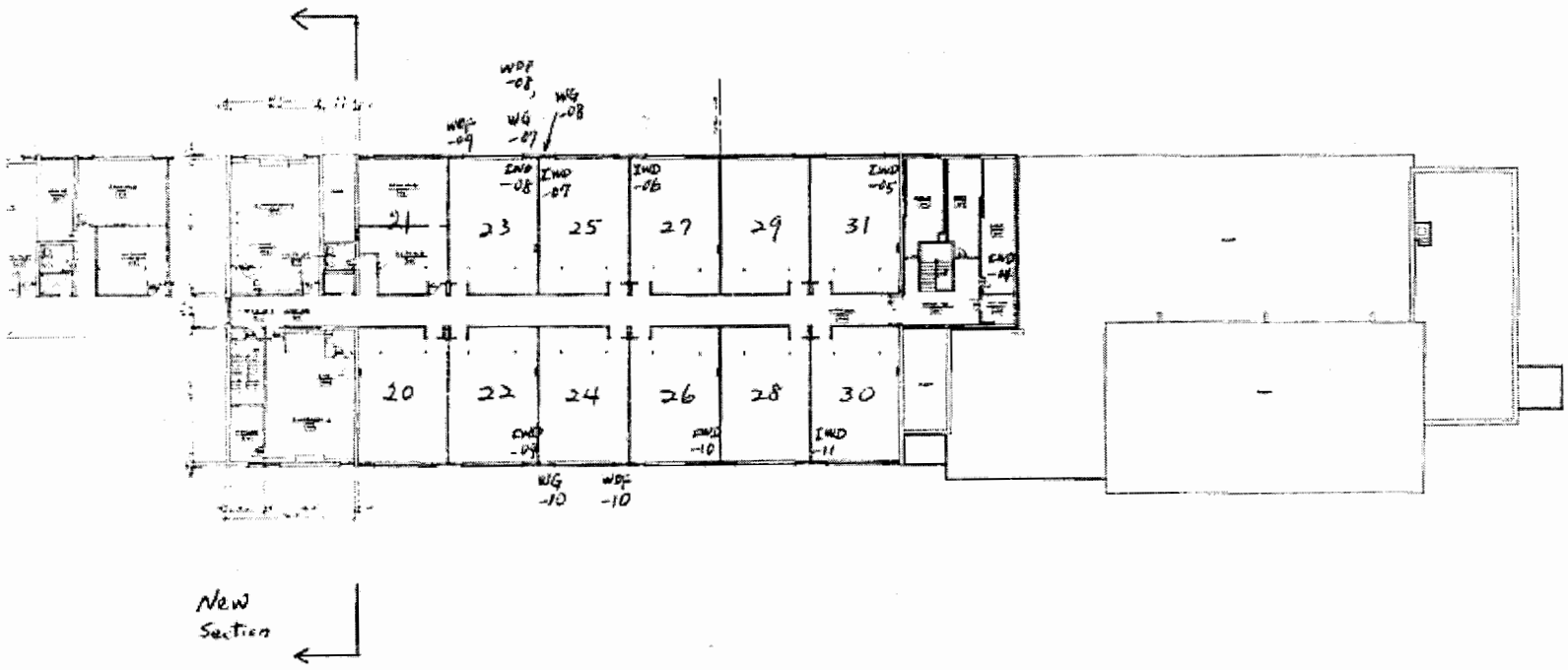


Figure 1 (continued). Farmland ES Floor Plan Showing Caulk Sampling Locations (Second Floor)

APPENDIX A

Laboratory Reports

Analytics Corporation
10329 Stony Run Lane
Ashland, VA 23005
Phone: (804)365-3000
Fax: (804)365-3002

ANALYTICAL RESULTS

Workorder: 9350023 187835-FMD

Lab ID: **9350023001** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WG-01** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 23:36	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 23:36	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 23:36	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 23:36	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 23:36	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 23:36	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 23:36	MBC	

Analytics Corporation
10329 Stony Run Lane
Ashland, VA 23005
Phone: (804)365-3000
Fax: (804)365-3002

ANALYTICAL RESULTS

Workorder: 9350023 187835-FMD

Lab ID: **9350023002** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WG-02** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 00:06	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 00:06	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 00:06	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 00:06	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 00:06	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 00:06	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 00:06	MBC	

Analytics Corporation
10329 Stony Run Lane
Ashland, VA 23005
Phone: (804)365-3000
Fax: (804)365-3002

ANALYTICAL RESULTS

Workorder: 9350023 187835-FMD

Lab ID: **9350023003** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WG-03** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 00:37	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 00:37	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 00:37	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 00:37	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 00:37	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 00:37	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 00:37	MBC	

Analytics Corporation
10329 Stony Run Lane
Ashland, VA 23005
Phone: (804)365-3000
Fax: (804)365-3002

ANALYTICAL RESULTS

Workorder: 9350023 187835-FMD

Lab ID: **9350023004** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WG-04** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 01:08	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 01:08	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 01:08	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 01:08	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 01:08	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 01:08	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 01:08	MBC	

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ANALYTICAL RESULTS

Workorder: 9350023 187835-FMD

Lab ID: **9350023005** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WG-05** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 01:38	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 01:38	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 01:38	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 01:38	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 01:38	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 01:38	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 01:38	MBC	

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ANALYTICAL RESULTS

Workorder: 9350023 187835-FMD

Lab ID: **9350023006** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WG-06** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 02:09	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 02:09	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 02:09	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 02:09	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 02:09	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 02:09	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 02:09	MBC	

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ANALYTICAL RESULTS

Workorder: 9350023 187835-FMD

Lab ID: **9350023007** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WG-07** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 02:40	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 02:40	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 02:40	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 02:40	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 02:40	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 02:40	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 02:40	MBC	

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ANALYTICAL RESULTS

Workorder: 9350023 187835-FMD

Lab ID: **9350023008** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WG-08** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 03:11	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 03:11	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 03:11	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 03:11	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 03:11	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 03:11	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 03:11	MBC	

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ANALYTICAL RESULTS

Workorder: 9350023 187835-FMD

Lab ID: **9350023009** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WG-09** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 03:41	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 03:41	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 03:41	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 03:41	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 03:41	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 03:41	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/22/2009 03:41	MBC	

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ANALYTICAL RESULTS

Workorder: 9350023 187835-FMD

Lab ID: **9350023010** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WG-10** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 13:25	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 13:25	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 13:25	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 13:25	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 13:25	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 13:25	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 13:25	MBC	

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ANALYTICAL RESULTS

Workorder: 9350023 187835-FMD

Lab ID: **9350023011** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WG-11** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 13:47	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 13:47	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 13:47	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 13:47	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 13:47	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 13:47	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 13:47	MBC	

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ANALYTICAL RESULTS

Workorder: 9350022 187835-FMD

Lab ID: **9350022001** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WDF-01** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 18:00	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 18:00	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 18:00	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 18:00	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 18:00	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 18:00	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 18:00	MBC	

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ANALYTICAL RESULTS

Workorder: 9350022 187835-FMD

Lab ID: **9350022002** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WDF-02** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	2	12/18/2009 13:36	NT	12/22/2009 10:18	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	2	12/18/2009 13:36	NT	12/22/2009 10:18	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	2	12/18/2009 13:36	NT	12/22/2009 10:18	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	2	12/18/2009 13:36	NT	12/22/2009 10:18	MBC	
Aroclor 1248	3.52	mg/Kg	0.500	2	12/18/2009 13:36	NT	12/22/2009 10:18	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	2	12/18/2009 13:36	NT	12/22/2009 10:18	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	2	12/18/2009 13:36	NT	12/22/2009 10:18	MBC	

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ANALYTICAL RESULTS

Workorder: 9350022 187835-FMD

Lab ID: **9350022003** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WDF-03** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	10	12/18/2009 13:36	NT	12/22/2009 10:41	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	10	12/18/2009 13:36	NT	12/22/2009 10:41	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	10	12/18/2009 13:36	NT	12/22/2009 10:41	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	10	12/18/2009 13:36	NT	12/22/2009 10:41	MBC	
Aroclor 1248	37.0	mg/Kg	0.500	10	12/18/2009 13:36	NT	12/22/2009 10:41	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	10	12/18/2009 13:36	NT	12/22/2009 10:41	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	10	12/18/2009 13:36	NT	12/22/2009 10:41	MBC	

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ANALYTICAL RESULTS

Workorder: 9350022 187835-FMD

Lab ID: **9350022004** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WDF-04** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 19:08	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 19:08	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 19:08	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 19:08	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 19:08	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 19:08	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	N1	12/21/2009 19:08	MBC	

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ANALYTICAL RESULTS

Workorder: 9350022 187835-FMD

Lab ID: **9350022005** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WDF-05** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 19:31	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 19:31	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 19:31	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 19:31	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 19:31	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 19:31	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 19:31	MBC	

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ANALYTICAL RESULTS

Workorder: 9350022 187835-FMD

Lab ID: **9350022006** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WDF-06** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 20:01	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 20:01	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 20:01	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 20:01	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 20:01	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 20:01	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 20:01	MBC	

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ANALYTICAL RESULTS

Workorder: 9350022 187835-FMD

Lab ID: **9350022007** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WDF-07** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 20:32	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 20:32	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 20:32	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 20:32	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 20:32	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 20:32	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 20:32	MBC	

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ANALYTICAL RESULTS

Workorder: 9350022 187835-FMD

Lab ID: **9350022008** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WDF-08** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 21:02	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 21:02	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 21:02	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 21:02	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 21:02	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 21:02	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 21:02	MBC	

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ANALYTICAL RESULTS

Workorder: 9350022 187835-FMD

Lab ID: **9350022009** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WDF-09** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<10.0	mg/Kg	10.0	200	12/18/2009 13:36	NT	12/22/2009 11:04	MBC	
Aroclor 1221	<10.0	mg/Kg	10.0	200	12/18/2009 13:36	NT	12/22/2009 11:04	MBC	
Aroclor 1232	<10.0	mg/Kg	10.0	200	12/18/2009 13:36	NT	12/22/2009 11:04	MBC	
Aroclor 1242	<10.0	mg/Kg	10.0	200	12/18/2009 13:36	NT	12/22/2009 11:04	MBC	
Aroclor 1248	<10.0	mg/Kg	10.0	200	12/18/2009 13:36	NT	12/22/2009 11:04	MBC	
Aroclor 1254	443	mg/Kg	10.0	200	12/18/2009 13:36	NT	12/22/2009 11:04	MBC	
Aroclor 1260	<10.0	mg/Kg	10.0	200	12/18/2009 13:36	NT	12/22/2009 11:04	MBC	

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ANALYTICAL RESULTS

Workorder: 9350022 187835-FMD

Lab ID: **9350022010** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WDF-10** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 22:04	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 22:04	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 22:04	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 22:04	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 22:04	MBC	
Aroclor 1254	2.64	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 22:04	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 22:04	MBC	

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ANALYTICAL RESULTS

Workorder: 9350022 187835-FMD

Lab ID: **9350022011** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-WDF-11** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 22:35	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 22:35	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 22:35	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 22:35	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 22:35	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 22:35	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/18/2009 13:36	NT	12/21/2009 22:35	MBC	

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ANALYTICAL RESULTS

Workorder: 9350025 187835-FMD

Lab ID: **9350025001** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-IWD-01** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:50	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:50	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:50	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:50	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:50	MBC	
Aroclor 1254	0.713	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:50	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:50	MBC	

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ANALYTICAL RESULTS

Workorder: 9350025 187835-FMD

Lab ID: **9350025002** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-IWD-02** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 17:14	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 17:14	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 17:14	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 17:14	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 17:14	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 17:14	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 17:14	MBC	

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ANALYTICAL RESULTS

Workorder: 9350025 187835-FMD

Lab ID: **9350025003** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-IWD-03** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 17:37	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 17:37	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 17:37	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 17:37	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 17:37	MBC	
Aroclor 1254	1.16	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 17:37	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 17:37	MBC	

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Workorder: 9350025 187835-FMD

Lab ID: **9350025004** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-IWD-04** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:02	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:02	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:02	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:02	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:02	MBC	
Aroclor 1254	0.609	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:02	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:02	MBC	

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ANALYTICAL RESULTS

Workorder: 9350025 187835-FMD

Lab ID: **9350025005** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-IWD-05** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:28	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:28	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:28	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:28	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:28	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:28	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:28	MBC	

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ANALYTICAL RESULTS

Workorder: 9350025 187835-FMD

Lab ID: **9350025006** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-IWD-06** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:54	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:54	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:54	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:54	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:54	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:54	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 18:54	MBC	

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ANALYTICAL RESULTS

Workorder: 9350025 187835-FMD

Lab ID: **9350025007** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-IWD-07** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 19:19	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 19:19	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 19:19	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 19:19	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 19:19	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 19:19	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 19:19	MBC	

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ANALYTICAL RESULTS

Workorder: 9350025 187835-FMD

Lab ID: **9350025008** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-IWD-08** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 19:45	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 19:45	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 19:45	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 19:45	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 19:45	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 19:45	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 19:45	MBC	

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ANALYTICAL RESULTS

Workorder: 9350025 187835-FMD

Lab ID: **9350025009** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-IWD-09** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 20:37	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 20:37	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 20:37	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 20:37	MBC	
Aroclor 1248	0.696	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 20:37	MBC	
Aroclor 1254	0.695	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 20:37	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 20:37	MBC	

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ANALYTICAL RESULTS

Workorder: 9350025 187835-FMD

Lab ID: **9350025010** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-IWD-10** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 21:02	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 21:02	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 21:02	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 21:02	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 21:02	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 21:02	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 21:02	MBC	

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ANALYTICAL RESULTS

Workorder: 9350025 187835-FMD

Lab ID: **9350025011** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-IWD-11** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 21:28	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 21:28	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 21:28	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 21:28	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 21:28	MBC	
Aroclor 1254	0.663	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 21:28	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 21:28	MBC	

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ANALYTICAL RESULTS

Workorder: 9350024 187835-FMD

Lab ID: **9350024001** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-DR-01** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:10	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:10	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:10	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:10	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:10	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/21/2009 14:44.	NT	12/22/2009 14:10	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:10	MBC	

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ANALYTICAL RESULTS

Workorder: 9350024 187835-FMD

Lab ID: **9350024002** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-DR-02** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:33	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:33	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:33	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:33	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:33	MBC	
Aroclor 1254	1.92	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:33	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:33	MBC	

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ANALYTICAL RESULTS

Workorder: 9350024 187835-FMD

Lab ID: **9350024003** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-DR-03** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:33	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:33	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:33	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:33	MBC	
Aroclor 1248	0.518	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:33	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:33	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 14:33	MBC	

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ANALYTICAL RESULTS

Workorder: 9350024 187835-FMD

Lab ID: **9350024004** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-DR-04** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	2	12/21/2009 14:44	NT	12/23/2009 11:53	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	2	12/21/2009 14:44	NT	12/23/2009 11:53	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	2	12/21/2009 14:44	NT	12/23/2009 11:53	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	2	12/21/2009 14:44	NT	12/23/2009 11:53	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	2	12/21/2009 14:44	NT	12/23/2009 11:53	MBC	
Aroclor 1254	3.68	mg/Kg	0.500	2	12/21/2009 14:44	NT	12/23/2009 11:53	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	2	12/21/2009 14:44	NT	12/23/2009 11:53	MBC	

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ANALYTICAL RESULTS

Workorder: 9350024 187835-FMD

Lab ID: **9350024005** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-DR-05** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 15:42	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 15:42	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 15:42	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 15:42	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 15:42	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 15:42	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 15:42	MBC	

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ANALYTICAL RESULTS

Workorder: 9350024 187835-FMD

Lab ID: **9350024006** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-DR-06** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:05	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:05	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:05	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:05	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:05	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:05	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:05	MBC	

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ANALYTICAL RESULTS

Workorder: 9350024 187835-FMD

Lab ID: **9350024007** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-DR-07** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:27	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:27	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:27	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:27	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:27	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:27	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/21/2009 14:44	NT	12/22/2009 16:27	MBC	

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ANALYTICAL RESULTS

Workorder: 9350021 187835-FMD

Lab ID: **9350021001** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-DR1-01** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.610	mg/Kg	0.610	1	12/17/2009 16:11	NT	12/18/2009 20:48	MBC	
Aroclor 1221	<0.610	mg/Kg	0.610	1	12/17/2009 16:11	NT	12/18/2009 20:48	MBC	
Aroclor 1232	<0.610	mg/Kg	0.610	1	12/17/2009 16:11	NT	12/18/2009 20:48	MBC	
Aroclor 1242	<0.610	mg/Kg	0.610	1	12/17/2009 16:11	NT	12/18/2009 20:48	MBC	
Aroclor 1248	<0.610	mg/Kg	0.610	1	12/17/2009 16:11	NT	12/18/2009 20:48	MBC	
Aroclor 1254	2.92	mg/Kg	0.610	1	12/17/2009 16:11	NT	12/18/2009 20:48	MBC	
Aroclor 1260	<0.610	mg/Kg	0.610	1	12/17/2009 16:11	NT	12/18/2009 20:48	MBC	

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ANALYTICAL RESULTS

Workorder: 9350021 187835-FMD

Lab ID: **9350021002** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-MIS-01** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	10	12/17/2009 16:11	NT	12/21/2009 13:18	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	10	12/17/2009 16:11	NT	12/21/2009 13:18	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	10	12/17/2009 16:11	NT	12/21/2009 13:18	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	10	12/17/2009 16:11	NT	12/21/2009 13:18	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	10	12/17/2009 16:11	NT	12/21/2009 13:18	MBC	
Aroclor 1254	12.6	mg/Kg	0.500	10	12/17/2009 16:11	NT	12/21/2009 13:18	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	10	12/17/2009 16:11	NT	12/21/2009 13:18	MBC	

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ANALYTICAL RESULTS

Workorder: 9350021 187835-FMD

Lab ID: **9350021003** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-MIS-02** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<1000	mg/Kg	1000	20000	12/17/2009 16:11	NT	12/21/2009 15:40	MBC	
Aroclor 1221	<1000	mg/Kg	1000	20000	12/17/2009 16:11	NT	12/21/2009 15:40	MBC	
Aroclor 1232	<1000	mg/Kg	1000	20000	12/17/2009 16:11	NT	12/21/2009 15:40	MBC	
Aroclor 1242	<1000	mg/Kg	1000	20000	12/17/2009 16:11	NT	12/21/2009 15:40	MBC	
Aroclor 1248	<1000	mg/Kg	1000	20000	12/17/2009 16:11	NT	12/21/2009 15:40	MBC	
Aroclor 1254	18200	mg/Kg	1000	20000	12/17/2009 16:11	NT	12/21/2009 15:40	MBC	
Aroclor 1260	<1000	mg/Kg	1000	20000	12/17/2009 16:11	NT	12/21/2009 15:40	MBC	

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ANALYTICAL RESULTS

Workorder: 9350021 187835-FMD

Lab ID: **9350021004** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-MIS-03** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<1.00	mg/Kg	1.00	20	12/17/2009 16:11	NT	12/21/2009 16:03	MBC	
Aroclor 1221	<1.00	mg/Kg	1.00	20	12/17/2009 16:11	NT	12/21/2009 16:03	MBC	
Aroclor 1232	<1.00	mg/Kg	1.00	20	12/17/2009 16:11	NT	12/21/2009 16:03	MBC	
Aroclor 1242	<1.00	mg/Kg	1.00	20	12/17/2009 16:11	NT	12/21/2009 16:03	MBC	
Aroclor 1248	<1.00	mg/Kg	1.00	20	12/17/2009 16:11	NT	12/21/2009 16:03	MBC	
Aroclor 1254	22.6	mg/Kg	1.00	20	12/17/2009 16:11	NT	12/21/2009 16:03	MBC	
Aroclor 1260	<1.00	mg/Kg	1.00	20	12/17/2009 16:11	NT	12/21/2009 16:03	MBC	

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ANALYTICAL RESULTS

Workorder: 9350021 187835-FMD

Lab ID: **9350021005** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-MIS-04** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 22:51	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 22:51	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 22:51	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 22:51	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 22:51	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 22:51	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 22:51	MBC	

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ANALYTICAL RESULTS

Workorder: 9350021 187835-FMD

Lab ID: **9350021006** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-MIS-05** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 23:22	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 23:22	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 23:22	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 23:22	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 23:22	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 23:22	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 23:22	MBC	

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ANALYTICAL RESULTS

Workorder: 9350021 187835-FMD

Lab ID: **9350021007** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-MIS-06** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 23:53	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 23:53	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 23:53	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 23:53	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 23:53	MBC	
Aroclor 1254	5.37	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 23:53	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/18/2009 23:53	MBC	

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ANALYTICAL RESULTS

Workorder: 9350021 187835-FMD

Lab ID: **9350021008** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-MIS-07** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082	Preparation Method: SW-846 3550B (PCB) Analytical Method: SW-846 8082								
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/19/2009 00:23	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/19/2009 00:23	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/19/2009 00:23	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/19/2009 00:23	MBC	
Aroclor 1248	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/19/2009 00:23	MBC	
Aroclor 1254	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/19/2009 00:23	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/19/2009 00:23	MBC	

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ANALYTICAL RESULTS

Workorder: 9350021 187835-FMD

Lab ID: **9350021009** Date Received: 12/16/2009 12:50 Matrix: Bulk
Sample ID: **219-MIS-08** Date Collected: 12/14/2009 00:00 Samp Type: NA

Parameters	Results	Units	Report Limit	DF	Prepared	By	Analyzed	By	Qual
Polychlorinated Biphenyls(PCB)									
Analysis Desc: SW-846 8082			Preparation Method: SW-846 3550B (PCB)						
			Analytical Method: SW-846 8082						
Aroclor 1016	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/19/2009 00:54	MBC	
Aroclor 1221	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/19/2009 00:54	MBC	
Aroclor 1232	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/19/2009 00:54	MBC	
Aroclor 1242	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/19/2009 00:54	MBC	
Aroclor 1248	2.00	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/19/2009 00:54	MBC	
Aroclor 1254	1.21	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/19/2009 00:54	MBC	
Aroclor 1260	<0.500	mg/Kg	0.500	1	12/17/2009 16:11	NT	12/19/2009 00:54	MBC	

FARMLAND – PCB PLAN – APPENDIX 3

PCB Sampling Survey – Outside Window Frame Caulk (Farmland Elementary School)

PCB SAMPLING SURVEY
OUTSIDE WINDOW FRAME CAULK

Farmland Elementary School
Rockville, Maryland

February 2010

1.0 INTRODUCTION

At the request of Environmental Services/IAQ of the Montgomery County Public Schools (MCPS) Division of Maintenance, Science Applications International Corporation (SAIC) conducted a survey of polychlorinated biphenyls (PCBs) in the caulk surrounding the outside window frames at Farmland Elementary School (ES) in Rockville, Maryland. This survey was conducted in response to a September 2009 Environmental Protection Agency (EPA) guidance document regarding PCBs in caulk of buildings constructed or renovated between 1950 and 1978. MCPS needed the information on the presence of PCBs in these facilities to plan for a safe and proper removal and disposal of PCB-containing materials during building demolition.

2.0 SAMPLING PROTOCOL

A total of 63 window frames are present at Farmland ES with 31 window frames on the first floor and 32 window frames on the second floor. Using statistical analysis, the caulking on the exterior of 11 window frames (8 on the first floor and 3 on the second floor) were randomly selected for analysis on 14 December 2009. These samples were designated as 219-WDF-01 to -11. Based on the sample results shown in Table 1, sample 219-WDF-09 contains 443 ppm of Aroclor 1254. Instead of assuming all window frame caulk as a PCB bulk product waste based on this single sample result, the remaining 52 not yet sampled window frames were sampled to determine exactly which frames must also be managed as PCB-contaminated construction materials. The remaining 23 window frames on the first floor were sampled on 1 February 2010 (219-FOW-01 to -23) and the remaining 29 window frames on the second floor were sampled on 4 February 2010 (219-FOW-24 to -52). The location of the first floor samples are shown in Figure 1 while the second floor samples are shown in Figure 2.

3.0 RESULTS AND DISCUSSION

A chisel and hammer were used to extract the caulk sample from the outside window frame. It is impossible to determine which part of the caulk around a window frame is the original or patched or repaired material. Therefore, the sample was collected usually from a convenient spot where the caulk appeared to have been present for a long time. A teaspoonful of bulk caulking material was collected from each sampling site and placed in a small plastic vial and sealed and labeled with a unique identification number. The samples were sent to Analytics Laboratory in Ashland, Virginia for analysis of PCBs. Analytics Laboratory is an American Industrial Hygiene Association (AIHA) accredited laboratory. The laboratory used EPA Method

SW-846 3550B for PCB extraction and Method SW-846 8082 for analysis of seven types of PCBs including Aroclor 1016, 1221, 1232, 1242, 1248, 1254, and 1260. The concentration of each PCB is reported in milligram per kilogram (mg/Kg), which is equivalent to parts per million (ppm). The analytical method had a nominal detection limit of 0.5 ppm and the EPA criterion for a PCB bulk product waste under the Toxic Substance Control Act (TSCA) is 50 ppm. Sampling and analysis results for each of the samples are summarized in Table 1 and the laboratory reports are included in Appendix A.

As shown in Table 1, eight of the frames had detectable PCBs at concentrations ranging from 1.45 ppm (at Frame 10) to 443 ppm (at Frame 57). Frame 48 (219-FOW-40) is directly above Frame 20 (219-FOW-14) and has similar PCB detections of 2.42 ppm and 2.12 ppm, respectively. However, Frame 21 (3.52 ppm), Frame 24 (37 ppm), Frame 36 (2.64 ppm), and Frame 57 (443 ppm) have corresponding window frame caulk (from above or below) with nondetectable levels of PCBs.

4. CONCLUSIONS

As shown in Table 1, Frame 57 (Room 23, second floor) was the only window frame with greater than 50 ppm of PCBs. Therefore, this is the only frame which must be managed as PCB bulk product wastes as defined by TSCA.

In addition, the construction contractor proposes to reuse Frame 10 (outside the first floor office) in the new building construction. Because the caulk only contains 1.45 ppm of PCBs, the window frame may be reused in the new building construction (after the old caulk is scraped off and disposed of properly).

Prepared by:

Ching K. Chen, PhD, PE, CIH
Senior Manager
Science Applications International Corporation
12100 Sunset Hills Road
Reston, Virginia 20190

February 17, 2010

Table 1. Outside Window Frame Caulk Sampling Results

Floor	Frame	Room	Sample Date	Sample Number	Sampling Result
1	Frame 1	Room 2	1 February 2010	219-FOW-05	**1.45 ppm Arochlor 1254**
1	Frame 2	Room 2	1 February 2010	219-FOW-04	< 0.5 ppm PCBs
1	Frame 3	Room 4	1 February 2010	219-FOW-03	< 0.5 ppm PCBs
1	Frame 4	Room 4	*14 December 2009*	*219-WDF-07*	< 0.5 ppm PCBs
1	Frame 5	Room 6	*14 December 2009*	*219-WDF-06*	< 0.5 ppm PCBs
1	Frame 6	Room 6	1 February 2010	219-FOW-02	< 0.5 ppm PCBs
1	Frame 7	Room 8	*14 December 2009*	*219-WDF-05*	< 0.5 ppm PCBs
1	Frame 8	Room 8	*14 December 2009*	*219-WDF-04*	< 0.5 ppm PCBs
1	Frame 9	Office	1 February 2010	219-FOW-06	< 0.5 ppm PCBs
1	Frame 10	Office	1 February 2010	219-FOW-01	< 0.5 ppm PCBs
1	Frame 11	All Purpose Room	*14 December 2009*	*219-WDF-11*	< 0.5 ppm PCBs
1	Frame 12	Kitchen	1 February 2010	219-FOW-07	< 0.5 ppm PCBs
1	Frame 13	Kitchen	1 February 2010	219-FOW-08	< 0.5 ppm PCBs
1	Frame 14	Kitchen	1 February 2010	219-FOW-09	**2.12 ppm Arochlor 1254**
1	Frame 15	Boiler Room	1 February 2010	219-FOW-10	< 0.5 ppm PCBs
1	Frame 16	Boiler Room	1 February 2010	219-FOW-11	< 0.5 ppm PCBs
1	Frame 17	Classroom	1 February 2010	219-FOW-12	< 0.5 ppm PCBs
1	Frame 18	Classroom	*14 December 2009*	*219-WDF-01*	< 0.5 ppm PCBs
1	Frame 19	Classroom	1 February 2010	219-FOW-13	< 0.5 ppm PCBs
1	Frame 20	Room 11	1 February 2010	219-FOW-14	< 0.5 ppm PCBs
1	Frame 21	Room 11	*14 December 2009*	*219-WDF-02*	**3.52 ppm Arochlor 1248**
1	Frame 22	Room 9	1 February 2010	219-FOW-15	< 0.5 ppm PCBs
1	Frame 23	Room 9	1 February 2010	219-FOW-16	< 0.5 ppm PCBs
1	Frame 24	Room 7	*14 December 2009*	*219-WDF-03*	**37 ppm Arochlor 1248**
1	Frame 25	Room 7	1 February 2010	219-FOW-17	< 0.5 ppm PCBs
1	Frame 26	Room 5	1 February 2010	219-FOW-18	< 0.5 ppm PCBs
1	Frame 27	Room 5	1 February 2010	219-FOW-19	< 0.5 ppm PCBs
1	Frame 28	Room 3	1 February 2010	219-FOW-20	< 0.5 ppm PCBs
1	Frame 29	Room 3	1 February 2010	219-FOW-21	< 0.5 ppm PCBs
1	Frame 30	Room 1	1 February 2010	219-FOW-22	< 0.5 ppm PCBs
1	Frame 31	Room 1	1 February 2010	219-FOW-23	< 0.5 ppm PCBs
2	Frame 31A	Room 20	4 February 2010	219-FOW-24	< 0.5 ppm PCBs
2	Frame 32	Room 20	4 February 2010	219-FOW-25	< 0.5 ppm PCBs
2	Frame 33	Room 22	4 February 2010	219-FOW-26	< 0.5 ppm PCBs

Floor	Frame	Room	Sample Date	Sample Number	Sampling Result
2	Frame 34	Room 22	4 February 2010	219-FOW-27	< 0.5 ppm PCBs
2	Frame 35	Room 24	4 February 2010	219-FOW-28	< 0.5 ppm PCBs
2	Frame 36	Room 24	*14 December 2009*	*219-WDF-10*	**2.64 ppm Arochlor 1254**
2	Frame 37	Room 26	4 February 2010	219-FOW-29	< 0.5 ppm PCBs
2	Frame 38	Room 26	4 February 2010	219-FOW-30	< 0.5 ppm PCBs
2	Frame 39	Room 28	4 February 2010	219-FOW-31	< 0.5 ppm PCBs
2	Frame 40	Room 28	4 February 2010	219-FOW-32	**2.42 ppm Arochlor 1254**
2	Frame 41	Room 30	4 February 2010	219-FOW-33	< 0.5 ppm PCBs
2	Frame 42	Room 30	4 February 2010	219-FOW-34	< 0.5 ppm PCBs
2	Frame 43	Bathroom	4 February 2010	219-FOW-35	< 0.5 ppm PCBs
2	Frame 44	Bathroom	4 February 2010	219-FOW-36	< 0.5 ppm PCBs
2	Frame 45	Bathroom	4 February 2010	219-FOW-37	< 0.5 ppm PCBs
2	Frame 46	Bathroom	4 February 2010	219-FOW-38	< 0.5 ppm PCBs
2	Frame 47	Bathroom	4 February 2010	219-FOW-39	< 0.5 ppm PCBs
2	Frame 48	Room 31	4 February 2010	219-FOW-40	< 0.5 ppm PCBs
2	Frame 49	Room 31	4 February 2010	219-FOW-41	< 0.5 ppm PCBs
2	Frame 50	Room 29	4 February 2010	219-FOW-42	**1.20 ppm Arochlor 1254**
2	Frame 51	Room 29	4 February 2010	219-FOW-43	< 0.5 ppm PCBs
2	Frame 52	Room 27	4 February 2010	219-FOW-44	< 0.5 ppm PCBs
2	Frame 53	Room 27	4 February 2010	219-FOW-45	< 0.5 ppm PCBs
2	Frame 54	Room 25	4 February 2010	219-FOW-46	< 0.5 ppm PCBs
2	Frame 55	Room 25	4 February 2010	219-FOW-47	< 0.5 ppm PCBs
2	Frame 56	Room 23	*14 December 2009*	*219-WDF-08*	< 0.5 ppm PCBs
2	Frame 57	Room 23	*14 December 2009*	*219-WDF-09*	**443 ppm Arochlor 1254**
2	Frame 58	Room 21	4 February 2010	219-FOW-48	< 0.5 ppm PCBs
2	Frame 59	Room 21	4 February 2010	219-FOW-49	< 0.5 ppm PCBs
2	Frame 60	Hallway	4 February 2010	219-FOW-50	< 0.5 ppm PCBs
2	Frame 61	Hallway	4 February 2010	219-FOW-51	< 0.5 ppm PCBs
2	Frame 62	Hallway	4 February 2010	219-FOW-52	< 0.5 ppm PCBs

Note: Italicized sampling dates and sample numbers indicate the initial random sampling round.

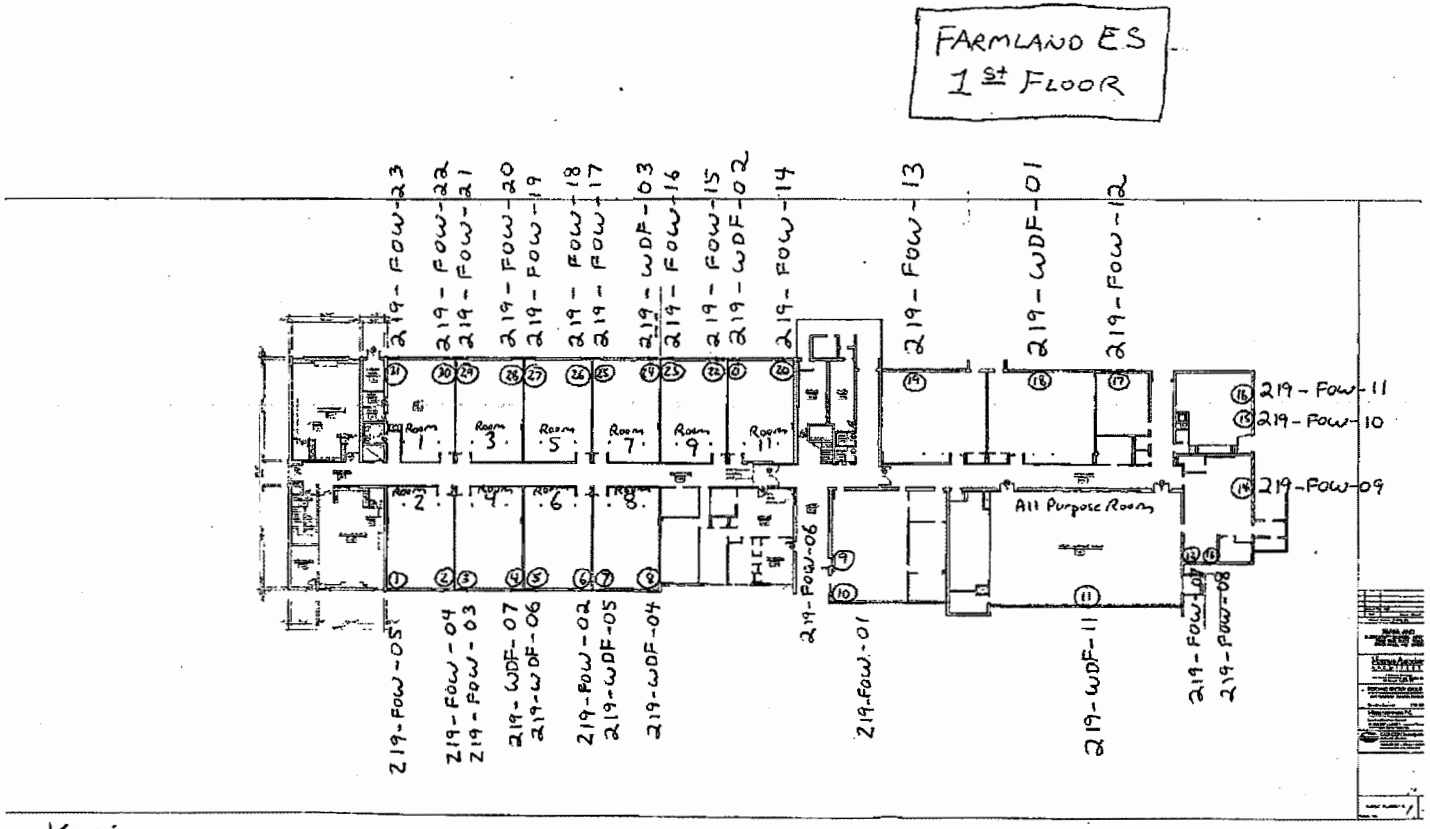
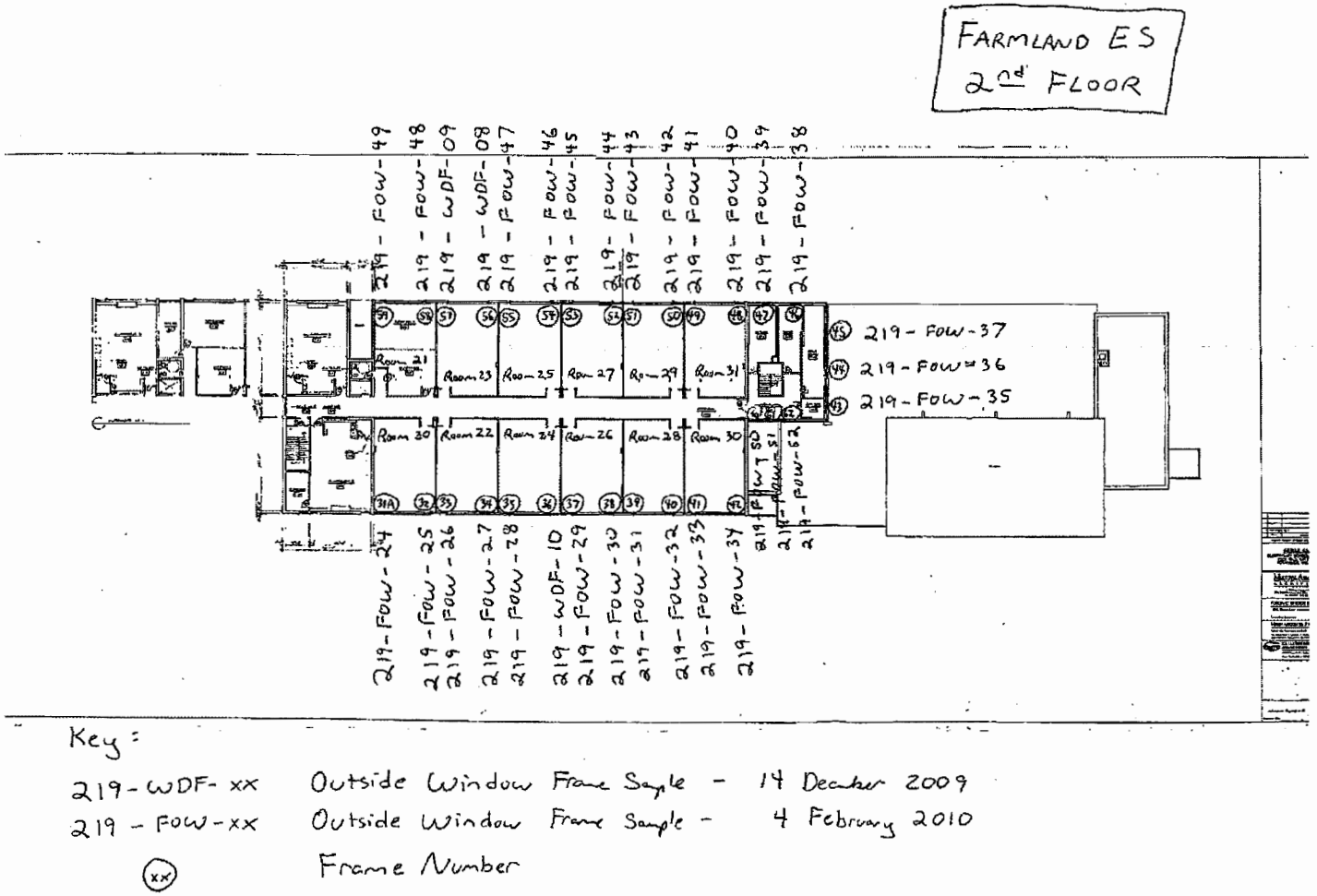


Figure 1. Location of Sampling Points at Farmland Elementary School (First Floor)



Key:

219-WDF-xx Outside Window Frame Sample - 14 December 2009

219-FOW-xx Outside Window Frame Sample - 4 February 2010

(xx) Frame Number

Figure 2. Location of Sampling Points at Farmland Elementary School (Second Floor)

APPENDIX A

Laboratory Sampling Reports