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Jim F. Hartnett
GM Remediation Team
1 General Motors Drive, Suite 2
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Subject:

Summary of Purpose, Scope, Methods and Results
Building Material Sampling, GM Massena Metal Castings Plant
February - April 2009

Date:
July 9, 2009

Contact:
Raymond Kapp

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Dear Mr. Hartnett:

To support development of a strategy for decommissioning of the General Motors Corporation (GM) Massena Metal Castings Plant located in Massena, New York (the Site), ARCADIS conducted representative sampling of building materials in May 2008 and February through April 2009. The sampling work performed in 2008 included a broad spectrum of building materials and analytes, including asbestos, for initial determination of general decontamination and abatement requirements and potential demolition waste classification. The sampling performed in 2009 and discussed in this letter focused on the characterization and distribution of polychlorinated biphenyls (PCBs) that had been identified in various building materials. Data from the 2008 sampling effort, including sample location figures, were previously provided to GM under separate cover. This letter includes the following enclosures:

- Table 1 comparing total PCBs in concrete floor cores with total PCBs in floor surface wipes
- Table 2 comparing total PCBs in paint samples from overhead steel with total PCBs in painted steel surface wipe samples
- Figures 1 and 2, illustrating approximate areas where wipe sample results for floors and overhead painted steel, respectively, meet or fail to meet continued use standards under TSCA, as well as the sample locations supporting those illustrations.
- Figures 3 and 4 displaying sample locations for the 2009 sampling effort within utility tunnels and on the roof

- Attachment A, containing summary tables of all PCB results from May 2008 through April 2009 organized by sample category

A summary of the purpose, scope, methods and results of the 2009 sampling events follow.

Purpose

The purpose of this work was to collect and analyze representative samples of building materials to support evaluation of decontamination and waste management requirements for post-manufacturing facility management options:

- Shutdown and temporary hold (until decommissioning option selected and implemented)
- Decommission for re-use
- Decommission and demolish

Scope of Work

Samples were collected from the following materials and analyzed for PCBs:

Concrete and Masonry (main facility floor and walls)

- Pulverized concrete core samples of the main building floor slab at the following depths (first floor):
    - Surface: 0-0.4 inch (0-1 cm)
    - Shallow: 0-3 inch
    - Full thickness: 0-10 inch (sample depths range 8-10 inches)
- Pulverized core samples of masonry walls (concrete block and brick construction) and solid concrete walls at the following depths (first floor):
    - Interior side (approximately 0-4 inches)

- Wipe samples of epoxy coated and unpainted concrete floors (100 sq cm), some co-located with pulverized concrete core samples (first floor)

- Wipe samples of painted masonry wall (100 sq cm), some collocated with masonry core samples.

- Pulverized concrete core samples of ceiling panels (interior side of roof decking, first floor)

    - Interior side (approximately 0-3 inches)

- Pulverized sub-samples of concrete from solid cores through floors (main floor and buried pits)

    - Select intervals from each core, based on staining where visible or arbitrary distribution of subsamples (intervals ranging from 1 to 4 inches in thickness)

Painted Steel

- Paint samples (chip samples) scraped from overhead structural steel (columns, trusses, and corrugated roof decking/ceilings)

- Wipe samples of painted steel, co-located with paint scrapes (100 sq cm)

Residue on Non-Porous Surfaces

- Bulk residue scraped from overhead surfaces (grease on rails and oily residue on trusses, conduits and pipes)

- Wipe samples of unpainted trays, conduit and pipe

Utility Tunnels (concrete corridors beneath main floor in former large and small die cast process equipment areas)

- Pulverized concrete core samples of tunnel floors at the following depths:

    - Surface: 0-0.4 inch (0-1 cm)

  - Full thickness: 0-10 inch maximum (sample depths range 6-10 inches)

- Pulverized concrete core samples of tunnel walls at the following depths:
  - Surface: 0-0.4 inch (0-1 cm)
  - Full thickness: 0-8 inch maximum (sample depths range 4 to 8 inches)
- Pulverized sub-samples of concrete from solid cores through tunnel floors
  - Select intervals from each core, based on staining where visible (intervals ranging from 1 to 2 inches in thickness)
- Surface sediment/debris located in limited areas of the tunnels

Roof Penthouse and Substation Slabs:

- Pulverized concrete core samples of floors or pads (0-3 inches)
- Wipe samples of epoxy coated or sealed concrete floors or pads

Roofing:

- Full depth samples of built-up roofing materials (tar surface to decking)

Sample Collection Methods:

Samples were collected in accordance with project-specific standard operating procedures (SOPs) for collection of building material samples for PCB analysis. In summary, the following methods were used for sampling:

- Sampling tools (scrapers, scoops, and drill bits) were pre-cleaned/decontaminated with Alconox and water.
- Painted steel was prepared for bulk sampling by a light scrubbing of the surface with Alconox and water followed by a de-ionized water rinse to remove surface grime prior to sampling with a paint scraper, to minimize entrainment of surface contamination, if any, in the paint samples.

- Wipe samples of painted steel, epoxy coated floor and non-porous metal surfaces were collected with hexane soaked gauze pads wiped over 10 cm X 10 cm areas. Wipe samples from painted steel surfaces were taken adjacent to paint chip sample locations, without any pre-sampling surface preparation. Wipe samples of floors in the production areas were taken on epoxy coated surfaces, some of which were co-located with concrete samples. Because the epoxy coated floor are periodically cleaned with water by plant janitorial staff, all floor sample locations were pre-rinsed for consistent removal of surface dust and grime and dried prior to wipe sampling. Other wipe samples of unpainted nonporous surfaces were taken without prior surface preparation.

- Pulverized concrete core samples were obtained with a rotary hammer bit, advanced through a disposable paper template which collected the pulverized cuttings.

- Vertical penetration of PCBs within concrete slabs was evaluated in representative samples from the first floor slab, tunnel floors, and on the floors of three former die cast pits through the collection of sectioned cores. Solid concrete core samples were obtained with a wet diamond core bit advanced into floor slabs (to near penetration), and sub-sampled with a rotary hammer bit to provide pulverized samples for each desired depth interval

- A sonic drilling system was used to drill and retrieve concrete cores from the bottom of buried (sand filled) pits. All sonic drilled cores fractured during drilling and recovery. Fractured core sections were placed in separate containers, labeled by location and depth interval, and crushed at the analytical laboratory for analysis.

- Roofing material samples were collected with a stainless steel knife.

- Samples were preserved on ice (4^{o}C) and shipped overnight to Merit Laboratories, Inc. (Merit) under chain of custody protocol, for analysis in accordance with USEPA SW-846 procedures.

Summary of Results:

Tables

Results of all PCB analyses on building material samples collected during May 2008 and between February and April 2009 are summarized in Attachment A. From these results, Tables 1 and 2 were prepared to compare PCB data from concrete floor core samples and painted steel paint chip samples with wipe sample data for the same surfaces. Table 1 presents a comparison of total PCBs in wipe samples and pulverized concrete core samples from concrete floors (first floor). Table 2 presents a comparison of total PCBs in wipe sample and paint chip samples from overhead painted structural steel. These comparisons were used to prepare Figures 1 and 2, respectively, as described below.

Results of the sectioned core samples, provided in Attachment A, Table A-18 (buried pit slabs) and Table A-33 (tunnel slab), are characterized in the Discussion, below.

Figures

Building material sample locations included in the 2009 assessment are shown on Figures 1 through 4.

Figure 1 provides a graphic illustration of areas where analytical results indicate the USEPA criterion for high occupancy work areas is currently met on the main floor slab, based on PCB concentration that meet high occupancy criteria in concrete samples or in wipe samples. All concrete floor sampling locations for PCBs included in the 2008 and 2009 efforts are shown on this illustration. Miscellaneous wipe samples from non-porous surfaces (floor drains) are excluded from this comparison. The former large die cast and small die cast equipment areas (shown on Figure 1) represent the highest density of sampling. Based on the initial findings of the February 2009 pulverized concrete core sampling of the main floor slab, wipe sampling was conducted on epoxy-coated and unpainted concrete floors that exhibited PCBs > 1 mg/kg in the surficial or deeper core samples. No wipe sampling of floors was needed in the administration wing based on the February 2009 results.

Much of the concrete within the main manufacturing areas is coated with epoxy paint. The approximate extent of unpainted concrete areas (no epoxy coating was applied) are outlined on Figure 1.

Figure 1 illustrates the extent of first floor areas that currently meet or exceed TSCA high occupancy criteria of ≤1 mg/kg within the concrete or ≤10 ug/100 cm^2 on the surface of the floor. Epoxy coated and unpainted floors are included. Areas identified on Figure 1 are as follows:

- Concrete floor of the main facility containing PCBs ≤1 mg/kg in bulk samples
- Concrete floor of the main facility containing PCBs >1 mg/kg in bulk samples and ≤10 ug/100 cm^2 in wipe samples
- Concrete floor of the main facility containing PCBs >1 mg/kg in bulk samples and >10 ug/100 cm^2 in wipe samples

Figure 2 provides a graphic illustration of areas where laboratory analytical results indicate the USEPA criterion for low occupancy work areas is currently met on overhead painted steel trusses and beams, based on PCB concentrations that meet low occupancy criteria in paint chip samples or in wipe samples. All painted steel sampling locations from the 2008 and 2009 efforts are shown in this illustration. Un-painted overhead surfaces (such as overhead vents, drip trays and crane rails) were sampled but are excluded from this comparison because it is assumed any PCB contamination on these non-porous surfaces has been or will be decontaminated to bare surface rather than managed by encapsulation.

It is assumed that painted surfaces of overhead steel represent a low-occupancy exposure potential, because these surfaces are intact and would only be contacted during routine maintenance and facility repairs, should the facility be maintained during an idling period and returned to production in the future. Co-located wipe samples were collected with all paint samples.

Figure 2 illustrates the extent of areas that currently meet and exceed TSCA low occupancy criteria of ≤25 mg/kg within the paint or ≤100 ug/100 cm^2 on the surface of the painted steel. Areas are identified on Figure 2 as follows:

- Overhead steel with paint containing PCBs ≤ 25 mg/kg in bulk samples and ≤100 ug/100 cm^2 in wipe samples
- Overhead steel with paint containing PCBs > 25 mg/kg in bulk samples and ≤100 ug/100 cm^2 in wipe samples

- Overhead steel with paint containing PCBs > 25 mg/kg in bulk samples and >100 ug/100 cm^2 in wipe samples

Figures 3 and 4 were prepared to show the locations of the 2008 and 2009 samples collected in utility tunnels and on the roof, respectively.

Figure 3 shows the locations of concrete core, sediment and debris samples collected from the floors and walls of utility tunnels beneath the historic large die cast and small die cast production areas during 2008 and 2009. These tunnels were formerly used to convey former industrial and oily waste return lines, which are believed by GM to have historically impacted these concrete corridors beneath the first floor. These tunnels had been power washed after the utility lines were removed. However, since no encapsulation was performed, wipe samples of the cleaned surfaces were not collected since these surfaces remain porous and in many locations contain PCBs greater than the TSCA low occupancy criterion of 25 mg/kg.

Figure 4 shows the locations of samples collected from the roof of the main facility during 2008 and 2009. Samples include built-up roofing, concrete floors within penthouses, and concrete pads from former electrical substations or transformers.

Discussion

The data derived from the building material sampling in May 2008 and February through April 2009 were used to assess the potential areas of the Site requiring further evaluation and planning, should a re-use option be exercised. Key observations are as follows:

- **Concrete Floor in Manufacturing Space:** Figure 1 indicates that much of the main floor effectively meets re-use criteria for high occupancy (10 ug/100 cm^2). Damaged or worn epoxy coatings may account for the extent of the area where wipe samples do not meet high occupancy criteria (shaded in orange on Figure 1). Floor surfaces encompassed within the orange area would require additional evaluation and delineation to develop a plan for decontamination. This evaluation could be performed after equipment is removed from the facility, and should include other areas that may exhibit evidence of damaged coatings

- **Painted Steel:** Figures 2 indicates that most of the painted steel effectively meets re-use criteria for low occupancy. The orange shaded area on Figure 2 is based on only two samples exceeding 100 ug/100 cm^2. On vertical columns sampled at lower elevations (approximately 10 feet from the floor, carrying "TRS" in the sample identifications on Table 2), the wipe samples meet high occupancy criteria (inside and outside the orange area). This observation suggests that the contact concern is high overhead on horizontal painted surfaces within the former small die cast equipment area. It appears that dust, residual oil or decomposing paint on the higher horizontal surfaces (typically over 20 ft from the floor) within the orange area would need to be addressed. Overhead steel encompassed within the orange area would require additional evaluation and delineation to develop a plan for decontamination.

- **Unpainted Steel:** Samples from unpainted overhead steel (non-porous surfaces) consisted of residuals with enough buildup for a solid sample. Where PCB contamination is evident in these samples, additional evaluation and delineation would be required to develop a plan for decontamination.

- **Roof Area:** Samples of the roofing materials and the concrete pads on the roof, which include substations and penthouse floors, do not indicate the need for any action to facilitate facility re-use.

- **Buried Pits:** Six solid cores were obtained from the bottom slabs within buried (sand filled) pits in the former large die cast equipment area. The drilling method cased off the fill and yielded slab cores already fractured, as a consequence of sonic vibration, into 3 to 5 sections within a core sleeve maintaining the original vertical orientation. Only one core exhibited PCBs ≥50 mg/kg, with concentrations decreasing from 210 mg/kg in the 0-3 inch interval to 27 mg/kg in the bottom 7-9 inch interval. PCBs were not detected in three cores, and two cores contained <10 mg/kg with no PCBs detected in the bottom intervals. These pit bottoms are approximately 6 feet below the main floor, under sand and floor slab, with no access. These pit slabs would require no action for facility re-use.

- **Tunnels:** Concrete surfaces, including floors and walls, throughout much of the utility tunnel system do not meet any criteria for occupancy based on pulverized surface core samples. In addition, solid core samples of the tunnel floor slab were obtained from six locations, including some with the

highest surface PCB concentrations. Cores were examined for visible depth of oil penetration and sub-sampled at select depth intervals, with intervals separated between stained and unstained concrete where possible. Because full penetration was not attempted, maximum depth of core recovery ranged from 4 to 6 inches (out of an expected 8-10 inch slab thickness). All three cores from the tunnels associated with the former large die cast area indicated reduction in concentration to a non-detect condition within 5 inches. The thee tunnel cores associated with the former small die cast area indicated a reduction in PCB concentrations with depth, but concentrations still exceed 50 mg/kg at 2-4 and 3-5 inches below the surface in two of these locations. One core exhibited significant PCB concentration reduction from 10,000 mg/kg at 0-1.5 inches to 8 mg/kg at 4-6 inches. Additional evaluation of options for decontamination or isolation of these tunnels would be needed for consideration of facility re-use. The tunnel slabs should be maintained or otherwise protected to preserve their structural integrity until final disposition.

In the event that demolition is the selected facility management option, these results can be used to determine appropriate waste classification standards to support management and segregation of wastes that would be regulated and non-regulated under TSCA.

If you should have any questions regarding this information, please do not hesitate to contact us.

Sincerely,

ARCADIS

Raymond M. Kapp
Principal Scientist

Copies:
K. Gembel
W. White

TABLES

TABLE 1
FIRST FLOOR SLAB
COMPARISON OF TOTAL PCB RESULTS
CONCRETE CORE AND FLOOR WIPE SAMPLES

GENERAL MOTORS CORPORATION
MASSENA METAL CASTINGS PLANT
MASSENA, NEW YORK

Bulk Sample Location ID:	Depth (Inches)	Date Collected	Total PCBs mg/kg	Wipe Sample Location ID:	Date Collected	Total PCBs ug/100cm^2	Date Constructed
Screening Level			1	Screening Level		10	
Historical Large Die Cast Equipment Area							
MAS-N29-CC	0 - 0.4	2/24/2009	0.5				1969
				MAS-N11-SW-FLR	4/21/2009	1	1969
				MAS-N21-SW-FLR	4/21/2009	3.3	1969
				MAS-N27-SW-FLR	4/21/2009	3	1969
MAS-M23-CC	0 - 0.4	2/24/2009	<0.33				1969
				MAS-M7-SW-FLR	4/21/2009	<1	1975
MAS-L5-CC	0 - 0.4	2/24/2009	<0.33				1969
				MAS-L17-SW-FLR	4/21/2009	1.5	1969
MAS-L19-CC	0 - 0.4	2/24/2009	0.5				1969
MAS-L25-CC	0 - 0.4	2/24/2009	**5,000**	MAS-L25-SW-FLR	4/21/2009	8.1	1969
	0 - 10	2/24/2009	**2,100**				
	1 - 2	3/2/2009	**4,000**				
				MAS-L29-SW-FLR	4/21/2009	3.1	1969
				MAS-L33-SW-FLR	4/21/2009	<1	1969
MAS-K15-CC	0 - 0.4	2/24/2009	<0.33				1969
MAS-L1-CC	0 - 0.4	2/26/2009	0.4				1969
MAS-M3-CC	0 - 0.4	2/24/2009	<0.33	MAS-M3-SW-FLR	4/21/2009	1.2	1975
				MAS-N5-SW-FLR	4/21/2009	<1	1975
Historical Small Die Cast Equipment Area							
MAS-C17-CC	0 - 0.4	2/25/2009	**20,000**				1958
	0 - 10	2/25/2009	**250,000**				
				MAS-D15-SW-FLR	4/22/2009	7.8	1958
MAS-D17-CC	0 - 0.4	2/25/2009	**600**	MAS-D17-SW-FLR	4/22/2009	1	1958
	0 - 10	2/25/2009	**1,000**				
MAS-D21-CC	0 - 0.4	2/25/2009	<0.33				1958
MAS-F13-CC	0 - 0.4	2/26/2009	**5,000**	MAS-F13-SW-FLR	4/22/2009	7.2	1958
	0 - 10	2/26/2009	**1,500**				
				MAS-F17-SW-FLR	4/22/2009	7.8	1958
MAS-F21-CC	0 - 0.4	2/24/2009	<0.33				1958
MAS-F25-CC	0 - 0.4	2/25/2009	**2,000**	MAS-F25-SW-FLR	4/22/2009	**12**	1958
	0 - 10	2/25/2009	**350**				
MAS-E17-CC	0 - 0.4	2/25/2009	**14,000**				1958
	0 - 10	2/25/2009	**100,000**				
				MAS-E19-SW-FLR	4/22/2009	**110**	1958
MAS-E23-CC	0 - 0.4	2/25/2009	**1,500**	MAS-E23-SW-FLR	4/22/2009	2.5	1958
	0 - 10	2/25/2009	**400**				
MAS-G27-CC	0 - 0.4	2/24/2009	0.34	MAS-G27-SW-FLR	4/22/2009	<1	1960
				MAS-F27-SW-FLR	4/22/2009	3	1960
MAS-D27-CC	0 - 0.4	2/25/2009	**80**	MAS-D27-SW-FLR	4/22/2009	**32**	1960
	0 - 10	2/25/2009	**4.6**				
MAS-E27-CC	0 - 0.4	2/25/2009	**1,200**	MAS-E27-SW-FLR	4/22/2009	**14**	1960
	0 - 10	2/25/2009	**350**				
Plant Remainder							
MAS-F1-CC	0 - 0.4	2/25/2009	**3.5**	MAS-F1-SW-FLR	4/21/2009	10	1958
				MAS-E5-SW-FLR	4/22/2009	<1	1958
MAS-E9-CC	0 - 0.4	2/25/2009	**900**	MAS-E9-SW-FLR	4/22/2009	1	1958
	0 - 10	2/25/2009	**450**				
MAS-G3-CC	0 - 0.4	2/26/2009	<0.33	MAS-G3-SW-FLR	4/21/2009	1	1958
MAS-J1-CC	0 - 0.4	2/26/2009	<0.33				1958
MAS-F3-CC	0 - 0.4	2/25/2009	**18**	MAS-F3-SW-FLR	4/21/2009	9.9	1958
				MAS-J3-SW-FLR	4/21/2009	<1	1958
MAS-J5-CC	0 - 0.4	2/26/2009	**40**	MAS-J5-SW-FLR	4/21/2009	1.2	1958

TABLE 1
FIRST FLOOR SLAB
COMPARISON OF TOTAL PCB RESULTS
CONCRETE CORE AND FLOOR WIPE SAMPLES

GENERAL MOTORS CORPORATION
MASSENA METAL CASTINGS PLANT
MASSENA, NEW YORK

Bulk Sample Location ID:	Depth (Inches)	Date Collected	Total PCBs mg/kg	Wipe Sample Location ID:	Date Collected	Total PCBs ug/100cm^2	Date Constructed
Screening Level			1	Screening Level		10	
MAS-G15-CC	0 - 0.4	2/24/2009	0.36				1958
				MAS-G21-SW-FLR	4/21/2009	<1	1958
				MAS-H9-SW-FLR	4/21/2009	6	1958
				MAS-H11-SW-FLR	4/21/2009	<1	1958
				MAS-H15-SW-FLR	4/21/2009	9	1958
				MAS-H17-SW-FLR	4/21/2009	4.2	1958
				MAS-H23-SW-FLR	4/21/2009	<1	1958
MAS-G9-CC	0 - 0.4	2/24/2009	**140**				1958
	0 - 10	2/24/2009	**140**				
	1 - 2	3/2/2009	**300**				
				MAS-J11-SW-FLR	4/21/2009	1	1958
MAS-J17-CC	0 - 0.4	2/24/2009	**10**	MAS-J17-SW-FLR	4/21/2009	1.2	1958
MAS-JJ15-CC	0 - 0.4	2/25/2009	<0.33				1958
				MAS-B5-SW-FLR	4/22/2009	2.8	1958
				MAS-J25-SW-FLR	4/21/2009	<1	1958
MAS-B17-CC	0 - 0.4	2/25/2009	0.45				1958
				MAS-B19-SW-FLR	4/23/2009	<1[<1]	1958
MAS-B21-CC	0 - 0.4	2/25/2009	**60**	MAS-B21-SW-FLR	4/23/2009	<1[<1]	1958
	0 - 10	2/25/2009	**60**				
MAS-B23N-CC	0 - 0.4	2/27/2009	**80**	MAS-B23-SW-FLR	4/23/2009	<1[1]	1958
	0 - 4	2/27/2009	**150**				
MAS-B23S-CC	0 - 0.4	2/27/2009	**92**				1958
	0 - 4	2/27/2009	**30**				
MAS-C1-CC	0 - 0.4	2/25/2009	**9**	MAS-C1-SW-FLR	4/22/2009	<1	1958
				MAS-C5-SW-FLR	4/22/2009	<1	1958
MAS-CC7-CC	0 - 0.4	2/26/2009	<0.33				1958
MAS-FF3-CC	0 - 0.4	2/26/2009	<0.33				1958
				MAS-C9-SW-FLR	4/22/2009	1.2	1958
				MAS-C25-SW-FLR	4/23/2009	<1[<1]	1960
				MAS-C27-SW-FLR	4/22/2009	1	1960
				MAS-C29-SW-FLR	4/22/2009	<1	1964
MAS-D31-CC	0 - 0.4	2/24/2009	<0.33				1964
MAS-F31-CC	0 - 0.4	2/24/2009	<0.33				1964
MAS-B29-CC	0 - 0.4	2/24/2009	<0.33				1964
				MAS-H31-SW-FLR	4/21/2009	<1	1964
				MAS-H33-SW-FLR	4/21/2009	3.4	1969
				MAS-L29-SW-FLR	4/21/2009	3.1	1969
				MAS-L33-SW-FLR	4/21/2009	<1	1969
MAS-K33-CC	0 - 0.4	2/24/2009	1				1969
				MAS-K21-SW-FLR	4/21/2009	9.9	1969
MAS-K27-CC	0 - 0.4	2/24/2009	**25**	MAS-K27-SW-FLR	4/21/2009	<1	1969
	0 - 10	2/24/2009	**3**				
	1 - 2	3/2/2009	**16**				
MAS-K9-CC	0 - 0.4	2/24/2009	**400**	MAS-K9-SW-FLR	4/21/2009	1.5	1969
	0 - 10	2/24/2009	**80**				
	1 - 2	3/2/2009	**500**				
MAS-NN1-CC	0 - 0.4	2/25/2009	<0.33				1975
				MAS-H39-SW-FLR	4/21/2009	<1	1978
				MAS-J35-SW-FLR	4/21/2009	<1	1978
MAS-K43-CC	0 - 0.4	2/24/2009	0.4				1978
MAS-M37-CC	0 - 0.4	2/24/2009	<0.33				1978
				MAS-J41-SW-FLR	4/21/2009	<1	1978
				MAS-J45-SW-FLR	4/21/2009	<1	1979
MAS-E45-CC	0 - 0.4	2/26/2009	**24**	MAS-E45-SW-FLR	4/22/2009	<1	1979
	0 - 10	2/26/2009	1				
				MAS-F39-SW-FLR	4/22/2009	<1	1979

TABLE 1
FIRST FLOOR SLAB
COMPARISON OF TOTAL PCB RESULTS
CONCRETE CORE AND FLOOR WIPE SAMPLES

GENERAL MOTORS CORPORATION
MASSENA METAL CASTINGS PLANT
MASSENA, NEW YORK

Bulk Sample Location ID:	Depth (Inches)	Date Collected	Total PCBs mg/kg	Wipe Sample Location ID:	Date Collected	Total PCBs ug/100cm^2	Date Constructed
Screening Level			1	Screening Level		10	
MAS-G37-CC	0 - 0.4	2/24/2009	0.7				1979
				MAS-G39-SW-FLR	4/22/2009	<1	1979
MAS-G41-CC	0 - 0.4	2/24/2009	**4**				1979
MAS-Q35-CC	0 - 0.4	2/24/2009	<0.33				1980
				MAS-P11-SW-FLR	4/21/2009	<1	1980
				MAS-P15-SW-FLR	4/21/2009	<1	1980
				MAS-P23-SW-FLR	4/21/2009	<1	1980
MAS-B53-CC	0 - 0.4	2/24/2009	**1.2**				1981
				MAS-B51-SW-FLR	4/22/2009	<1	1981
				MAS-D49-SW-FLR	4/22/2009	<1	1981

Notes:
[ ] - Indicates duplicate sample result.
All samples (bulk and wipe) were collected by ARCADIS from the first floor concrete slab.
The "Date Constructed" column indicates the year that the area of the plant was constructed.
BOLD - Indicates exceedance of TSCA high occupancy screening level of 1 mg/kg (ppm) for bulk samples or 10µg/100cm^2 for wipe samples.

TABLE 2
OVERHEAD STRUCTURAL STEEL
COMPARISON OF TOTAL PCB RESULTS
PAINT CHIP AND WIPE SAMPLES

GENERAL MOTORS CORPORATION
MASSENA METAL CASTINGS PLANT
MASSENA, NEW YORK

Bulk Sample Location ID:	Date Collected	Total PCBs mg/kg	Wipe Sample Location ID:	Date Collected	Total PCBs ug/100cm^2	Date Constructed
Screening Level		25	Screening Level		100	
Historical Large Die Cast Equipment Area						
MAS-K23-PAINT	2/27/2009	**29**	MAS-K23-SW	2/27/2009	2.5	1969
MAS-K23-Paint(042209)	4/22/2009	17	MAS-K23-SW-TRS	4/22/2009	<1	1969
MAS-L3-PAINT	2/27/2009	14	MAS-L3-SW	2/27/2009	<1	1975
MAS-L7-PAINT	2/27/2009	20	MAS-L7-SW	2/27/2009	<1	1975
MAS-L7-Paint(042209)	4/22/2009	7.5	MAS-L7-SW-TRS	4/22/2009	<1	1975
MAS-L15-PAINT	2/27/2009	<1	MAS-L15-SW	2/27/2009	14	1969
MAS-L25-PAINT	2/27/2009	7	MAS-L25-SW	2/27/2009	1.5	1969
MAS-M5-PAINT	2/27/2009	10	MAS-M5-SW	2/27/2009	1.5	1975
MAS-M11-PAINT	2/27/2009	**50**	MAS-M11-SW	2/27/2009	2.1	1969
MAS-M21-PAINT	2/27/2009	15	MAS-M21-SW	2/27/2009	2.4	1969
MAS-M27-PAINT	2/27/2009	<1	MAS-M27-SW	2/27/2009	<1	1969
MAS-M27-Paint(042209)	4/22/2009	2.6	MAS-M27-SW-TRS	4/22/2009	<1	1969
MAS-N11-PAINT	2/27/2009	**33**	MAS-N11-SW	2/27/2009	<1	1980
MAS-N15-PAINT	2/27/2009	25	MAS-N15-SW	2/27/2009	<1	1980
MAS-N15-Paint(042209)	4/22/2009	11.4	MAS-N15-SW-TRS	4/22/2009	<1	1980
MAS-N21-PAINT	2/27/2009	13	MAS-N21-SW	2/27/2009	<1	1980
Historical Small Die Cast Equipment Area						
MAS-C15-PAINT	2/26/2009	**640**	MAS-C15-SW	2/26/2009	15	1958
MAS-C15-Paint(042209)	4/22/2009	**200**	MAS-C15-SW-TRS	4/22/2009	<1	1958
MAS-C19-PAINT	2/26/2009	**400**	MAS-C19-SW	2/26/2009	**350**	1958
			MAS-C19-SW-TRS A	4/23/2009	7	1958
			MAS-C19-SW-TRS B	4/23/2009	5.5	1958
			MAS-C19-SW-TRS C	4/23/2009	7	1958
			MAS-C19-SW-TRS D	4/23/2009	4	1958
MAS-C23-PAINT	2/26/2009	**120**	MAS-C23-SW	2/26/2009	43	1958
MAS-C23-Paint(042209)	4/22/2009	**650**	MAS-C23-SW-TRS	4/22/2009	<1	1958
MAS-C27-PAINT	2/26/2009	**27**	MAS-C27-SW	2/26/2009	7	1964
MAS-C27-Paint(042209)	4/22/2009	**27**	MAS-C27-SW-TRS	4/22/2009	<1	1964
MAS-D13-PAINT	2/26/2009	**120**	MAS-D13-SW	2/26/2009	2	1958
MAS-D17-PAINT	2/26/2009	**100**	MAS-D17-SW	2/26/2009	12	1958
MAS-D21-PAINT	2/26/2009	**600**	MAS-D21-SW	2/26/2009	6	1958
			MAS-D21-SW-TRS A	4/23/2009	3	1958
			MAS-D21-SW-TRS B	4/23/2009	<1	1958
			MAS-D21-SW-TRS C	4/23/2009	<1	1958
			MAS-D21-SW-TRS D	4/23/2009	4	1958
MAS-D25-PAINT	2/26/2009	**50**	MAS-D25-SW	2/26/2009	10	1960
MAS-E15-PAINT	2/26/2009	**300**	MAS-E15-SW	2/26/2009	40	1958
MAS-E15-Paint(042209)	4/22/2009	**111**	MAS-E15-SW-TRS	4/22/2009	<1	1958
MAS-E19-PAINT	2/26/2009	**350**	MAS-E19-SW	2/26/2009	<1	1958
MAS-E23-PAINT	2/26/2009	**1,000**	MAS-E23-SW	2/26/2009	**250**	1958
			MAS-E23-SW-TRS A	4/23/2009	3	1958
			MAS-E23-SW-TRS B	4/23/2009	1.5	1958
			MAS-E23-SW-TRS C	4/23/2009	<1	1958
			MAS-E23-SW-TRS D	4/23/2009	5	1958
MAS-E27-PAINT	2/26/2009	**30**	MAS-E27-SW	2/26/2009	7	1964
MAS-E27-Paint(042209)	4/22/2009	**50**	MAS-E27-SW-TRS	4/22/2009	<1	1964
MAS-E29-PAINT	2/26/2009	**30**	MAS-E29-SW	2/26/2009	4	1964
MAS-F13-PAINT	2/26/2009	**200**	MAS-F13-SW	2/26/2009	6	1958
MAS-F17-PAINT	2/26/2009	**47**	MAS-F17-SW	2/26/2009	40	1958
MAS-F21-PAINT	2/26/2009	**60**	MAS-F21-SW	2/26/2009	80	1958
MAS-F25-PAINT	2/26/2009	**60**	MAS-F25-SW	2/26/2009	5	1960
MAS-G17-PAINT	2/27/2009	**80**	MAS-G17-SW	2/27/2009	15	1958
MAS-G21-Paint(042209)	4/22/2009	**227**	MAS-G21-SW-TRS	4/22/2009	1.2	1958
MAS-G23-PAINT	2/27/2009	**300**	MAS-G23-SW	2/27/2009	3	1958

TABLE 2
OVERHEAD STRUCTURAL STEEL
COMPARISON OF TOTAL PCB RESULTS
PAINT CHIP AND WIPE SAMPLES

GENERAL MOTORS CORPORATION
MASSENA METAL CASTINGS PLANT
MASSENA, NEW YORK

Bulk Sample Location ID:	Date Collected	Total PCBs mg/kg	Wipe Sample Location ID:	Date Collected	Total PCBs ug/100cm^2	Date Constructed
Screening Level		25	Screening Level		100	
Plant Remainder						
			MAS-B19-SW	3/2/2009	7	1958
MAS-B49-Paint	3/2/2009	<1	MAS-B49-SW	3/2/2009	<1	1981
MAS-C7-PAINT	2/26/2009	**7,000**	MAS-C7-SW	2/26/2009	15	1958
MAS-C11-PAINT	2/26/2009	**280**	MAS-C11-SW	2/26/2009	90	1958
MAS-90DAY-Paint	3/2/2009	1.2	MAS-90DAY-SW	3/2/2009	<1	
MAS-C31-PAINT	2/26/2009	**30**	MAS-C31-SW	2/26/2009	4	1977
MAS-C35-PAINT	2/26/2009	5	MAS-C35-SW	2/26/2009	5	1980
MAS-C39-Paint	3/2/2009	4	MAS-C39-SW	3/2/2009	<1	1980
MAS-C43-Paint	3/2/2009	1.6	MAS-C43-SW	3/2/2009	<1	1980
MAS-C47-Paint	3/2/2009	<1	MAS-C47-SW	3/2/2009	<1	1981
MAS-D45-Paint	3/2/2009	5	MAS-D45-SW	3/2/2009	2.5	1980
MAS-D49-Paint	3/2/2009	<1	MAS-D49-SW	3/2/2009	<1	1981
MAS-D49-Paint(042209)	4/22/2009	<1	MAS-D49-SW-TRS	4/22/2009	<1	1981
MAS-E5-PAINT	2/26/2009	**200**	MAS-E5-SW	2/26/2009	10	1958
MAS-E9-PAINT	2/26/2009	**140**	MAS-E9-SW	2/26/2009	5	1958
MAS-E11-PAINT	2/26/2009	**270**	MAS-E11-SW	2/26/2009	3	1958
MAS-E35-PAINT	2/26/2009	7	MAS-E35-SW	2/26/2009	4	1980
MAS-F3-PAINT	2/26/2009	**120**	MAS-F3-SW	2/26/2009	8	1958
MAS-F7-PAINT	2/26/2009	**133**	MAS-F7-SW	2/26/2009	1.5	1958
MAS-F7-Paint(042209)	4/22/2009	**83**	MAS-F7-SW-TRS	4/22/2009	<1	1958
MAS-G7-PAINT	2/26/2009	20	MAS-G7-SW	2/26/2009	3	1958
MAS-G11-PAINT	2/27/2009	**80**	MAS-G11-SW	2/27/2009	8	1958
MAS-G31-Paint	3/2/2009	8	MAS-G31-SW	3/2/2009	<1	1969
MAS-G35-Paint	3/2/2009	4.5	MAS-G35-SW	3/2/2009	<1	1979
MAS-G39-Paint	3/2/2009	4	MAS-G39-SW	3/2/2009	<1	1979
MAS-G39-Paint(042209)	4/22/2009	2	MAS-G39-SW-TRS	4/22/2009	<1	1979
MAS-H5-PAINT	2/26/2009	13	MAS-H5-SW	2/26/2009	<1	1958
MAS-H5-Paint(042209)	4/22/2009	**90**	MAS-H5-SW-TRS	4/22/2009	<1	1958
MAS-H15-PAINT	2/27/2009	**35**	MAS-H15-SW	2/27/2009	48	1958
MAS-H15-Paint(042209)	4/22/2009	**545**	MAS-H15-SW-TRS	4/22/2009	<1	1958
MAS-H21-PAINT	2/27/2009	**69**	MAS-H21-SW	2/27/2009	3	1958
MAS-H27-PAINT	2/27/2009	17	MAS-H27-SW	2/27/2009	<1	1964
MAS-H27-Paint(042209)	4/22/2009	25	MAS-H27-SW-TRS	4/22/2009	<1	1964
MAS-J9-PAINT	2/27/2009	1	MAS-J9-SW	2/27/2009	1.2	1969
MAS-J13-PAINT	2/27/2009	**38**	MAS-J13-SW	2/27/2009	1	1969
MAS-J19-PAINT	2/27/2009	**40**	MAS-J19-SW	2/27/2009	1.2	1969
MAS-J25-PAINT	2/27/2009	25	MAS-J25-SW	2/27/2009	1	1963
MAS-J31-Paint	3/2/2009	12	MAS-J31-SW	3/2/2009	2.4	1969
MAS-J35-Paint	3/2/2009	5	MAS-J35-SW	3/2/2009	<1	1978
MAS-J39-Paint	3/2/2009	6	MAS-J39-SW	3/2/2009	<1	1978
MAS-K11-PAINT	2/27/2009	3	MAS-K11-SW	2/27/2009	<1	1969
MAS-K27-PAINT	2/27/2009	**30**	MAS-K27-SW	2/27/2009	<1	1969
MAS-K27-Paint(042209)	4/22/2009	**30**	MAS-K27-SW-TRS	4/22/2009	<1	1969
MAS-K33-Paint	3/2/2009	10	MAS-K33-SW	3/2/2009	<1	1978
MAS-K33-Paint(042209)	4/22/2009	23	MAS-K33-SW-TRS	4/22/2009	<1	1978
MAS-K41-Paint	3/2/2009	5	MAS-K41-SW	3/2/2009	<1	1978
MAS-L31-Paint	3/2/2009	9	MAS-L31-SW	3/2/2009	<1	1969
MAS-L35-Paint	3/2/2009	1	MAS-L35-SW	3/2/2009	<1	1978
MAS-L43-Paint	3/2/2009	3	MAS-L43-SW	3/2/2009	<1	1979
MAS-M33-Paint	3/2/2009	1	MAS-M33-SW	3/2/2009	<1	1978
MAS-M39-Paint	3/2/2009	5	MAS-M39-SW	3/2/2009	<1	1978
MAS-N31-Paint	3/2/2009	3.5	MAS-N31-SW	3/2/2009	<1	1980
MAS-N35-Paint	3/2/2009	1.5	MAS-N35-SW	3/2/2009	<1	1980
MAS-N43-Paint	3/2/2009	6	MAS-N43-SW	3/2/2009	<1	1980
MAS-P11-PAINT	2/27/2009	20	MAS-P11-SW	2/27/2009	<1	1980
MAS-P17-PAINT	2/27/2009	**30**	MAS-P17-SW	2/27/2009	5	1980

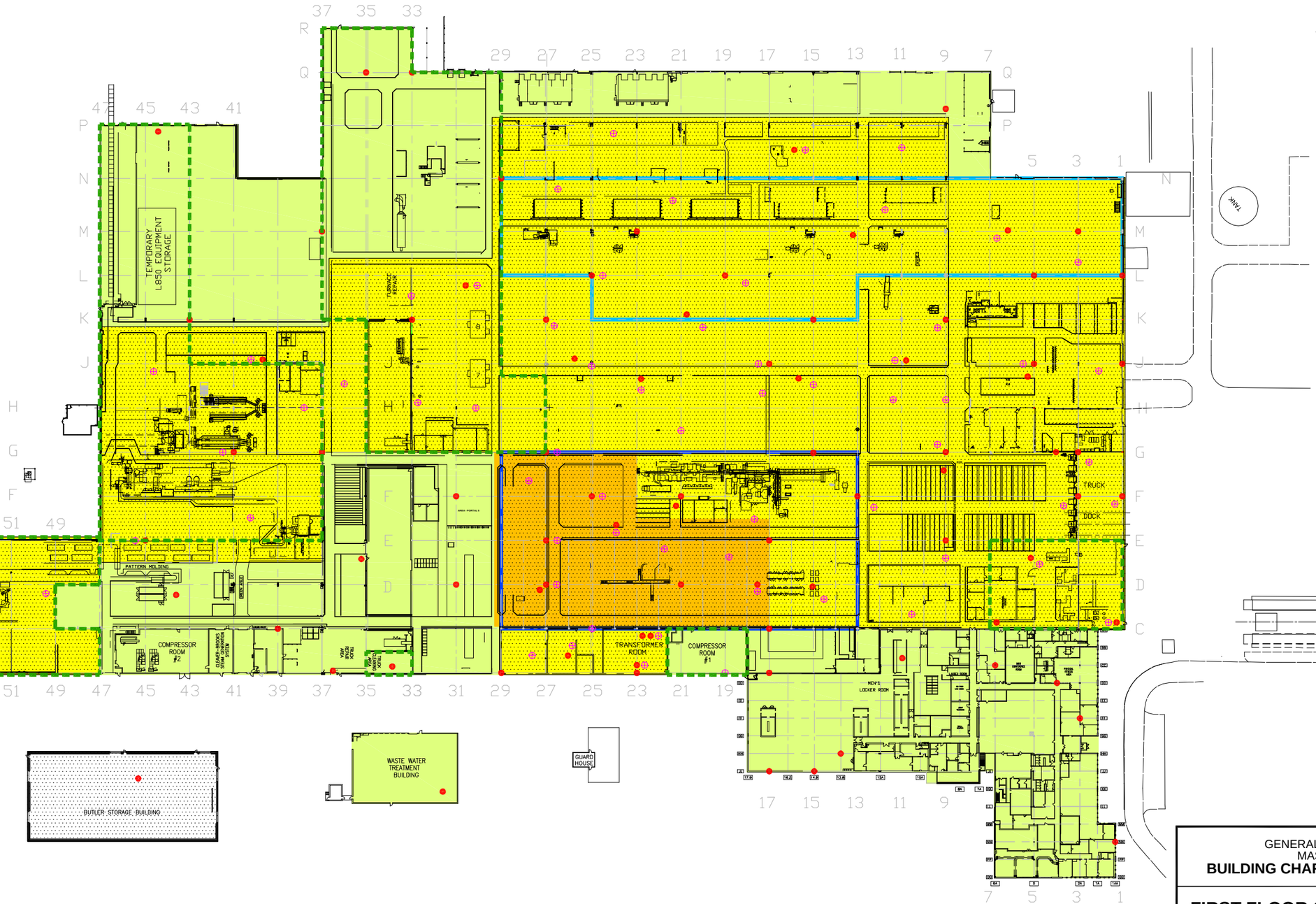
TABLE 2
OVERHEAD STRUCTURAL STEEL
COMPARISON OF TOTAL PCB RESULTS
PAINT CHIP AND WIPE SAMPLES

GENERAL MOTORS CORPORATION
MASSENA METAL CASTINGS PLANT
MASSENA, NEW YORK

Bulk Sample Location ID:	Date Collected	Total PCBs mg/kg	Wipe Sample Location ID:	Date Collected	Total PCBs ug/100cm^2	Date Constructed
Screening Level		25	Screening Level		100	
MAS-P23-PAINT	2/27/2009	25	MAS-P23-SW	2/27/2009	<1	1980
MAS-P23-Paint(042209)	4/22/2009	4	MAS-P23-SW-TRS	4/22/2009	<1	1980
MAS-P27-PAINT	2/27/2009	18	MAS-P27-SW	2/27/2009	<1	1980
MAS-P27-Paint(042209)	4/22/2009	20	MAS-P27-SW-TRS	4/22/2009	<1	1980
MAS-P33-Paint	3/2/2009	3	MAS-P33-SW	3/2/2009	<1	1980
MAS-Q35-Paint	3/2/2009	7	MAS-Q35-SW	3/2/2009	<1	1980
MAS-WWT-Paint	3/2/2009	4	MAS-WWT-SW	3/2/2009	1.8	

Notes:
All samples (bulk and wipe) were collected by ARCADIS.
The "Date Constructed" column indicates the year that the area of the plant was constructed.
BOLD - Indicates exceedance of TSCA low occupancy screening level of 25 mg/kg (ppm) for bulk samples or 100µg/100cm^2 for wipe samples.

FIGURES



LEGEND:

- CONCRETE FLOOR CORE SAMPLE LOCATION
- CONCRETE FLOOR WIPE SAMPLE LOCATION
- AREAS WITH PCBs > 1 MG/KG
- AREAS WITH PCBs ≤ 10 UG/100 CM²
- AREAS WITH PCBs > 10 UG/100 CM²
- AREAS WITH PCBs ≤ 1 MG/KG
- HISTORIC LARGE DIE CAST EQUIPMENT AREA
- HISTORIC SMALL DIE CAST EQUIPMENT AREA
- EXTENT OF UNPAINTED CONCRETE FLOORS IN MAIN PLANT

NOTES:

1. BASE MAP PROVIDED BY GENERAL MOTORS INDUSTRIAL ENGINEERING DEPARTMENT, DRAWING NUMBER 3040002007, MARCH 1, 2007.
2. ALL LOCATIONS ARE APPROXIMATE.
3. MG/KG – MILLIGRAMS PER KILOGRAM (PPM)
4. UG/100 CM² – MICROGRAMS PER 100 SQUARE CENTIMETERS
5. ADMINISTRATION WING SLABS RE TYPICALLY COVERED WITH FLOOR TILE OR CARPET EXCEPT UTILITY ROOMS.

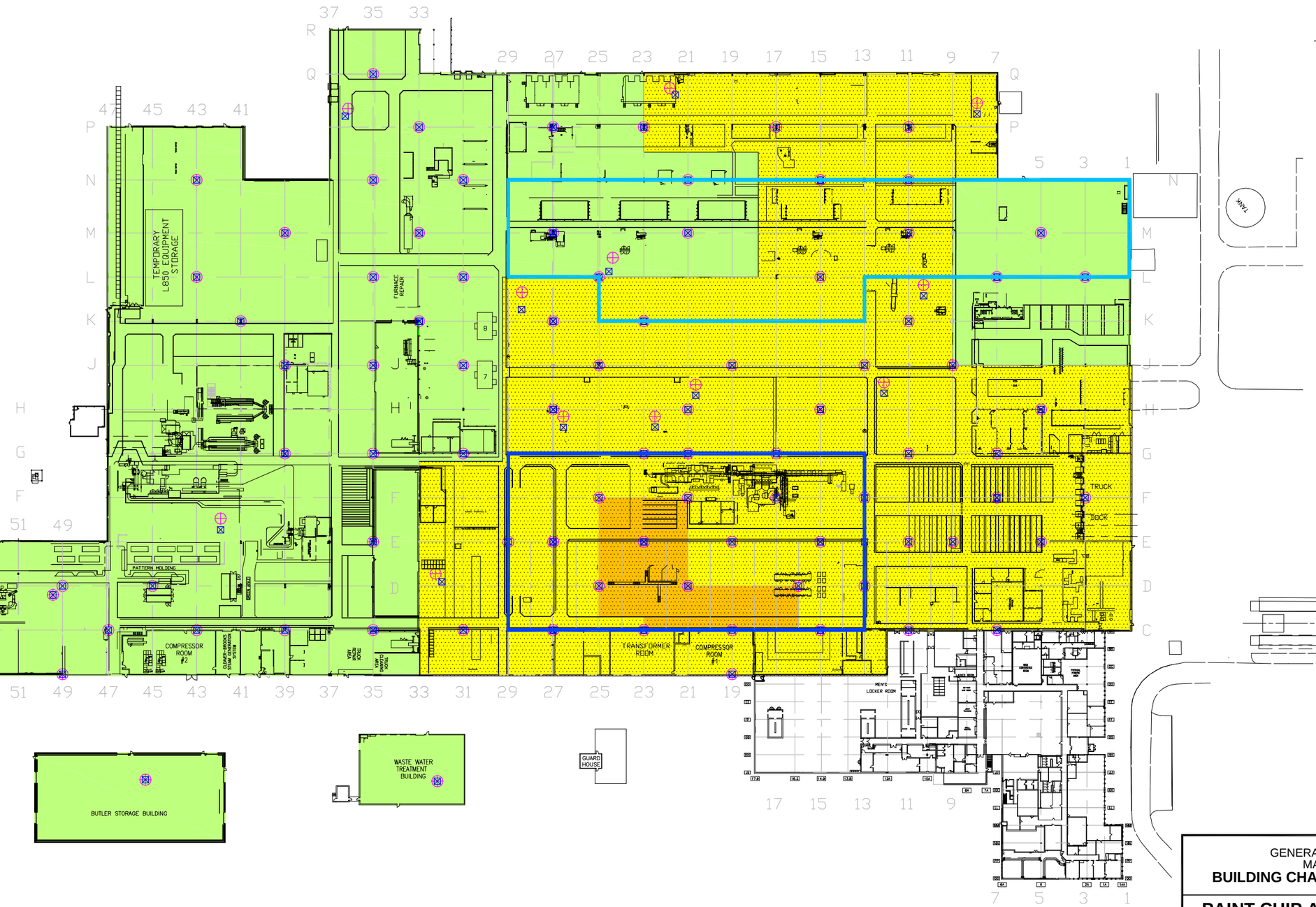
0 60' 120'
GRAPHIC SCALE

GENERAL MOTORS POWERTRAIN
MASSENA, NEW YORK
BUILDING CHARACTERIZATION SAMPLING

FIRST FLOOR CONCRETE FLOOR SLAB SAMPLE LOCATIONS

ARCADIS

FIGURE
1



GENERAL MOTORS POWERTRAIN
MASSENA, NEW YORK
BUILDING CHARACTERIZATION SAMPLING

PAINT CHIP AND PAINT WIPE SAMPLE LOCATIONS FROM OVERHEAD TRUSSES AND OTHER OVERHEAD SURFACES

ARCADIS

FIGURE
2

CITY: SYRACUSE DIV/GROUP: 141/ENV DB: AGS PM:(REQD)
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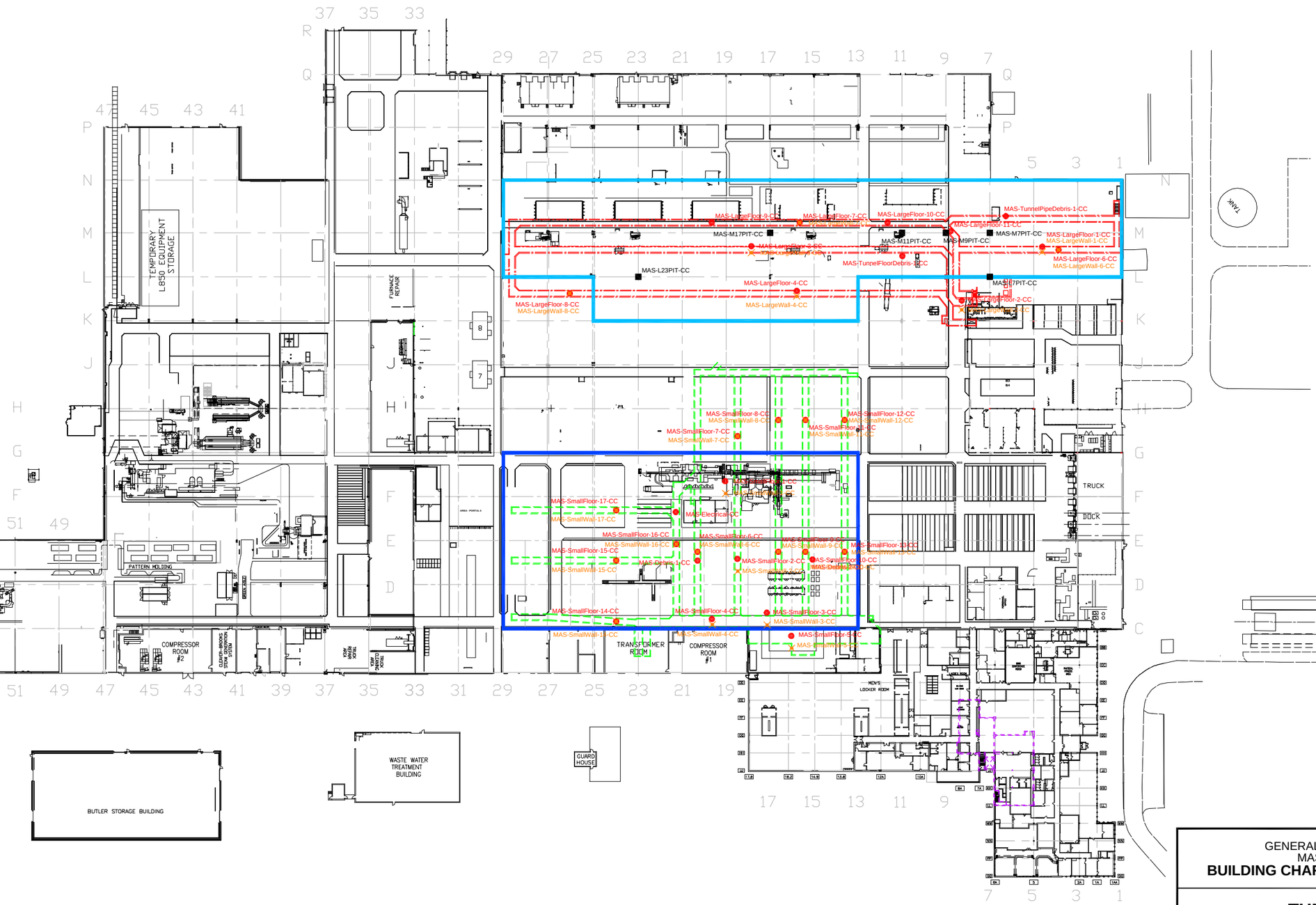
86852X00
86852X02
IMAGES:
PROJECTNAME: ---
---PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/6/2009 3:17 PM BY: POSENAUER, LISA



LEGEND:

- CONCRETE TUNNEL FLOOR SAMPLE LOCATION
- CONCRETE TUNNEL WALL SAMPLE LOCATION
- CONCRETE PIT FLOOR SAMPLE LOCATION
- LARGE DIE CAST TUNNEL AREA
- SMALL DIE CAST TUNNEL AREA
- OFFICE BASEMENT AREA
- HISTORIC LARGE DIE CAST EQUIPMENT AREA
- HISTORIC SMALL DIE CAST EQUIPMENT AREA

NOTES:

1. BASE MAP PROVIDED BY GENERAL MOTORS INDUSTRIAL ENGINEERING DEPARTMENT, DRAWING NUMBER 3040002007, MARCH 1, 2007.
2. ALL LOCATIONS ARE APPROXIMATE.
3. PIT SAMPLES ARE FROM FLOOR OF CLOSED PITS FILLED WITH SAND AND FINISHED WITH CONCRETE SLAB FLUSH WITH MAIN FLOOR.

0 60' 120'
GRAPHIC SCALE

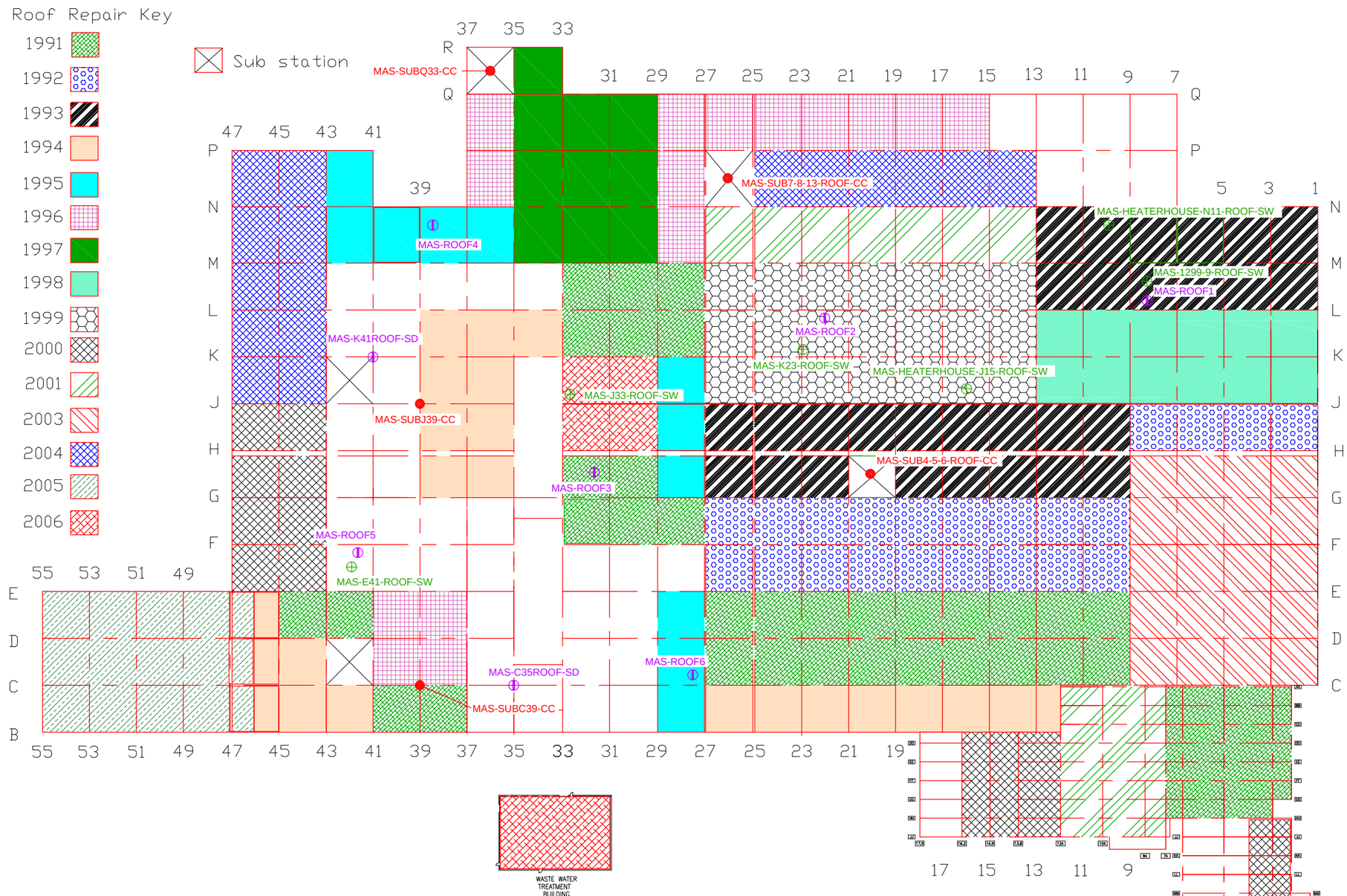
GENERAL MOTORS POWERTRAIN
MASSENA, NEW YORK
BUILDING CHARACTERIZATION SAMPLING

TUNNEL AND PIT SAMPLE LOCATIONS

ARCADIS

FIGURE 3

CITY: SYRACUSE DIV/GROUP: 141/ENV DB: AGS PM:(REQD)
G:\ENVCAD\SYRACUSE\ACTIB\0086852\00120000\01DWG\DATA\86852C21.dwg LAYOUT: 3SAVED: 7/6/2009 3:17 PM ACADVER: 17.0S (LMS TECH) PAGESETUP: ---PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 7/6/2009 3:17 PM BY: POSENAUER, LISA
XREFS:
86852X00
86852X02
IMAGES:
PROJECTNAME: ---



LEGEND:

- ROOFING MATERIAL SAMPLE LOCATION – FULL DEPTH CORE
- CONCRETE PAD CORE SAMPLE LOCATION
- WIPE SAMPLE LOCATION

NOTES:

1. BASE MAP PROVIDED BY GENERAL MOTORS INDUSTRIAL ENGINEERING DEPARTMENT, DRAWING NUMBER 3040002007, MARCH 1, 2007.
2. ALL LOCATIONS ARE APPROXIMATE.
3. BUILT–UP ROOFING MATERIAL SAMPLED NEAR VENTILATION STACKS. MEMBRANE ROOFING SECTIONS WERE NOT SAMPLED.

0 60' 120'
GRAPHIC SCALE

GENERAL MOTORS POWERTRAIN
MASSENA, NEW YORK
BUILDING CHARACTERIZATION SAMPLING

ROOF SAMPLE LOCATIONS

ARCADIS

FIGURE
4

ATTACHMENT A

Summary of Analytical Results for PCBs

Table of Contents

Tables

Attachment A

Buiding Material Sample Category Key

General Motors Corporation
Massena Metal Casting Plant
Masssena, NY

Category Key

MCP	=	Main Building Ceiling Panel (Concrete roof deck, interior surface)
MFD	=	Main Building Floor Drain
MOSP	=	Main Building Overhead Steel Painted (all solids (mg/kg) are paint chips, all wipes are on surface)
MOSU	=	Main Building Overhead Steel Unpainted (all solids (mg/kg) are grease or residue, all wipes are on surface)
MPSU	=	Main Building Pit Steel Unpainted - Crusher Pit (all solids (mg/kg) are grease or residue, all wipes are on surface)
MS	=	Main Building Slab - unpainted (all solids are concrete, all wipes are on surface)
MSCP	=	Main Building Closed Pit (pit bottom under fill)
MSE	=	Main Building Slab - with epoxy coating (all solids are concrete, all wipes are on surface)
MSWB	=	Main Building Slab Wood Block (wood and mastic)
MWB	=	Main Building Wall Block (concrete block or brick)
MWC	=	Main Building Wall Concrete (poured concrete)
MWP	=	Main Building Wall Painted (all wipes are on surface)
OBS	=	Out Building Slab (all solids are concrete, all wipes are on surface)
OBSP	=	Out Building Steel Painted (all solids (mg/kg) are paint chips, all wipes are on surface)
OBW	=	Out Building Wall (all solids are concrete, all wipes are on surface)
PSM	=	Process Sewer Manhole
RRB	=	Railroad Ballast - Stone (outside)
RRT	=	Railroad Tie - Wood (outside)
RS	=	Roof/Penthouse Slab (all solids are concrete, all wipes are on surface)
RS	=	Roofing (bitumen)
RV	=	Roof Vent (interior surface of vent or filter housing)
SSM	=	Sanitary Sewer Manhole
SWM	=	Stormwater Manhole
TC	=	Tunnel Conduit
TD	=	Tunnel Debris (miscellaneous sediments and solids)
TS	=	Tunnel Slab (all solids are concrete, all wipes are on surface)
TW	=	Tunnel Wall (all solids are concrete, all wipes are on surface)

Table A-1

Main Building Floor Drain Residue Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-Drain2-SD	5/6/2008	MFD	F	45	222	<0.33	<0.33	<0.33	<0.33	1.1	<0.33	<0.33	1.1
MAS-Drain4-SD	5/6/2008	MFD	P	9	526	<0.33	<0.33	<0.33	<0.33	1.6	<0.33	<0.33	1.6
MAS-Drain5-SD	5/7/2008	MFD	M	5	258	<0.33	<0.33	<0.33	<0.33	2.8	<0.33	<0.33	2.8
MAS-Drain7-SD	5/7/2008	MFD	B	47	299	<0.33	<0.33	<0.33	<0.33	1.2	<0.33	<0.33	1.2

Table A-2

Main Building Floor Drain Wipe Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 ug/100cm2	Aroclor-1221 ug/100cm2	Aroclor-1232 ug/100cm2	Aroclor-1242 ug/100cm2	Aroclor-1248 ug/100cm2	Aroclor-1254 ug/100cm2	Aroclor-1260 ug/100cm2	Total PCBs ug/100cm2
MAS-B9-SW	5/7/2008	MFD	B	9	3	<1	<1	<1	<1	1.8	<1	<1	1.8
MAS-Drain1-SW	5/6/2008	MFD	B	43	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-Drain3-SW	5/6/2008	MFD	M	41	1	<1	<1	<1	<1	1	<1	<1	1
MAS-Drain6-SW	5/6/2008	MFD	B	17	50	<5	<5	<5	<5	40	<5	<5	40
MAS-Drain8-SW	5/7/2008	MFD	B	25	30	<3	<3	<3	<3	21	<3	<3	21
MAS-KK3-SW	5/7/2008	MFD	K	3		<1	<1	<1	<1	<1	<1	<1	<1

Table A-3

Main Building Overhead Painted Steel Paint Chip Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-B19-Paint	3/2/2009	MOSP	B	19	1	<1	<1	<1	<1	1	<1	<1	1
MAS-B49-Paint	3/2/2009	MOSP	B	49	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-C7-PAINT	2/26/2009	MOSP	C	7	10000	<1,000	<1,000	<1,000	<1,000	7,000	<1,000	<1,000	7,000
MAS-C11-PAINT	2/26/2009	MOSP	C	11	2000	<40	<40	<40	<40	<40	280	<40	280
MAS-C15-PAINT	2/26/2009	MOSP	C	15	4000	<80	<80	<80	<80	<80	640	<80	640
MAS-C15-Paint(042209)	4/22/2009	MOSP	C	15	300	<50	<50	<50	<50	200	<50	<50	200
MAS-C19-PAINT	2/26/2009	MOSP	C	19	2000	<40	<40	<40	<40	<40	400	<40	400
MAS-C23-PAINT	2/26/2009	MOSP	C	23	1000	<20	<20	<20	<20	120	<20	<20	120
MAS-C23-Paint(042209)	4/22/2009	MOSP	C	23	100	<100	<100	<100	<100	650	<100	<100	650
MAS-C27-PAINT	2/26/2009	MOSP	C	27	200	<7	<7	<7	<7	27	<7	<7	27
MAS-C27-Paint(042209)	4/22/2009	MOSP	C	27	10	<3	<3	<3	<3	27	<3	<3	27
MAS-C31-PAINT	2/26/2009	MOSP	C	31	100	<5	<5	<5	<5	30	<5	<5	30
MAS-C35-PAINT	2/26/2009	MOSP	C	35	5	<1	<1	<1	<1	5	<1	<1	5
MAS-C39-Paint	3/2/2009	MOSP	C	39	3	<1	<1	<1	<1	4	<1	<1	4
MAS-C43-Paint	3/2/2009	MOSP	C	43	10	<1	<1	<1	<1	1.6	<1	<1	1.6
MAS-C47-Paint	3/2/2009	MOSP	C	47	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-D13-PAINT	2/26/2009	MOSP	D	13	2000	<40	<40	<40	<40	120	<40	<40	120
MAS-D17-PAINT	2/26/2009	MOSP	D	17	1000	<20	<20	<20	<20	100	<20	<20	100
MAS-D21-PAINT	2/26/2009	MOSP	D	21	3000	<150	<150	<150	<150	<150	600	<150	600
MAS-D25-PAINT	2/26/2009	MOSP	D	25	500	<10	<10	<10	<10	50	<10	<10	50
MAS-D31-PAINT	5/6/2008	MOSP	D	31	300	<6	<6	<6	<6	39	<6	<6	39
MAS-D45-Paint	3/2/2009	MOSP	D	45	10	<1	<1	<1	<1	5	<1	<1	5
MAS-D49-Paint	3/2/2009	MOSP	D	49	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-D49-Paint(042209)	4/22/2009	MOSP	D	49	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-E5-PAINT	2/26/2009	MOSP	E	5	1000	<33	<33	<33	<33	200	<33	<33	200
MAS-E9-PAINT	2/26/2009	MOSP	E	9	600	<20	<20	<20	<20	140	<20	<20	140
MAS-E11-PAINT	2/26/2009	MOSP	E	11	600	<30	<30	<30	<30	270	<30	<30	270
MAS-E15-PAINT	2/26/2009	MOSP	E	15	3000	<60	<60	<60	<60	300	<60	<60	300
MAS-E15-Paint(042209)	4/22/2009	MOSP	E	15	500	<30	<30	<30	<30	111	<30	<30	111
MAS-E19-PAINT	2/26/2009	MOSP	E	19	2000	<100	<100	<100	<100	350	<100	<100	350
MAS-E23-PAINT	2/26/2009	MOSP	E	23	10000	<200	<200	<200	<200	<200	<200	1,000	1,000
MAS-E27-PAINT	2/26/2009	MOSP	E	27	500	<10	<10	<10	<10	30	<10	<10	30
MAS-E27-Paint(042209)	4/22/2009	MOSP	E	27	50	<13	<13	<13	<13	50	<13	<13	50
MAS-E29-PAINT	2/26/2009	MOSP	E	29	30	<6	<6	<6	<6	30	<6	<6	30
MAS-E35-PAINT	2/26/2009	MOSP	E	35	5	<1	<1	<1	<1	7	<1	<1	7
MAS-E41-PAINT	5/6/2008	MOSP	E	41	300	<6	<6	<6	<6	42	<6	<6	42
MAS-F3-PAINT	2/26/2009	MOSP	F	3	2000	<40	<40	<40	<40	120	<40	<40	120
MAS-F7-PAINT	2/26/2009	MOSP	F	7	200	<13	<13	<13	<13	133	<13	<13	133
MAS-F7-Paint(042209)	4/22/2009	MOSP	F	7	50	<17	<17	<17	<17	83	<17	<17	83
MAS-F13-PAINT	2/26/2009	MOSP	F	13	1000	<20	<20	<20	<20	200	<20	<20	200
MAS-F17-PAINT	2/26/2009	MOSP	F	17	20	<7	<7	<7	<7	47	<7	<7	47

Table A-3

Main Building Overhead Painted Steel Paint Chip Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-F21-PAINT	2/26/2009	MOSP	F	21	1000	<20	<20	<20	<20	60	<20	<20	60
MAS-F25-PAINT	2/26/2009	MOSP	F	25	200	<20	<20	<20	<20	60	<20	<20	60
MAS-G7-PAINT	2/26/2009	MOSP	G	7	50	<5	<5	<5	<5	20	<5	<5	20
MAS-G11-PAINT	2/27/2009	MOSP	G	11	200	<20	<20	<20	<20	80	<20	<20	80
MAS-G17-PAINT	2/27/2009	MOSP	G	17	200	<20	<20	<20	<20	80	<20	<20	80
MAS-G21-PAINT	5/6/2008	MOSP	G	21	500	<10	<10	<10	<10	180	<10	<10	180
MAS-G21-Paint(042209)	4/22/2009	MOSP	G	21	500	<50	<50	<50	<50	227	<50	<50	227
MAS-G23-PAINT	2/27/2009	MOSP	G	23	1000	<33	<33	<33	<33	300	<33	<33	300
MAS-G25-PAINT	5/6/2008	MOSP	G	25	1000	<20	<20	<20	<20	<20	100	<20	100
MAS-G31-Paint	3/2/2009	MOSP	G	31	100	<2	<2	<2	<2	8	<2	<2	8
MAS-G35-Paint	3/2/2009	MOSP	G	35	10	<1	<1	<1	<1	4.5	<1	<1	4.5
MAS-G39-Paint	3/2/2009	MOSP	G	39	20	<1	<1	<1	<1	4	<1	<1	4
MAS-G39-Paint(042209)	4/22/2009	MOSP	G	39	5	<1	<1	<1	<1	2	<1	<1	2
MAS-H5-PAINT	2/26/2009	MOSP	H	5	20	<2	<2	<2	<2	13	<2	<2	13
MAS-H5-Paint(042209)	4/22/2009	MOSP	H	5	30	<30	<30	<30	<30	90	<30	<30	90
MAS-H11-PAINT	5/6/2008	MOSP	H	11	1500	<30	<30	<30	<30	225	<30	<30	225
MAS-H15-PAINT	2/27/2009	MOSP	H	15	100	<5	<5	<5	<5	35	<5	<5	35
MAS-H15-Paint(042209)	4/22/2009	MOSP	H	15	1000	<100	<100	<100	<100	545	<100	<100	545
MAS-H19-PAINT	5/6/2008	MOSP	H	19	1000	<20	<20	<20	<20	120	<20	<20	120
MAS-H21-PAINT	2/27/2009	MOSP	H	21	300	<15	<15	<15	<15	69	<15	<15	69
MAS-H27-PAINT	2/27/2009	MOSP	H	27	10	<3	<3	<3	<3	17	<3	<3	17
MAS-H27-Paint(042209)	4/22/2009	MOSP	H	27	50	<5	<5	<5	<5	25	<5	<5	25
MAS-J9-PAINT	2/27/2009	MOSP	J	9	1	<1	<1	<1	<1	1	<1	<1	1
MAS-J13-PAINT	2/27/2009	MOSP	J	13	100	<10	<10	<10	<10	38	<10	<10	38
MAS-J19-PAINT	2/27/2009	MOSP	J	19	500	<0.33	<0.33	<0.33	<0.33	40	<0.33	<0.33	40
MAS-J25-PAINT	2/27/2009	MOSP	J	25	100	<5	<5	<5	<5	25	<5	<5	25
MAS-J31-Paint	3/2/2009	MOSP	J	31	10	<2	<2	<2	<2	12	<2	<2	12
MAS-J35-Paint	3/2/2009	MOSP	J	35	10	<1	<1	<1	<1	5	<1	<1	5
MAS-J39-Paint	3/2/2009	MOSP	J	39	20	<2	<2	<2	<2	6	<2	<2	6
MAS-K9-PAINT	5/6/2008	MOSP	K	9	300	<10	<10	<10	<10	96	<10	<10	96
MAS-K11-PAINT	2/27/2009	MOSP	K	11	1	<1	<1	<1	<1	3	<1	<1	3
MAS-K23-PAINT	2/27/2009	MOSP	K	23	50	<7	<7	<7	<7	29	<7	<7	29
MAS-K23-Paint(042209)	4/22/2009	MOSP	K	23	50	<6	<6	<6	<6	17	<6	<6	17
MAS-K27-PAINT	5/6/2008	MOSP	K	27	1000	<20	<20	<20	<20	140	<20	<20	140
	2/27/2009	MOSP	K	27	50	<10	<10	<10	<10	30	<10	<10	30
MAS-K27-Paint(042209)	4/22/2009	MOSP	K	27	20	<7	<7	<7	<7	30	<7	<7	30
MAS-K33-Paint	3/2/2009	MOSP	K	33	10	<1	<1	<1	<1	10	<1	<1	10
MAS-K33-Paint(042209)	4/22/2009	MOSP	K	33	50	<5	<5	<5	<5	23	<5	<5	23
MAS-K41-Paint	3/2/2009	MOSP	K	41	50	<2	<2	<2	<2	5	<2	<2	5
MAS-L3-PAINT	2/27/2009	MOSP	L	3	100	<2	<2	<2	<2	14	<2	<2	14

Table A-3

Main Building Overhead Painted Steel Paint Chip Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-L7-PAINT	2/27/2009	MOSP	L	7	100	<5	<5	<5	<5	20	<5	<5	20
MAS-L7-Paint(042209)	4/22/2009	MOSP	L	7	10	<1	<1	<1	<1	7.5	<1	<1	7.5
MAS-L15-PAINT	2/27/2009	MOSP	L	15	10	<1	<1	<1	<1	<1	<1	<1	<1
MAS-L23-PAINT	5/6/2008	MOSP	L	23	100	<2	<2	<2	<2	16	<2	<2	16
MAS-L25-PAINT	2/27/2009	MOSP	L	25	10	<1	<1	<1	<1	7	<1	<1	7
MAS-L31-Paint	3/2/2009	MOSP	L	31	3	<2	<2	<2	<2	9	<2	<2	9
MAS-L35-Paint	3/2/2009	MOSP	L	35	3	<1	<1	<1	<1	1	<1	<1	1
MAS-L43-Paint	3/2/2009	MOSP	L	43	20	<1	<1	<1	<1	3	<1	<1	3
MAS-M5-PAINT	2/27/2009	MOSP	M	5	50	<3	<3	<3	<3	10	<3	<3	10
MAS-M11-PAINT	2/27/2009	MOSP	M	11	50	<13	<13	<13	<13	50	<13	<13	50
MAS-M21-PAINT	2/27/2009	MOSP	M	21	50	<5	<5	<5	<5	15	<5	<5	15
MAS-M27-PAINT	2/27/2009	MOSP	M	27	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-M27-Paint(042209)	4/22/2009	MOSP	M	27	10	<1	<1	<1	<1	2.6	<1	<1	2.6
MAS-M33-Paint	3/2/2009	MOSP	M	33	1	<1	<1	<1	<1	1	<1	<1	1
MAS-M39-Paint	3/2/2009	MOSP	M	39	10	<2	<2	<2	<2	5	<2	<2	5
MAS-N11-PAINT	2/27/2009	MOSP	N	11	100	<3	<3	<3	<3	33	<3	<3	33
MAS-N15-PAINT	2/27/2009	MOSP	N	15	50	<5	<5	<5	<5	25	<5	<5	25
MAS-N15-Paint(042209)	4/22/2009	MOSP	N	15	10	<2	<2	<2	<2	5.7	5.7	<2	11.4
MAS-N21-PAINT	2/27/2009	MOSP	N	21	100	<3	<3	<3	<3	13	<3	<3	13
MAS-N31-Paint	3/2/2009	MOSP	N	31	3	<1	<1	<1	<1	3.5	<1	<1	3.5
MAS-N35-Paint	3/2/2009	MOSP	N	35	10	<1	<1	<1	<1	1.5	<1	<1	1.5
MAS-N43-Paint	3/2/2009	MOSP	N	43	10	<1	<1	<1	<1	6	<1	<1	6
MAS-P7-PAINT	5/6/2008	MOSP	P	7	300	<6	<6	<6	<6	36	<6	<6	36
MAS-P11-PAINT	2/27/2009	MOSP	P	11	100	<2	<2	<2	<2	20	<2	<2	20
MAS-P17-PAINT	2/27/2009	MOSP	P	17	100	<5	<5	<5	<5	30	<5	<5	30
MAS-P21-PAINT	5/6/2008	MOSP	P	21	300	<6	<6	<6	<6	30	<6	<6	30
MAS-P23-PAINT	2/27/2009	MOSP	P	23	50	<5	<5	<5	<5	25	<5	<5	25
MAS-P23-Paint(042209)	4/22/2009	MOSP	P	23	10	<1	<1	<1	<1	4	<1	<1	4
MAS-P27-PAINT	2/27/2009	MOSP	P	27	50	<3	<3	<3	<3	18	<3	<3	18
MAS-P27-Paint(042209)	4/22/2009	MOSP	P	27	10	<5	<5	<5	<5	20	<5	<5	20
MAS-P33-Paint	3/2/2009	MOSP	P	33	3	<1	<1	<1	<1	3	<1	<1	3
MAS-P35-PAINT	5/6/2008	MOSP	P	35	30	<1	<1	<1	<1	5.6	<1	<1	5.6
MAS-Q35-Paint	3/2/2009	MOSP	Q	35	10	<1	<1	<1	<1	7	<1	<1	7

Table A-4

Main Building Overhead Painted Steel Wipe Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 ug/100cm2	Aroclor-1221 ug/100cm2	Aroclor-1232 ug/100cm2	Aroclor-1242 ug/100cm2	Aroclor-1248 ug/100cm2	Aroclor-1254 ug/100cm2	Aroclor-1260 ug/100cm2	Total PCBs ug/100cm2
MAS-B19-SW	3/2/2009	MOSP	B	19	10	<1	<1	<1	<1	7	<1	<1	7
MAS-B49-SW	3/2/2009	MOSP	B	49	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-C7-SW	2/26/2009	MOSP	C	7	50	<5	<5	<5	<5	15	<5	<5	15
MAS-C11-SW	2/26/2009	MOSP	C	11	300	<30	<30	<30	<30	<30	90	<30	90
MAS-C15-SW	2/26/2009	MOSP	C	15	50	<5	<5	<5	<5	<5	<5	15	15
MAS-C15-SW-TRS	4/22/2009	MOSP	C	15	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-C19-SW	2/26/2009	MOSP	C	19	500	<50	<50	<50	<50	<50	<50	350	350
MAS-C19-SW-TRS A	4/23/2009	MOSP	C	19	10	<1	<1	<1	<1	4	3	<1	7
MAS-C19-SW-TRS B	4/23/2009	MOSP	C	19	10	<1	<1	<1	<1	3	2.5	<1	5.5
MAS-C19-SW-TRS C	4/23/2009	MOSP	C	19	10	<1	<1	<1	<1	4	3	<1	7
MAS-C19-SW-TRS D	4/23/2009	MOSP	C	19	10	<1	<1	<1	<1	2	2	<1	4
MAS-C23-SW	2/26/2009	MOSP	C	23	50	<5	<5	<5	<5	43	<5	<5	43
MAS-C23-SW-TRS	4/22/2009	MOSP	C	23	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-C25-SW	5/1/2008	MOSP	C	25	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-C27-SW	2/26/2009	MOSP	C	27	20	<2	<2	<2	<2	7	<2	<2	7
MAS-C27-SW-TRS	4/22/2009	MOSP	C	27	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-C31-SW	2/26/2009	MOSP	C	31	10	<1	<1	<1	<1	4	<1	<1	4
MAS-C35-SW	2/26/2009	MOSP	C	35	5	<1	<1	<1	<1	5	<1	<1	5
MAS-C39-SW	3/2/2009	MOSP	C	39	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-C43-SW	3/2/2009	MOSP	C	43	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-C47-SW	3/2/2009	MOSP	C	47	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-D13-SW	2/26/2009	MOSP	D	13	10	<1	<1	<1	<1	2	<1	<1	2
MAS-D17-SW	2/26/2009	MOSP	D	17	20	<2	<2	<2	<2	12	<2	<2	12
MAS-D21-SW	2/26/2009	MOSP	D	21	20	<2	<2	<2	<2	6	<2	<2	6
MAS-D21-SW-TRS A	4/23/2009	MOSP	D	21	5	<1	<1	<1	<1	1.5	1.5	<1	3
MAS-D21-SW-TRS B	4/23/2009	MOSP	D	21	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-D21-SW-TRS C	4/23/2009	MOSP	D	21	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-D21-SW-TRS D	4/23/2009	MOSP	D	21	5	<1	<1	<1	<1	2	2	<1	4
MAS-D25-SW	2/26/2009	MOSP	D	25	20	<2	<2	<2	<2	10	<2	<2	10
MAS-D31-SW	5/6/2008	MOSP	D	31	5	<1	<1	<1	<1	2	<1	<1	2
MAS-D45-SW	3/2/2009	MOSP	D	45	3	<1	<1	<1	<1	2.5	<1	<1	2.5
MAS-D49-SW	3/2/2009	MOSP	D	49	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-D49-SW-TRS	4/22/2009	MOSP	D	49	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-E5-SW	2/26/2009	MOSP	E	5	20	<2	<2	<2	<2	10	<2	<2	10
MAS-E9-SW	2/26/2009	MOSP	E	9	10	<1	<1	<1	<1	5	<1	<1	5
MAS-E11-SW	2/26/2009	MOSP	E	11	10	<1	<1	<1	<1	3	<1	<1	3
MAS-E15-SW	2/26/2009	MOSP	E	15	100	<10	<10	<10	<10	40	<10	<10	40
MAS-E15-SW-TRS	4/22/2009	MOSP	E	15	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-E19-SW	2/26/2009	MOSP	E	19	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-E23-SW	2/26/2009	MOSP	E	23	500	<50	<50	<50	<50	<50	<50	250	250
MAS-E23-SW-TRS A	4/23/2009	MOSP	E	23	5	<1	<1	<1	<1	3	<1	<1	3

Table A-4

Main Building Overhead Painted Steel Wipe Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 ug/100cm2	Aroclor-1221 ug/100cm2	Aroclor-1232 ug/100cm2	Aroclor-1242 ug/100cm2	Aroclor-1248 ug/100cm2	Aroclor-1254 ug/100cm2	Aroclor-1260 ug/100cm2	Total PCBs ug/100cm2
MAS-E23-SW-TRS B	4/23/2009	MOSP	E	23	3	<1	<1	<1	<1	1.5	<1	<1	1.5
MAS-E23-SW-TRS C	4/23/2009	MOSP	E	23	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-E23-SW-TRS D	4/23/2009	MOSP	E	23	10	<1	<1	<1	<1	5	<1	<1	5
MAS-E27-SW	2/26/2009	MOSP	E	27	20	<2	<2	<2	<2	7	<2	<2	7
MAS-E27-SW-TRS	4/22/2009	MOSP	E	27	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-E29-SW	2/26/2009	MOSP	E	29	10	<1	<1	<1	<1	4	<1	<1	4
MAS-E35-SW	2/26/2009	MOSP	E	35	5	<1	<1	<1	<1	4	<1	<1	4
MAS-E41-SW	5/6/2008	MOSP	E	41	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-F3-SW	2/26/2009	MOSP	F	3	20	<2	<2	<2	<2	8	<2	<2	8
MAS-F7-SW	2/26/2009	MOSP	F	7	5	<1	<1	<1	<1	1.5	<1	<1	1.5
MAS-F7-SW-TRS	4/22/2009	MOSP	F	7	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-F13-SW	2/26/2009	MOSP	F	13	20	<2	<2	<2	<2	6	<2	<2	6
MAS-F17-SW	2/26/2009	MOSP	F	17	100	<10	<10	<10	<10	40	<10	<10	40
MAS-F21-SW	2/26/2009	MOSP	F	21	200	<20	<20	<20	<20	80	<20	<20	80
MAS-F25-SW	2/26/2009	MOSP	F	25	10	<1	<1	<1	<1	5	<1	<1	5
MAS-G7-SW	2/26/2009	MOSP	G	7	10	<1	<1	<1	<1	3	<1	<1	3
MAS-G11-SW	2/27/2009	MOSP	G	11	10	<1	<1	<1	<1	8	<1	<1	8
MAS-G17-SW	2/27/2009	MOSP	G	17	20	<2	<2	<2	<2	15	<2	<2	15
MAS-G21-SW	5/6/2008	MOSP	G	21	5	<1	<1	<1	<1	5	<1	<1	5
MAS-G21-SW-TRS	4/22/2009	MOSP	G	21	3	<1	<1	<1	<1	1.2	<1	<1	1.2
MAS-G23-SW	2/27/2009	MOSP	G	23	3	<1	<1	<1	<1	3	<1	<1	3
MAS-G25-SW	5/6/2008	MOSP	G	25	5	<1	<1	<1	<1	3.3	<1	<1	3.3
MAS-G31-SW	3/2/2009	MOSP	G	31	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-G35-SW	3/2/2009	MOSP	G	35	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-G39-SW	3/2/2009	MOSP	G	39	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-G39-SW-TRS	4/22/2009	MOSP	G	39	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-H5-SW	2/26/2009	MOSP	H	5	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-H5-SW-TRS	4/22/2009	MOSP	H	5	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-H11-SW	5/6/2008	MOSP	H	11	30	<3	<3	<3	<3	27	<3	<3	27
MAS-H15-SW	2/27/2009	MOSP	H	15	60	<6	<6	<6	<6	48	<6	<6	48
MAS-H15-SW-TRS	4/22/2009	MOSP	H	15	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-H19-SW	5/6/2008	MOSP	H	19	25	<3	<3	<3	<3	20	<3	<3	20
MAS-H21-SW	2/27/2009	MOSP	H	21	3	<1	<1	<1	<1	3	<1	<1	3
MAS-H27-SW	2/27/2009	MOSP	H	27	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-H27-SW-TRS	4/22/2009	MOSP	H	27	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-J9-SW	2/27/2009	MOSP	J	9	3	<1	<1	<1	<1	1.2	<1	<1	1.2
MAS-J13-SW	2/27/2009	MOSP	J	13	3	<1	<1	<1	<1	1	<1	<1	1
MAS-J19-SW	2/27/2009	MOSP	J	19	3	<1	<1	<1	<1	1.2	<1	<1	1.2
MAS-J25-SW	2/27/2009	MOSP	J	25	3	<1	<1	<1	<1	1	<1	<1	1
MAS-J31-SW	3/2/2009	MOSP	J	31	3	<1	<1	<1	<1	2.4	<1	<1	2.4
MAS-J35-SW	3/2/2009	MOSP	J	35	3	<1	<1	<1	<1	<1	<1	<1	<1

Table A-4

Main Building Overhead Painted Steel Wipe Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 ug/100cm2	Aroclor-1221 ug/100cm2	Aroclor-1232 ug/100cm2	Aroclor-1242 ug/100cm2	Aroclor-1248 ug/100cm2	Aroclor-1254 ug/100cm2	Aroclor-1260 ug/100cm2	Total PCBs ug/100cm2
MAS-J39-SW	3/2/2009	MOSP	J	39	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-K9-SW	5/6/2008	MOSP	K	9	1	<1	<1	<1	<1	1	<1	<1	1
MAS-K11-SW	2/27/2009	MOSP	K	11	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-K23-SW	2/27/2009	MOSP	K	23	5	<1	<1	<1	<1	2.5	<1	<1	2.5
MAS-K23-SW-TRS	4/22/2009	MOSP	K	23	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-K27-SW	5/6/2008	MOSP	K	27	5	<1	<1	<1	<1	2	<1	<1	2
	2/27/2009	MOSP	K	27	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-K27-SW-TRS	4/22/2009	MOSP	K	27	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-K33-SW	3/2/2009	MOSP	K	33	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-K33-SW-TRS	4/22/2009	MOSP	K	33	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-K41-SW	3/2/2009	MOSP	K	41	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-L3-SW	2/27/2009	MOSP	L	3	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-L7-SW	2/27/2009	MOSP	L	7	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-L7-SW-TRS	4/22/2009	MOSP	L	7	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-L15-SW	2/27/2009	MOSP	L	15	20	<2	<2	<2	<2	14	<2	<2	14
MAS-L23-SW	5/6/2008	MOSP	L	23	5	<1	<1	<1	<1	<1	2	<1	2
MAS-L25-SW	2/27/2009	MOSP	L	25	3	<1	<1	<1	<1	1.5	<1	<1	1.5
MAS-L31-SW	3/2/2009	MOSP	L	31	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-L35-SW	3/2/2009	MOSP	L	35	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-L43-SW	3/2/2009	MOSP	L	43	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-M5-SW	2/27/2009	MOSP	M	5	3	<1	<1	<1	<1	1.5	<1	<1	1.5
MAS-M11-SW	2/27/2009	MOSP	M	11	3	<1	<1	<1	<1	2.1	<1	<1	2.1
MAS-M21-SW	2/27/2009	MOSP	M	21	3	<1	<1	<1	<1	2.4	<1	<1	2.4
MAS-M27-SW	2/27/2009	MOSP	M	27	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-M27-SW-TRS	4/22/2009	MOSP	M	27	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-M33-SW	3/2/2009	MOSP	M	33	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-M39-SW	3/2/2009	MOSP	M	39	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-N11-SW	2/27/2009	MOSP	N	11	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-N15-SW	2/27/2009	MOSP	N	15	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-N15-SW-TRS	4/22/2009	MOSP	N	15	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-N21-SW	2/27/2009	MOSP	N	21	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-N31-SW	3/2/2009	MOSP	N	31	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-N35-SW	3/2/2009	MOSP	N	35	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-N43-SW	3/2/2009	MOSP	N	43	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-P7-SW	5/6/2008	MOSP	P	7	5	<1	<1	<1	<1	1.5	<1	<1	1.5
MAS-P11-SW	2/27/2009	MOSP	P	11	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-P17-SW	2/27/2009	MOSP	P	17	10	<1	<1	<1	<1	5	<1	<1	5
MAS-P21-SW	5/6/2008	MOSP	P	21	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-P23-SW	2/27/2009	MOSP	P	23	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-P23-SW-TRS	4/22/2009	MOSP	P	23	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-P27-SW	2/27/2009	MOSP	P	27	3	<1	<1	<1	<1	<1	<1	<1	<1

Table A-4

Main Building Overhead Painted Steel Wipe Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 ug/100cm2	Aroclor-1221 ug/100cm2	Aroclor-1232 ug/100cm2	Aroclor-1242 ug/100cm2	Aroclor-1248 ug/100cm2	Aroclor-1254 ug/100cm2	Aroclor-1260 ug/100cm2	Total PCBs ug/100cm2
MAS-P27-SW-TRS	4/22/2009	MOSP	P	27	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-P33-SW	3/2/2009	MOSP	P	33	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-P35-SW	5/6/2008	MOSP	P	35	5	<1	<1	<1	<1	<1	<1	<1	<1
MAS-Q35-SW	3/2/2009	MOSP	Q	35	3	<1	<1	<1	<1	<1	<1	<1	<1

Table A-5

Main Building Overhead Unpainted Steel Residue Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-D21-SL	2/26/2009	MOSU	D	21	900	<30	<30	<30	<30	120	<30	240	360
MAS-E35-SL	2/26/2009	MOSU	E	35	10	<1	<1	<1	<1	3	<1	<1	3
MAS-F25-SL	2/26/2009	MOSU	F	25	100	<5	<5	<5	<5	40	<5	<5	40
MAS-L15-SL	2/27/2009	MOSU	L	15	5	<1	<1	<1	<1	3.5	<1	<1	3.5

Table A-6

Main Building Unpainted Overhead Steel Wipe Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 ug/100cm2	Aroclor-1221 ug/100cm2	Aroclor-1232 ug/100cm2	Aroclor-1242 ug/100cm2	Aroclor-1248 ug/100cm2	Aroclor-1254 ug/100cm2	Aroclor-1260 ug/100cm2	Total PCBs ug/100cm2
MAS-Rail-C11-SW	5/5/2008	MOSU	C	11	100	<10	<10	<10	<10	100	<10	<10	100
MAS-Rail-J15-SW	5/5/2008	MOSU	J	15	100	<100	<100	<100	<100	500	<100	<100	500

Table A-7

Main Building Crusher Pit Unpainted Steel Wipe Sample

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 ug/100cm2	Aroclor-1221 ug/100cm2	Aroclor-1232 ug/100cm2	Aroclor-1242 ug/100cm2	Aroclor-1248 ug/100cm2	Aroclor-1254 ug/100cm2	Aroclor-1260 ug/100cm2	Total PCBs ug/100cm2
MAS-CrusherPit-SW	5/7/2008	MPSU	Q	33	3	<1	<1	<1	<1	2.1	<1	<1	2.1

Table A-8

Main Building Unpainted Floor Slab Concrete Core Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Depth (Inches)	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-B11-CC	0 - 3	5/2/2008	MS	B	11	10	<0.33	<0.33	<0.33	<0.33	0.8	<0.33	<0.33	0.8
MAS-B25-CC	0 - 3	5/2/2008	MS	B	25	20000	<200	<200	<200	<200	2,000	<200	<200	2,000
MAS-B33-CC	0 - 3	5/1/2008	MS	B	33	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-B37-CC	0 - 3	5/1/2008	MS	B	37	10	<0.33	<0.33	<0.33	<0.33	0.4	<0.33	<0.33	0.4
MAS-B53-CC	0 - 0.4	2/24/2009	MS	B	53	20	<0.33	<0.33	<0.33	<0.33	1.2	<0.33	<0.33	1.2
MAS-C1-CC	0 - 0.4	2/25/2009	MS	C	1	200	<2	<2	<2	<2	9	<2	<2	9
MAS-C27-CC	0 - 3	5/1/2008	MS	C	27	1000	<20	<20	<20	<20	260	<20	<20	260
MAS-C43-CC	0 - 3	5/1/2008	MS	C	43	276	<0.33	<0.33	<0.33	<0.33	0.5	<0.33	<0.33	0.5
MAS-D5-CC	0 - 3	5/1/2008	MS	D	5	10	<0.33	<0.33	<0.33	<0.33	0.7	<0.33	<0.33	0.7
MAS-D35-CC	0 - 3	5/1/2008	MS	D	35	342	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-E21-CC	0 - 3	5/1/2008	MS	E	21	1000	<10	<10	<10	<10	120	<10	<10	120
MAS-E45-CC	0 - 0.4	2/26/2009	MS	E	45	30	<0.33	<0.33	<0.33	<0.33	24	<0.33	<0.33	24
	0 - 10	2/26/2009	MS	E	45	10	<0.33	<0.33	<0.33	<0.33	1	<0.33	<0.33	1
MAS-F9-CC		5/1/2008	MS	F	9	5000	<50	<50	<50	<50	550	<50	<50	550
MAS-FF3-CC	0 - 0.4	2/26/2009	MS	FF	3	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-G37-CC	0 - 0.4	2/24/2009	MS	G	37	10	<0.33	<0.33	<0.33	<0.33	0.7	<0.33	<0.33	0.7
MAS-G41-CC	0 - 0.4	2/24/2009	MS	G	41	50	<0.5	<0.5	<0.5	<0.5	4	<0.5	<0.5	4
MAS-G43-CC		5/1/2008	MS	G	43	5	<0.33	<0.33	<0.33	<0.33	0.6	<0.33	<0.33	0.6
MAS-J9-CC	0 - 3	5/1/2008	MS	J	9	50	<1	<1	<1	<1	8	<1	<1	8
MAS-J39-CC	0 - 3	5/1/2008	MS	J	39	325	<5	<5	<5	<5	8	<5	<5	8
MAS-K33-CC	0 - 0.4	2/24/2009	MS	K	33	10	<0.33	<0.33	<0.33	<0.33	1	<0.33	<0.33	1
MAS-K43-CC	0 - 0.4	2/24/2009	MS	K	43	10	<0.33	<0.33	<0.33	<0.33	0.4	<0.33	<0.33	0.4
MAS-L29-CC	0 - 3	5/1/2008	MS	L	29	10	<0.33	<0.33	<0.33	<0.33	0.7	<0.33	<0.33	0.7
MAS-M37-CC	0 - 0.4	2/24/2009	MS	M	37	3	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-N15-CC	0 - 3	5/1/2008	MS	N	15	50	<0.5	<0.5	<0.5	<0.5	1.5	<0.5	<0.5	1.5
MAS-N29-CC	0 - 0.4	2/24/2009	MS	N	29	10	<0.33	<0.33	<0.33	<0.33	0.5	<0.33	<0.33	0.5
MAS-N43-CC	0 - 3	5/1/2008	MS	N	43	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-P7-CC	0 - 3	5/1/2008	MS	P	7	342	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-Q35-CC	0 - 0.4	2/24/2009	MS	Q	35	1	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33

Table A-9

Main Building Unpainted Floor Slab Wipe Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 ug/100cm2	Aroclor-1221 ug/100cm2	Aroclor-1232 ug/100cm2	Aroclor-1242 ug/100cm2	Aroclor-1248 ug/100cm2	Aroclor-1254 ug/100cm2	Aroclor-1260 ug/100cm2	Total PCBs ug/100cm2
MAS-B19-SW-FLR	4/23/2009	MS	B	19	1	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]
MAS-B51-SW-FLR	4/22/2009	MS	B	51	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-C1-SW-FLR	4/22/2009	MS	C	1	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-C5-SW-FLR	4/22/2009	MS	C	5	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-D49-SW-FLR	4/22/2009	MS	D	49	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-E5-SW-FLR	4/22/2009	MS	E	5	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-E45-SW-FLR	4/22/2009	MS	E	45	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-F39-SW-FLR	4/22/2009	MS	F	39	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-G39-SW-FLR	4/22/2009	MS	G	39	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-H31-SW-FLR	4/21/2009	MS	H	31	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-H33-SW-FLR	4/21/2009	MS	H	33	3	<1	<1	<1	<1	2.4	1	<1	3.4
MAS-H39-SW-FLR	4/21/2009	MS	H	39	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-J35-SW-FLR	4/21/2009	MS	J	35	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-J41-SW-FLR	4/21/2009	MS	J	41	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-J45-SW-FLR	4/21/2009	MS	J	45	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-L29-SW-FLR	4/21/2009	MS	L	29	3	<1	<1	<1	<1	1.7	1.4	<1	3.1
MAS-L33-SW-FLR	4/21/2009	MS	L	33	3	<1	<1	<1	<1	<1	<1	<1	<1

Table A-10

Main Building Closed Pit Bottom Concrete Core Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Depth (Inches)	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-L7PIT-CC	0 - 1	3/5/2009	MSCP	L	7	20	<0.33	<0.33	<0.33	<0.33	1.4	<0.33	<0.33	1.4
	1 - 3	3/5/2009	MSCP	L	7	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	3 - 5	3/5/2009	MSCP	L	7	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	5 - 8	3/5/2009	MSCP	L	7	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-L23PIT-CC	0 - 3	3/5/2009	MSCP	L	23	3000	<30	<30	<30	<30	210	<30	<30	210
	3 - 7	3/5/2009	MSCP	L	23	10	<0.33	<0.33	<0.33	0.7	<0.33	<0.33	<0.33	0.7
	7 - 9	3/5/2009	MSCP	L	23	300	<3	<3	<3	27	<3	<3	<3	27
MAS-M7PIT-CC	0 - 3	3/4/2009	MSCP	M	7	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	3 - 6	3/4/2009	MSCP	M	7	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	6 - 9	3/4/2009	MSCP	M	7	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-M9PIT-CC	0 - 2	3/4/2009	MSCP	M	9	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	2 - 3	3/4/2009	MSCP	M	9	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	3 - 5	3/4/2009	MSCP	M	9	100	<1	<1	<1	<1	7	<1	<1	7
	5 - 9	3/4/2009	MSCP	M	9	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-M11PIT-CC	0 - 1	3/4/2009	MSCP	M	11	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	1 - 3	3/4/2009	MSCP	M	11	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	3 - 5	3/4/2009	MSCP	M	11	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	5 - 7	3/4/2009	MSCP	M	11	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	7 - 9	3/4/2009	MSCP	M	11	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-M17PIT-CC	0 - 1	3/5/2009	MSCP	M	17	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	1 - 2	3/5/2009	MSCP	M	17	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	2 - 4	3/5/2009	MSCP	M	17	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
	4 - 8	3/5/2009	MSCP	M	17	10	<0.33	<0.33	<0.33	<0.33	0.33	<0.33	<0.33	0.33

Table A-11

Main Building Epoxy Coated Floor Slab Concrete Core Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Depth (Inches)	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-B17-CC	0 - 0.4	2/25/2009	MSE	B	17	5	<0.33	<0.33	<0.33	<0.33	0.45	<0.33	<0.33	0.45
MAS-B21-CC	0 - 0.4	2/25/2009	MSE	B	21	1000	<10	<10	<10	<10	60	<10	<10	60
	0 - 3	5/2/2008	MSE	B	21	100	<1	<1	<1	<1	8	<1	<1	8
	0 - 10	2/25/2009	MSE	B	21	1000	<10	<10	<10	<10	60	<10	<10	60
MAS-B23N-CC	0 - 0.4	2/27/2009	MSE	B	23	2000	<20	<20	<20	<20	80	<20	<20	80
	0 - 4	2/27/2009	MSE	B	23	3000	<30	<30	<30	<30	150	<30	<30	150
MAS-B23S-CC	0 - 0.4	2/27/2009	MSE	B	23	2000	<20	<20	<20	<20	92	<20	<20	92
	0 - 4	2/27/2009	MSE	B	23	1000	<10	<10	<10	<10	30	<10	<10	30
MAS-B29-CC	0 - 0.4	2/24/2009	MSE	B	29	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-C17-CC	0 - 0.4	2/25/2009	MSE	C	17	200000	<2,000	<2,000	<2,000	<2,000	20,000	<2,000	<2,000	20,000
	0 - 10	2/25/2009	MSE	C	17	5000000	<50,000	<50,000	<50,000	<50,000	250,000	<50,000	<50,000	250,000
MAS-CC7-CC	0 - 0.4	2/26/2009	MSE	CC	7	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-D15-CC	0 - 3	5/1/2008	MSE	D	15	50000	<500	<500	<500	<500	6,000	<500	<500	6,000
MAS-D17-CC	0 - 0.4	2/25/2009	MSE	D	17	10000	<100	<100	<100	<100	600	<100	<100	600
	0 - 10	2/25/2009	MSE	D	17	20000	<200	<200	<200	<200	1,000	<200	<200	1,000
MAS-D21-CC	0 - 0.4	2/25/2009	MSE	D	21	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-D27-CC	0 - 0.4	2/25/2009	MSE	D	27	1000	<10	<10	<10	<10	80	<10	<10	80
	0 - 10	2/25/2009	MSE	D	27	100	<1	<1	<1	<1	4.6	<1	<1	4.6
MAS-D31-CC	0 - 0.4	2/24/2009	MSE	D	31	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-E9-CC	0 - 0.4	2/25/2009	MSE	E	9	10000	<100	<100	<100	<100	900	<100	<100	900
	0 - 10	2/25/2009	MSE	E	9	5000	<50	<50	<50	<50	450	<50	<50	450
MAS-E17-CC	0 - 0.4	2/25/2009	MSE	E	17	200000	<2,000	<2,000	<2,000	<2,000	14,000	<2,000	<2,000	14,000
	0 - 10	2/25/2009	MSE	E	17	1000000	<10,000	<10,000	<10,000	<10,000	100,000	<10,000	<10,000	100,000
MAS-E23-CC	0 - 0.4	2/25/2009	MSE	E	23	30000	<300	<300	<300	<300	1,500	<300	<300	1,500
	0 - 10	2/25/2009	MSE	E	23	10000	<100	<100	<100	<100	400	<100	<100	400
MAS-E27-CC	0 - 0.4	2/25/2009	MSE	E	27	30000	<300	<300	<300	<300	1,200	<300	<300	1,200
	0 - 10	2/25/2009	MSE	E	27	10000	<100	<100	<100	<100	350	<100	<100	350
MAS-F1-CC	0 - 0.4	2/25/2009	MSE	F	1	50	<0.5	<0.5	<0.5	<0.5	3.5	<0.5	<0.5	3.5
MAS-F3-CC	0 - 0.4	2/25/2009	MSE	F	3	500	<5	<5	<5	<5	18	<5	<5	18
MAS-F13-CC	0 - 0.4	2/26/2009	MSE	F	13	100000	<1,000	<1,000	<1,000	<1,000	5,000	<1,000	<1,000	5,000
	0 - 10	2/26/2009	MSE	F	13	30000	<300	<300	<300	<300	1,500	<300	<300	1,500
MAS-F21-CC	0 - 0.4	2/24/2009	MSE	F	21	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-F25-CC	0 - 0.4	2/25/2009	MSE	F	25	50000	<500	<500	<500	<500	2,000	<500	<500	2,000
	0 - 10	2/25/2009	MSE	F	25	5000	<50	<50	<50	<50	350	<50	<50	350
MAS-F31-CC	0 - 0.4	2/24/2009	MSE	F	31	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-G3-CC	0 - 0.4	2/26/2009	MSE	G	3	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-G9-CC	0 - 0.4	2/24/2009	MSE	G	9	2000	<20	<20	<20	<20	140	<20	<20	140
	0 - 10	2/24/2009	MSE	G	9	2000	<20	<20	<20	<20	140	<20	<20	140
	1 - 2	3/2/2009	MSE	G	9	5000	<50	<50	<50	<50	300	<50	<50	300
MAS-G15-CC	0 - 0.4	2/24/2009	MSE	G	15	10	<0.33	<0.33	<0.33	<0.33	0.36	<0.33	<0.33	0.36
MAS-G27-CC	0 - 0.4	2/24/2009	MSE	G	27	10	<0.33	<0.33	<0.33	<0.33	0.34	<0.33	<0.33	0.34
MAS-H5-CC	0 - 3	5/1/2008	MSE	H	5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33

Table A-11

Main Building Epoxy Coated Floor Slab Concrete Core Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Depth (Inches)	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-H15-CC	0 - 3	5/1/2008	MSE	H	15	500	<10	<10	<10	<10	160	<10	<10	160
MAS-H21-CC	0 - 3	5/1/2008	MSE	H	21	500	<10	<10	<10	<10	120	<10	<10	120
MAS-J1-CC	0 - 0.4	2/26/2009	MSE	J	1	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-J5-CC	0 - 0.4	2/26/2009	MSE	J	5	1000	<10	<10	<10	<10	40	<10	<10	40
MAS-J17-CC	0 - 0.4	2/24/2009	MSE	J	17	200	<2	<2	<2	<2	10	<2	<2	10
MAS-J25-CC	0 - 3	5/1/2008	MSE	J	25	10	<0.33	<0.33	<0.33	<0.33	0.33	<0.33	<0.33	0.33
MAS-JJ15-CC	0 - 0.4	2/25/2009	MSE	JJ	15	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-K9-CC	0 - 0.4	2/24/2009	MSE	K	9	10000	<100	<100	<100	<100	400	<100	<100	400
	0 - 10	2/24/2009	MSE	K	9	2000	<20	<20	<20	<20	80	<20	<20	80
	1 - 2	3/2/2009	MSE	K	9	10000	<100	<100	<100	<100	500	<100	<100	500
MAS-K15-CC	0 - 0.4	2/24/2009	MSE	K	15	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-K19-WC (CC)	0 - 3	5/1/2008	MSE	K	19	342	<0.5	<0.5	<0.5	<0.5	3.5	<0.5	<0.5	3.5
MAS-K27-CC	0 - 0.4	2/24/2009	MSE	K	27	500	<5	<5	<5	<5	25	<5	<5	25
	0 - 10	2/24/2009	MSE	K	27	50	<0.5	<0.5	<0.5	<0.5	3	<0.5	<0.5	3
	1 - 2	3/2/2009	MSE	K	27	200	<2	<2	<2	<2	16	<2	<2	16
MAS-L1-CC	0 - 0.4	2/26/2009	MSE	L	1	10	<0.33	<0.33	<0.33	<0.33	0.4	<0.33	<0.33	0.4
MAS-L5-CC	0 - 0.4	2/24/2009	MSE	L	5	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-L13-WC (CC)	0 -	5/1/2008	MSE	L	13	1000	<20	<20	<20	<20	60	<20	<20	60
MAS-L19-CC	0 - 0.4	2/24/2009	MSE	L	19	10	<0.33	<0.33	<0.33	<0.33	0.5	<0.33	<0.33	0.5
MAS-L25-CC	0 - 0.4	2/24/2009	MSE	L	25	100000	<1,000	<1,000	<1,000	<1,000	5,000	<1,000	<1,000	5,000
	0 - 10	2/24/2009	MSE	L	25	30000	<300	<300	<300	<300	2,100	<300	<300	2,100
	1 - 2	3/2/2009	MSE	L	25	40000	<400	<400	<400	<400	4,000	<400	<400	4,000
MAS-M3-CC	0 - 0.4	2/24/2009	MSE	M	3	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-M23-CC	0 - 0.4	2/24/2009	MSE	M	23	5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-NN1-CC	0 - 0.4	2/25/2009	MSE	NN	1	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33

Table A-12

Main Building Epoxy Coated Floor Slab Wipe Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 ug/100cm2	Aroclor-1221 ug/100cm2	Aroclor-1232 ug/100cm2	Aroclor-1242 ug/100cm2	Aroclor-1248 ug/100cm2	Aroclor-1254 ug/100cm2	Aroclor-1260 ug/100cm2	Total PCBs ug/100cm2
MAS-B5-SW-FLR	4/22/2009	MSE	B	5	3	<1	<1	<1	<1	1.8	1	<1	2.8
MAS-B21-SW-FLR	4/23/2009	MSE	B	21	1	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]
MAS-B23-SW-FLR	4/23/2009	MSE	B	23	1	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [1]	<1 [<1]	<1 [<1]	<1 [1]
MAS-C9-SW-FLR	4/22/2009	MSE	C	9	2	<1	<1	<1	<1	1.2	<1	<1	1.2
MAS-C25-SW-FLR	4/23/2009	MSE	C	25	1	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]
MAS-C27-SW-FLR	4/22/2009	MSE	C	27	2	<1	<1	<1	<1	1	<1	<1	1
MAS-C29-SW-FLR	4/22/2009	MSE	C	9	2	<1	<1	<1	<1	<1	<1	<1	<1
MAS-D15-SW-FLR	4/22/2009	MSE	D	15	6	<1	<1	<1	<1	5.4	2.4	<1	7.8
MAS-D17-SW-FLR	4/22/2009	MSE	D	17	2	<1	<1	<1	<1	1	<1	<1	1
MAS-D27-SW-FLR	4/22/2009	MSE	D	27	20	<2	<2	<2	<2	20	12	<2	32
MAS-E9-SW-FLR	4/22/2009	MSE	E	9	2	<1	<1	<1	<1	1	<1	<1	1
MAS-E19-SW-FLR	4/22/2009	MSE	E	19	100	<10	<10	<10	<10	78	32	<10	110
MAS-E23-SW-FLR	4/22/2009	MSE	E	23	3	<1	<1	<1	<1	1.5	1	<1	2.5
MAS-E27-SW-FLR	4/22/2009	MSE	E	27	10	<1	<1	<1	<1	9	5	<1	14
MAS-F1-SW-FLR	4/21/2009	MSE	F	1	9	<1	<1	<1	<1	6.8	3.2	<1	10
MAS-F3-SW-FLR	4/21/2009	MSE	F	3	9	<1	<1	<1	<1	6.3	3.6	<1	9.9
MAS-F13-SW-FLR	4/22/2009	MSE	F	13	6	<1	<1	<1	<1	4.8	2.4	<1	7.2
MAS-F17-SW-FLR	4/22/2009	MSE	F	17	6	<1	<1	<1	<1	5.4	2.4	<1	7.8
MAS-F25-SW-FLR	4/22/2009	MSE	F	25	20	<2	<2	<2	<2	8	4	<2	12
MAS-F27-SW-FLR	4/22/2009	MSE	F	27	5	<1	<1	<1	<1	2	1	<1	3
MAS-G3-SW-FLR	4/21/2009	MSE	G	3	3	<1	<1	<1	<1	1	<1	<1	1
MAS-G21-SW-FLR	4/21/2009	MSE	G	21	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-G27-SW-FLR	4/22/2009	MSE	G	27	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-H9-SW-FLR	4/21/2009	MSE	H	9	6	<1	<1	<1	<1	3.6	2.4	<1	6
MAS-H11-SW-FLR	4/21/2009	MSE	H	11	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-H15-SW-FLR	4/21/2009	MSE	H	15	9	<1	<1	<1	<1	6.3	2.7	<1	9
MAS-H17-SW-FLR	4/21/2009	MSE	H	17	3	<1	<1	<1	<1	3	1.2	<1	4.2
MAS-H23-SW-FLR	4/21/2009	MSE	H	23	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-J3-SW-FLR	4/21/2009	MSE	J	3	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-J5-SW-FLR	4/21/2009	MSE	J	5	3	<1	<1	<1	<1	1.2	<1	<1	1.2
MAS-J11-SW-FLR	4/21/2009	MSE	J	11	3	<1	<1	<1	<1	1	<1	<1	1
MAS-J17-SW-FLR	4/21/2009	MSE	J	17	3	<1	<1	<1	<1	1.2	<1	<1	1.2
MAS-J25-SW-FLR	4/21/2009	MSE	J	25	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-K9-SW-FLR	4/21/2009	MSE	K	9	3	<1	<1	<1	<1	1.5	<1	<1	1.5
MAS-K21-SW-FLR	4/21/2009	MSE	K	21	9	<1	<1	<1	<1	6.3	3.6	<1	9.9
MAS-K27-SW-FLR	4/21/2009	MSE	K	27	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-L17-SW-FLR	4/21/2009	MSE	L	17	3	<1	<1	<1	<1	1.5	<1	<1	1.5
MAS-L25-SW-FLR	4/21/2009	MSE	L	25	6	<1	<1	<1	<1	5.1	3	<1	8.1
MAS-M3-SW-FLR	4/21/2009	MSE	M	3	3	<1	<1	<1	<1	1.2	<1	<1	1.2
MAS-M7-SW-FLR	4/21/2009	MSE	M	7	3	<1	<1	<1	<1	<1	<1	<1	<1

Table A-12

Main Building Epoxy Coated Floor Slab Wipe Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 ug/100cm2	Aroclor-1221 ug/100cm2	Aroclor-1232 ug/100cm2	Aroclor-1242 ug/100cm2	Aroclor-1248 ug/100cm2	Aroclor-1254 ug/100cm2	Aroclor-1260 ug/100cm2	Total PCBs ug/100cm2
MAS-N5-SW-FLR	4/21/2009	MSE	N	5	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-N11-SW-FLR	4/21/2009	MSE	N	11	3	<1	<1	<1	<1	1	<1	<1	1
MAS-N21-SW-FLR	4/21/2009	MSE	N	21	3	<1	<1	<1	<1	1.8	1.5	<1	3.3
MAS-N27-SW-FLR	4/21/2009	MSE	N	27	5	<1	<1	<1	<1	2	1	<1	3
MAS-P11-SW-FLR	4/21/2009	MSE	P	11	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-P15-SW-FLR	4/21/2009	MSE	P	15	3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-P23-SW-FLR	4/21/2009	MSE	P	23	3	<1	<1	<1	<1	<1	<1	<1	<1

Table A-13

Main Building Wood Block Flooring Sample

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Depth (Inches)	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-WoodF5-SD	0 - 2	5/7/2008	MSWB	F	5	1000	<20	<20	<20	<20	374	<20	<20	374

Table A-14

Main Building Block Wall Core Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Depth (Inches)	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-AA7WALL-BR	0 - 3	2/25/2009	MWB	AA	7	20	<0.33	<0.33	<0.33	<0.33	1.2	<0.33	<0.33	1.2
MAS-B19WALL-CC	0 - 3	2/25/2009	MWB	B	19	200	<2	<2	<2	8	<2	<2	<2	8
MAS-B19-WC	0 - 3	5/2/2008	MWB	B	19	321	<0.5	<0.5	<0.5	<0.5	2	<0.5	<0.5	2
MAS-B20WALL-CC	0 - 3	2/25/2009	MWB	B	20	20	<0.33	<0.33	<0.33	<0.33	1.4	<0.33	<0.33	1.4
MAS-B24WALLN-BR	0 - 3	2/26/2009	MWB	B	24	10	<0.33	<0.33	<0.33	<0.33	0.35	<0.33	<0.33	0.35
MAS-B24WALLS-BR	0 - 3	2/26/2009	MWB	B	24	10	<0.33	<0.33	<0.33	<0.33	0.5	<0.33	<0.33	0.5
MAS-C43WALL-CC	0 - 3	2/25/2009	MWB	C	43	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-DD4WALL-BR	0 - 3	2/25/2009	MWB	DD	4	50	<0.5	<0.5	<0.5	<0.5	2	<0.5	<0.5	2
MAS-HH12-WALL-BR	0 - 3	2/26/2009	MWB	HH	12	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-J1WALL-CC	0 - 3	2/25/2009	MWB	J	1	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-JJ17WALL-BR	0 - 3	2/25/2009	MWB	JJ	17	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33

Table A-15

Main Building Concrete Wall Core Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Depth (Inches)	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-M1WALL-CC	0 - 4	2/25/2009	MWC	M	1	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-M5WALL-CC	0 - 4	2/25/2009	MWC	M	5	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-N41WALL-CC	0 - 4	2/25/2009	MWC	N	41	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-N45WALL-CC	0 - 4	2/25/2009	MWC	N	45	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-N7WALL-CC	0 - 4	2/25/2009	MWC	N	7	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-Q7-WC	0 - 3	5/1/2008	MWC	Q	7	338	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33

Table A-16

Main Building Painted Wall Wipe Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 ug/100cm2	Aroclor-1221 ug/100cm2	Aroclor-1232 ug/100cm2	Aroclor-1242 ug/100cm2	Aroclor-1248 ug/100cm2	Aroclor-1254 ug/100cm2	Aroclor-1260 ug/100cm2	Total PCBs ug/100cm2
MAS-B19-SW-WLL	4/23/2009	MWP	B	19	1	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]
MAS-B20-SW-WLL	4/23/2009	MWP	B	20		<1	<1	<1	<1	<1	<1	<1	<1
MAS-C25-SW-WLL	4/23/2009	MWP	C	25	1	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]	<1 [<1]

Table A-17

Out Building Floor Slab Concrete Core Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Depth (Inches)	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-90DayStorage-1-CC	0 - 3	5/2/2008	OBS			50	<0.5	<0.5	<0.5	<0.5	5	<0.5	<0.5	5
MAS-BlueSWPumpHouse-1-CC	0 - 3	5/2/2008	OBS			10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-ClarifierPumpHouse-1-CC	0 - 3	5/2/2008	OBS			5	<0.33	<0.33	<0.33	<0.33	0.35	<0.33	<0.33	0.35
MAS-GreenPumpHouse-1-CC	0 - 3	5/2/2008	OBS			100	<1	<1	<1	<1	10	<1	<1	10
MAS-WastewaterBldg-1-CC	0 - 3	5/2/2008	OBS			50	<0.33	<0.33	<0.33	<0.33	0.6	<0.33	<0.33	0.6

Table A-18

Out Building Pit Concrete Core Sample

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Depth (Inches)	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-OWPIT-CC	0 - 3	5/7/2008	OBS			263	<0.33	<0.33	<0.33	<0.33	1	<0.33	<0.33	1

Table A-19

Out Building Steel Paint Chip Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-90DAY-Paint	3/2/2009	OBSP			3	<1	<1	<1	<1	1.2	<1	<1	1.2
MAS-WWT-Paint	3/2/2009	OBSP			10	<1	<1	<1	<1	4	<1	<1	4

Table A-20

Out Building Steel Wipe Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 ug/100cm2	Aroclor-1221 ug/100cm2	Aroclor-1232 ug/100cm2	Aroclor-1242 ug/100cm2	Aroclor-1248 ug/100cm2	Aroclor-1254 ug/100cm2	Aroclor-1260 ug/100cm2	Total PCBs ug/100cm2
MAS-90DAY-SW	3/2/2009	OBSP			3	<1	<1	<1	<1	<1	<1	<1	<1
MAS-WWT-SW	3/2/2009	OBSP			3	<1	<1	<1	<1	1.8	<1	<1	1.8

Table A-21

Out Building Wall Core Sample

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-NWallWWBldg-1-WC	5/2/2008	OBW			10	<0.33	<0.33	<0.33	<0.33	1	<0.33	<0.33	1

Table A-22

Process Sewer Manhole Sediment/Sludge Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-OilWaste-1-SL	5/5/2008	PSM	B	21	10000	<200	<200	<200	<200	2,000	<200	<200	2,000
MAS-OilWaste-3-SL	5/5/2008	PSM	C	47	219	<0.33	<0.33	<0.33	<0.33	0.5	<0.33	<0.33	0.5

Table A-23

Process Sewer Manhole Wastewater Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/L	Aroclor-1221 mg/L	Aroclor-1232 mg/L	Aroclor-1242 mg/L	Aroclor-1248 mg/L	Aroclor-1254 mg/L	Aroclor-1260 mg/L	Total PCBs mg/L
MAS-Indust.Waste-1-SL	5/5/2008	PSM	B	21	100	<0.01	<0.01	<0.01	<0.01	0.2	<0.01	<0.01	0.2
MAS-MWR-1-SL	5/6/2008	PSM	C	47	3	<0.0003	<0.0003	<0.0003	<0.0003	0.002	<0.0003	<0.0003	0.002
MAS-MWR-2-SL	5/6/2008	PSM	P	35	3	<0.0003	<0.0003	<0.0003	<0.0003	0.002	<0.0003	<0.0003	0.002
MAS-OilWaste-2-SL	5/5/2008	PSM	C	22	10000	<1.3	<1.3	<1.3	<1.3	12	<1.3	<1.3	12

Table A-24

Main Building Roofing Core Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-C35ROOF-SD	3/2/2009	R	C	35	10	<1	<1	<1	<1	<1	<1	<1	<1
MAS-K41ROOF-SD	3/2/2009	R	K	41	10	<1	<1	<1	<1	<1	<1	<1	<1
MAS-Roof1-BM	5/1/2008	R	L	7	10	<1	<1	<1	<1	<1	<1	<1	<1
MAS-Roof2-BM	5/1/2008	R	L	22	250	<1	<1	<1	<1	<1	<1	<1	<1
MAS-Roof3-BM	5/1/2008	R	J	33	10	<1	<1	<1	<1	1.6	<1	<1	1.6
MAS-Roof4-BM	5/1/2008	R	M	37	10	<1	<1	<1	1	<1	<1	<1	1
MAS-Roof5-BM	5/1/2008	R	E	41	10	<0.33	<0.33	<0.33	<0.33	0.8	<0.33	<0.33	0.8
MAS-Roof6-BM	5/1/2008	R	C	27	10	<0.33	<0.33	<0.33	<0.33	0.8	<0.33	<0.33	0.8

Table A-25

Railroad Bed Gravel Ballast Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-Ballast1-SD	5/7/2008	RRB			10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-Ballast2-SD	5/7/2008	RRB			10	<0.33	<0.33	<0.33	<0.33	0.5	<0.33	<0.33	0.5
MAS-Ballast3-SD	5/7/2008	RRB			10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33

Table A-26

Railroad Ties Wood Core Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-Track1-SD	5/7/2008	RRT			10	<0.33	<0.33	<0.33	0.4	<0.33	<0.33	<0.33	0.4
MAS-Track2-SD	5/7/2008	RRT			10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-Track3-SD	5/7/2008	RRT			10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33

Table A-27

Roof Substation and Penthouse Slab Concrete Core Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Depth (Inches)	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-SUB4-5-6Roof-CC	0 - 3	5/5/2008	RS	G	19	100	<1	<1	<1	<1	19	<1	7	26
MAS-SUB7-8-13Roof-CC	0 - 3	5/5/2008	RS	N	25	100	<1	<1	<1	<1	6	<1	<1	6
MAS-SUBC39-CC	0 - 0.4	2/26/2009	RS	C	39	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-SUBJ39-CC	0 - 0.4	2/26/2009	RS	J	39	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-SUBQ33-CC	0 - 0.4	2/26/2009	RS	Q	33	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33

Table A-28

Roof Vent and Metal Stack Wipe Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 ug/100cm2	Aroclor-1221 ug/100cm2	Aroclor-1232 ug/100cm2	Aroclor-1242 ug/100cm2	Aroclor-1248 ug/100cm2	Aroclor-1254 ug/100cm2	Aroclor-1260 ug/100cm2	Total PCBs ug/100cm2
MAS-1299-9Roof-SW	5/1/2008	RV	L	7	3	<1	<1	<1	<1	1.5	<1	<1	1.5
MAS-E41Roof-SW	5/1/2008	RV	E	41	1	<1	<1	<1	<1	<1	<1	<1	<1
MAS-Heaterhouse-J15Roof-SW	5/5/2008	RV	J	15	3	<1	<1	<1	<1	2	<1	<1	2
MAS-Heaterhouse-N11Roof-SW	5/5/2008	RV	N	11	1	<1	<1	<1	<1	1.9	<1	<1	1.9
MAS-J33Roof-SW	5/1/2008	RV	J	33		<1	<1	<1	<1	0.9 J	<1	<1	0.9 J
MAS-K23Roof-SW	5/1/2008	RV	K	23	1	<1	<1	<1	<1	<1	<1	<1	<1

Table A-29

Sanitary Sewer Manhole Wastewater Sample

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/L	Aroclor-1221 mg/L	Aroclor-1232 mg/L	Aroclor-1242 mg/L	Aroclor-1248 mg/L	Aroclor-1254 mg/L	Aroclor-1260 mg/L	Total PCBs mg/L
MAS-Sanitary-1-SL	5/5/2008	SSM	B	21		<0.0001	<0.0001	<0.0001	0.0006	<0.0001	<0.0001	<0.0001	0.0006

Table A-30

Stormwater Manhole Stormwater Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/L	Aroclor-1221 mg/L	Aroclor-1232 mg/L	Aroclor-1242 mg/L	Aroclor-1248 mg/L	Aroclor-1254 mg/L	Aroclor-1260 mg/L	Total PCBs mg/L
MAS-Storm-1-SL	5/5/2008	SWM	B	21	3	<0.0003	<0.0003	<0.0003	<0.0003	0.0031	<0.0003	<0.0003	0.0031
MAS-Storm-2-SL	5/5/2008	SWM	K	9		<0.0001	<0.0001	<0.0001	<0.0001	0.0014	<0.0001	<0.0001	0.0014
MAS-Storm-3-SL	5/5/2008	SWM	K	43	3	<0.0003	<0.0003	<0.0003	<0.0003	0.004	<0.0003	<0.0003	0.004

Table A-31

Tunnel Conduit Metal Wipe Sample

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 ug/100cm2	Aroclor-1221 ug/100cm2	Aroclor-1232 ug/100cm2	Aroclor-1242 ug/100cm2	Aroclor-1248 ug/100cm2	Aroclor-1254 ug/100cm2	Aroclor-1260 ug/100cm2	Total PCBs ug/100cm2
MAS-Electrical-SW	5/2/2008	TC	E	21	1000	<100	<100	<100	<100	2,000	<100	<100	2,000

Table A-32

Tunnel Debris Sediment/Sludge Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-Debris-1-SD	5/2/2008	TD	D	1/20/1900	50000	<500	<500	<500	<500	5,000	<500	<500	5,000
MAS-Debris-2-SD	5/2/2008	TD	D	1/15/1900	3000	<30	<30	<30	<30	360	<30	<30	360
MAS-LargeDebris-2-SL	5/7/2008	TD	L	1/15/1900	3000	<30	<30	<30	<30	360	<30	<30	360
MAS-SmallDebris-3-SL	5/7/2008	TD	D	1/20/1900	20000	2,000	<400	<400	<400	<400	<400	<400	2,000
MAS-TunnelFloorDebris-1-SD	5/2/2008	TD	L	1/11/1900	1000	<10	<10	<10	<10	90	<10	<10	90
MAS-TunnelPipeDebris-1-SD	5/2/2008	TD	L	1/5/1900	1000	<10	<10	<10	<10	143	<10	<10	143

Table A-33

Tunnel Slab Concrete Core Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Depth (Inches)	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-LargeFloor-1-CC	0 - 3	5/2/2008	TS	M	4	100	<1	<1	<1	<1	12	<1	<1	12
MAS-LargeFloor-2-CC	0 - 3	5/2/2008	TS	K	9	500	<5	<5	<5	<5	25	<5	<5	25
MAS-LargeFloor-3-CC	0 - 3	5/2/2008	TS	M	17	250000	<2,500	<2,500	<2,500	<2,500	8,750	<2,500	<2,500	8,750
	2 - 3	3/16/2009	TS	M	17	10	<0.33	<0.33	<0.33	<0.33	0.9	<0.33	<0.33	0.9
	3.5 - 5.5	3/16/2009	TS	M	17	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-LargeFloor3-CC	0 - 0.4	3/5/2009	TS	M	17	3000	<30	<30	<30	<30	90	<30	<30	90
MAS-LargeFloor-4-CC	0 - 3	5/2/2008	TS	L	15	1000	<10	<0.33	<0.33	<0.33	90	<0.33	<0.33	90
MAS-LargeFloor4-CC	0 - 0.4	3/5/2009	TS	M	17	2000	<20	<20	<20	<20	120	<20	<20	120
MAS-LargeFloor-6-CC	0 - 0.4	2/25/2009	TS	M	5	100	<1	<1	<1	<1	6	<1	<1	6
MAS-LargeFloor-7-CC	0 - 0.4	2/25/2009	TS	M	15	3000	<30	<30	<30	<30	90	<30	<30	90
	2.5 - 4.5	3/16/2009	TS	M	15	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-LargeFloor-8-CC	0 - 0.4	2/25/2009	TS	L	25	100	<1	<1	<1	<1	5	<1	<1	5
	4 - 6	3/16/2009	TS	L	25	10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-LargeFloor9-CC	0 - 0.4	3/5/2009	TS	M	19	10000	<100	<100	<100	<100	400	<100	<100	400
MAS-LargeFloor10-CC	0 - 0.4	3/5/2009	TS	M	11	50	<0.5	<0.5	<0.5	<0.5	2	<0.5	<0.5	2
MAS-LargeFloor11-CC	0 - 0.4	3/5/2009	TS	M	9	100	<1	<1	<1	<1	6	<1	<1	6
MAS-Small Floor-6-CC	0 - 0.4	2/24/2009	TS	E	20	200000	<2,000	<2,000	<2,000	<2,000	10,000	<2,000	<2,000	10,000
MAS-Small Floor-7-CC	0 - 0.4	2/24/2009	TS	G	19	400000	<4,000	<4,000	<4,000	<4,000	24,000	<4,000	<4,000	24,000
	0 - 1.5	3/16/2009	TS	G	19	200000	<2,000	<2,000	<2,000	<2,000	10,000	<2,000	<2,000	10,000
	0 - 6	2/24/2009	TS	G	19	20000	<200	<200	<200	<200	1,400	<200	<200	1,400
	1.5 - 3	3/16/2009	TS	G	19	30000	<300	<300	<300	<300	1,200	<300	<300	1,200
	4 - 6	3/16/2009	TS	G	19	100	<1	<1	<1	<1	8	<1	<1	8
MAS-Small Floor-8-CC	0 - 0.4	2/24/2009	TS	H	17	200000	<2,000	<2,000	<2,000	<2,000	8,000	<2,000	<2,000	8,000
MAS-Small Floor-9-CC	0 - 0.4	2/24/2009	TS	E	17	400000	<4,000	<4,000	<4,000	<4,000	32,000	<4,000	<4,000	32,000
	0 - 6	2/24/2009	TS	E	17	50000	<500	<500	<500	<500	5,000	<500	<500	5,000
	2 - 4	3/16/2009	TS	E	17	20000	<200	<200	<200	<200	600	<200	<200	600
MAS-Small Floor-10-CC	0 - 0.4	2/24/2009	TS	E	15	200000	<2,000	<2,000	<2,000	<2,000	13,000	<2,000	<2,000	13,000
	3 - 5	3/16/2009	TS	E	15	30000	<300	<300	<300	<300	2,400	<300	<300	2,400
MAS-Small Floor-11-CC	0 - 0.4	2/24/2009	TS	H	15	100000	<1,000	<1,000	<1,000	<1,000	5,500	<1,000	<1,000	5,500
MAS-Small Floor-12-CC	0 - 0.4	2/24/2009	TS	H	13	100000	<1,000	<1,000	<1,000	<1,000	7,000	<1,000	<1,000	7,000
MAS-Small Floor-13-CC	0 - 0.4	2/24/2009	TS	E	13	100000	<1,000	<1,000	<1,000	<1,000	6,000	<1,000	<1,000	6,000
MAS-Small Floor-14-CC	0 - 0.4	2/24/2009	TS	C	25	100000	<1,000	<1,000	<1,000	<1,000	8,000	<1,000	<1,000	8,000
MAS-Small Floor-15-CC	0 - 0.4	2/24/2009	TS	E	23	5000	<50	<50	<50	<50	200	<50	<50	200
MAS-Small Floor-16-CC	0 - 0.4	2/24/2009	TS	E	21	100000	<1,000	<1,000	<1,000	<1,000	8,000	<1,000	<1,000	8,000
MAS-Small Floor-17-CC	0 - 0.4	2/24/2009	TS	F	23	100000	<1,000	<1,000	<1,000	<1,000	9,000	<1,000	<1,000	9,000
MAS-SmallFloor-1-CC	0 - 3	5/2/2008	TS	F	19	100000	<1,000	<1,000	<1,000	<1,000	6,000	<1,000	<1,000	6,000
MAS-SmallFloor-2-CC	0 - 3	5/2/2008	TS	D	19	100000	<1,000	<1,000	<1,000	<1,000	4,000	<1,000	<1,000	4,000
MAS-SmallFloor-3-CC	0 - 3	5/2/2008	TS	C	17	100000	<1,000	<1,000	<1,000	<1,000	4,000	<1,000	<1,000	4,000
MAS-SmallFloor-4-CC	0 - 3	5/2/2008	TS	C	19	100000	<1,000	<1,000	<1,000	<1,000	6,000	<1,000	<1,000	6,000
MAS-SmallFloor-5-CC	0 - 3	5/2/2008	TS	B	17	20000	<200	<200	<200	<200	2,000	<200	<200	2,000

Table A-34

Tunnel Wall Concrete Core Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Depth (Inches)	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-LargeWall-1-CC	0 - 3	5/2/2008	TW	L	4	100	<1	<1	<1	<1	7	<1	<1	7
MAS-LargeWall-2-CC	0 - 3	5/2/2008	TW	K	9	100	<1	<1	<1	<1	4	<1	<1	4
MAS-LargeWall-3-CC	0 - 3	5/2/2008	TW	M	17	5000	<50	<50	<50	<50	950	<50	<50	950
MAS-LargeWall-4-CC	0 - 3	5/2/2008	TW	L	15	216	<1	<1	<1	<1	6	<1	<1	6
MAS-LargeWall-6-CC	0 - 0.4	3/3/2009	TW	M	5	20	<0.33	<0.33	<0.33	<0.33	1.2	<0.33	<0.33	1.2
	0 - 8	2/25/2009				10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-LargeWall-7-CC	0 - 0.4	3/3/2009	TW	M	15	100	<1	<1	<1	<1	3	<1	<1	3
	0 - 8	2/25/2009				30	<0.33	<0.33	<0.33	<0.33	1.2	<0.33	<0.33	1.2
MAS-LargeWall-8-CC	0 - 0.4	3/3/2009	TW	L	25	5	<0.33	<0.33	<0.33	<0.33	0.33	<0.33	<0.33	0.33
	0 - 8	2/25/2009				10	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
MAS-Small Wall-6-CC	0 - 8	2/24/2009	TW	E	20	100	<1	<1	<1	<1	4	<1	<1	4
MAS-Small Wall-7-CC	0 - 0.4	3/3/2009	TW	G	19	2000	<20	<20	<20	<20	120	<20	<20	120
	0 - 8	2/24/2009				3000	<30	<30	<30	<30	300	<30	<30	300
MAS-Small Wall-8-CC	0 - 8	2/24/2009	TW	H	17	400	<4	<4	<4	<4	24	<4	<4	24
MAS-Small Wall-9-CC	0 - 0.4	3/3/2009	TW	E	17	500000	<5,000	<5,000	<5,000	<5,000	20,000	<5,000	<5,000	20,000
	0 - 8	2/24/2009				200000	<2,000	<2,000	<2,000	<2,000	16,000	<2,000	<2,000	16,000
MAS-Small Wall-10-CC	0 - 4	2/24/2009	TW	E	15	100000	<1,000	<1,000	<1,000	<1,000	6,500	<1,000	<1,000	6,500
MAS-Small Wall-11-CC	0 - 4	2/24/2009	TW	H	15	1000	<10	<10	<10	<10	40	<10	<10	40
MAS-Small Wall-12-CC	0 - 4	2/24/2009	TW	H	13	200	<2	<2	<2	<2	8	<2	<2	8
MAS-Small Wall-13-CC	0 - 0.4	3/3/2009	TW	E	13	100000	<1,000	<1,000	<1,000	<1,000	7,000	<1,000	<1,000	7,000
	0 - 4	2/24/2009				100000	<1,000	<1,000	<1,000	<1,000	7,000	<1,000	<1,000	7,000
MAS-Small Wall-14-CC	0 - 0.4	3/3/2009	TW	C	25	3000	<30	<30	<30	<30	300	<30	<30	300
	0 - 4	2/24/2009				1000	<10	<10	<10	<10	50	<10	<10	50
MAS-Small Wall-15-CC	0 - 4	2/24/2009	TW	E	23	200	<2	<2	<2	<2	16	<2	<2	16
MAS-Small Wall-16-CC	0 - 0.4	3/3/2009	TW	E	21	2000	<20	<20	<20	<20	100	<20	<20	100
	0 - 4	2/24/2009				1000	<10	<10	<10	<10	60	<10	<10	60
MAS-Small Wall-17-CC	0 - 4	2/24/2009	TW	F	23	200	<2	<2	<2	<2	20	<2	<2	20
MAS-SmallWall-1-CC	0 - 3	5/2/2008	TW	F	19	500	<10	<10	<10	<10	120	<10	<10	120
MAS-SmallWall-2-CC	0 - 3	5/2/2008	TW	D	19	100000	<1,000	<1,000	<1,000	<1,000	9,000	<1,000	<1,000	9,000
MAS-SmallWall-3-CC	0 - 3	5/2/2008	TW	C	17	10000	<100	<100	<100	<100	500	<100	<100	500
MAS-SmallWall-4-CC	0 - 3	5/2/2008	TW	C	19	50000	<500	<500	<500	<500	6,500	<500	<500	6,500
MAS-SmallWall-5-CC	0 - 3	5/2/2008	TW	B	18	1000	<10	<10	<10	<10	100	<10	<10	100

Table A-35

Main Building Ceiling Panel Samples

Summary of Analytrical Results for PCBs
General Motors Corporation
Massena Metals Casting Plant
Massena, New York

Location ID:	Date Collected	Category	Alpha	Numeric	Dilution Factor	Aroclor-1016 mg/kg	Aroclor-1221 mg/kg	Aroclor-1232 mg/kg	Aroclor-1242 mg/kg	Aroclor-1248 mg/kg	Aroclor-1254 mg/kg	Aroclor-1260 mg/kg	Total PCBs mg/kg
MAS-B19-SL	3/3/2009	MCP	B	19	500	<5	<5	<5	<5	25	<5	<5	25
MAS-C27-SL	3/3/2009	MCP	C	27	100	<1	<1	<1	<1	7	<1	<1	7
MAS-E27-SL	3/3/2009	MCP	E	27	100	<1	<1	<1	<1	5	<1	<1	5
MAS-G33-SL	3/3/2009	MCP	G	33	100	<1	<1	<1	<1	8	<1	<1	8