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Part C 4G-1

**Transmittal**

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**Date:** March 13, 2009

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**Project Number:** 10627.003.0/8
**Project Name:** Pechiney Cast Plate Facility (3200 Fruitland Avenue)

| Item | Description |
|---|---|
| 1 | CD – Polychlorinated Biphenyls (PCB) Notification Plan, Pechiney Cast Plate, Inc. Facility, Vernon, Californian |
| 2 | Revised Table 1 of the Plan<br>Also, additional PCB data for concrete and soil at the site are presented in the July 2008 Feasibility Study/Remedial Action Plan, Former Pechiney Cast Plate Facility, Vernon, CA |

**Remarks**

As requested, please find enclosed the items listed above.

If you have any questions, please call us at (949) 642-0245.
Sincerely yours,
AMEC GEOMATRIX, INC.

# TABLE 1
# (REVISED)

## SUMMARY OF AVAILABLE PCB SAMPLE RESULTS - ABOVEGROUND MATERIALS

Pechiney Cast Plate, Inc. Facility
Vernon, California

| Location ID on Figure | Sample No. in Chain of Custody | Type of Sample | Date Sampled | Date Analyzed | PCBs (mg/kg) | Material |
|---|---|---|---|---|---|---|
| **PREVIOUS INVESTIGATION** | | | | | | |
| **SAMPLES COLLECTED BY McCLULLEY, FRICK & GILMAN** | | | | | | |
| C-1 | Core-1 | Core | 7/16/1998 | 7/21/1998 | 6.70 | Concrete Floor |
| C-2 | Core-2 | Core | 7/16/1998 | 7/21/1998 | 0.073 | Concrete Floor |
| C-3 | Core-3 | Core | 7/16/1998 | 7/21/1998 | 71.00 | Concrete Floor |
| C-4 | Core-4 | Core | 7/16/1998 | 7/21/1998 | 0.345 | Concrete Floor |
| C-5 | Core-5 | Core | 7/16/1998 | 7/21/1998 | 0.088 | Concrete Floor |
| C-6 | Core-6 | Core | 7/16/1998 | 7/21/1998 | 0.92 | Concrete Floor |
| C-7 | Core-7 | Core | 7/16/1998 | 7/20/1998 | 0.20 | Concrete Floor |
| C-8 | Core-8 | Core | 7/16/1998 | 7/20/1998 | 1.00 | Concrete Floor |
| C-9 | Core-9 | Core | 7/16/1998 | 7/20/1998 | 0.11 | Concrete Floor |
| C-10 | Core-10 | Core | 7/16/1998 | 7/20/1998 | 0.033 | Concrete Floor |
| C-11 | Core-11 | Core | 7/16/1998 | 7/20/1998 | <0.033 | Concrete Floor |
| C-12 | Core-12 | Core | 7/16/1998 | 7/21/1998 | 1.80 | Concrete Floor |
| C-13 | Core-13 | Core | 7/16/1998 | 7/20/1998 | 0.047 | Concrete Floor |
| C-14 | Core-14 | Core | 7/16/1998 | 7/20/1998 | 2.00 | Concrete Floor |
| C-15 | Core-15 | Core | 7/17/1998 | 7/22/1998 | <0.033 | Concrete Floor |
| C-16 | Core-16 | Core | 7/17/1998 | 7/22/1998 | <0.033 | Concrete Floor |
| C-17 | Core-17 | Core | 7/16/1998 | 7/20/1998 | 0.05 | Concrete Floor |
| C-18 | Core-18 | Core | 7/16/1998 | 7/20/1998 | 0.068 | Concrete Floor |
| C-19 | Core-19 | Core | 7/16/1998 | 7/20/1998 | 0.135 | Concrete Floor |
| C-20 | Core-20 | Core | 7/16/1998 | 7/20/1998 | 0.048 | Concrete Floor |
| C-21 | Core-21 | Core | 7/17/1998 | 7/22/1998 | <0.033 | Concrete Floor |
| C-22 | Core-22 | Core | 7/17/1998 | 7/22/1998 | 0.067 | Concrete Floor |
| C-23 | Core-23 | Core | 7/16/1998 | 7/20/1998 | <0.033 | Concrete Floor |
| C-24 | Core-24 | Core | 7/16/1998 | 7/20/1998 | <0.033 | Concrete Floor |
| C-25 | Core-25 | Core | 7/17/1998 | 7/21/1998 | <0.033 | Concrete Floor |
| C-26 | Core-26 | Core | 7/17/1998 | 7/22/1998 | 2.66 | Concrete Floor |
| C-27 | Core-27 | Core | 7/17/1998 | 7/22/1998 | 0.082 | Concrete Floor |
| C-28 | Core-28 | Core | 7/17/1998 | 7/22/1998 | 30.00 | Concrete Floor |
| C-29 | Core-29 | Core | 7/17/1998 | 7/22/1998 | 0.649 | Concrete Floor |
| C-30 | Core-30 | Core | 7/17/1998 | 7/22/1998 | 0.044 | Concrete Floor |
| B-1 | Core-B1 | Core | 7/17/1998 | 7/21/1998 | 0.24 | Concrete Floor |
| B-2 | Core-B2 | Core | 7/17/1998 | 7/21/1998 | 0.105 | Concrete Floor |
| **RECENT INVESTIGATION** | | | | | | |
| **SAMPLES COLLECTED BY GEOMATRIX** | | | | | | |
| # 2 | 02-CS-0.3 | Core - Top | 11/30/2005 | 12/7/2005 | 7.2 | Concrete Floor |
| | 02-CS-0.3B | Core - Bottom | 12/5/2005 | 12/15/2005 | 0.15 | Concrete Floor |
| # 5 | 05-CS-0.3 | Core - Top | 12/5/2005 | 12/15/2005 | <2.0 | Concrete Floor |
| # 10 | 10-CS-0.3 | Core - Top | 11/30/2005 | 12/7/2005 | 32 | Concrete Floor |
| | 10-CS-0.3B | Core - Bottom | 12/5/2005 | 12/15/2005 | 0.18 | Concrete Floor |
| # 15 | 15A-CS-0.3 | Core - Top | 12/5/2005 | 12/15/2005 | 1.1 | Concrete Floor |
| # 16 | 16-CS-0.3 | Core - Top | 12/5/2005 | 12/15/2005 | 11 | Concrete Floor |
| # 17 | 17-CS-0.3 | Core - Top | 11/28/2005 | 12/6/2005 | 2.2 | Concrete Floor |
| | 17-CS-0.3B | Core - Bottom | 12/5/2005 | 12/15/2005 | 0.10 | Concrete Floor |
| # 18 | 18-CS-0.3 | Core - Top | 11/28/2005 | 12/6/2005 | <0.20 | Concrete Floor |
| | 18-CS-0.3B | Core - Bottom | 12/5/2005 | 12/15/2005 | 0.61 | Concrete Floor |
| # 19 | 19-CS-0.3 | Core - Top | 11/28/2005 | 12/6/2005 | 1.8 | Concrete Floor |
| | 19-CS-0.3B | Core - Bottom | 12/5/2005 | 12/15/2005 | 0.83 | Concrete Floor |
| # 21 | 21-CS-0.3 | Core - Top | 12/5/2005 | 12/15/2005 | 7.2 | Concrete Floor |
| # 26 | 26-CS-0.3 | Core - Top | 12/5/2005 | 12/15/2005 | 1.3 | Concrete Floor |
| # 27 | 27-CS-0.3 | Core - Top | 12/5/2005 | 12/19/2005 | <0.20 | Concrete Floor |
| # 35 | 35-CS-0.3 | Core - Top | 11/28/2005 | 12/6/2005 | <0.20 | Concrete Floor |
| | 35-CS-0.3B | Core - Bottom | 12/5/2005 | 12/15/2005 | <0.10 | Concrete Floor |
| # 36 | 36-CS-0.3 | Core - Top | 12/5/2005 | 12/15/2005 | <0.20 | Concrete Floor |
| # 41 | 41-CS-0.3 | Core - Top | 11/28/2005 | 12/6/2005 | 3,300 | Concrete Floor |
| | 41-CS-0.3B | Core - Bottom | 12/5/2005 | 12/15/2005 | 120 | Concrete Floor |
| # 48 | 48-CS-0.3 | Core - Top | 12/5/2005 | 12/15/2005 | 0.10 | Concrete Floor |
| # 73 | 73-CS-0.3 | Core - Top | 12/5/2005 | 12/15/2005 | 0.23 | Concrete Floor |
| | 73-CS-0.3B | Core - Bottom | 12/5/2005 | 12/15/2005 | 0.24 | Concrete Floor |
| # 74 | 74-CS-0.3 | Core - Top | 11/28/2005 | 12/6/2005 | 5.6 | Concrete Floor |
| | 74-CS-0.3B | Core - Bottom | 12/5/2005 | 12/15/2005 | 0.17 | Concrete Floor |

# TABLE 1
# (REVISED)

## SUMMARY OF AVAILABLE PCB SAMPLE RESULTS - ABOVEGROUND MATERIALS

Pechiney Cast Plate, Inc. Facility
Vernon, California

| Location ID on Figure | Sample No. in Chain of Custody | Type of Sample | Date Sampled | Date Analyzed | PCBs (mg/kg) | | Material |
|---|---|---|---|---|---|---|---|
| SAMPLES COLLECTED BY AURORA | | | | | | | |
| BK001 | BK001 | Bulk | 11/16/2005 | 11/22/2005 | 14.5 | | Corrugated wall panel |
| BK002 | BK002 | Bulk | 11/16/2005 | 11/22/2005 | 0.181 | | Wood flooring |
| BK003 | BK003 | Bulk | 11/16/2005 | 11/22/2005 | 0.522 | | Wood flooring |
| BK004 | BK004 | Bulk | 11/16/2005 | 11/22/2005 | 1.48 | | Wood flooring |
| BK005 | BK005 | Bulk | 12/8/2005 | 12/9/2005 | 12.1 - Aroclor 1248 | | Textured paint |
| | | | 12/8/2005 | 12/9/2005 | 10.6 - Aroclor 1254 | | |
| 41911 | 41911 | Bulk | 4/20/2006 | 4/20/2006 | 10,700 | | Wall panel, unwashed |
| 41912 | 41912 | Bulk | 4/20/2006 | 4/20/2006 | 16,500 | | Wall panel, washed |
| 41913 | 41913 | Bulk | 4/20/2006 | 4/20/2006 | 17,900 | | Wall panel, unwashed |
| 41914 | 41914 | Bulk | 4/20/2006 | 4/20/2006 | 15,600 | | Wall panel, washed |
| 41915 | 41915 | Bulk | 4/20/2006 | 4/20/2006 | 54.1 | | Wall panel, unwashed |
| 41916 | 41916 | Bulk | 4/20/2006 | 4/20/2006 | 44.4 | | Wall panel, washed |
| 41935 | 41935 | Bulk | 4/20/2006 | 4/20/2006 | 13,400 | | Wall panel, unwashed |
| 41936 | 41936 | Bulk | 4/20/2006 | 4/20/2006 | 15,200 | | Wall panel, washed |
| WIPE SAMPLES COLLECTED BY AURORA | | | | | PCBs ($\mu g/ft^2$) | PCBs ($\mu g/100\ cm^2$) | |
| WS001 | WS001 | Wipe | 11/16/2005 | 11/22/2005 | 8.91 | 0.96 | Wood floor |
| WS002 | WS002 | Wipe | 11/16/2005 | 11/22/2005 | <1.5 | <0.16 | Wood floor |
| WS003 | WS003 | Wipe | 11/16/2005 | 11/22/2005 | 74.2 | 7.99 | Lower wall truss |
| WS004 | WS004 | Wipe | 11/16/2005 | 11/22/2005 | 27.90 | 3.00 | Concrete floor |
| WS005 | WS005 | Wipe | 11/16/2005 | 11/22/2005 | 123 | 13.24 | Electric panel |
| WS006 | WS006 | Wipe | 11/16/2005 | 11/22/2005 | 150 | 16.15 | Wall truss (5 ft high) |
| WS007 | WS007 | Wipe | 11/16/2005 | 11/22/2005 | 17.30 | 1.86 | Concrete floor |
| WS008 | WS008 | Wipe | 11/16/2005 | 11/22/2005 | 27.30 | 2.94 | Concrete floor |
| WS009 | WS009 | Wipe | 11/16/2005 | 11/22/2005 | 109 | 11.73 | Upper I-beam flange |
| WS010 | WS010 | Wipe | 11/16/2005 | 11/22/2005 | 2.43 | 0.26 | Concrete EQ pad |
| WS011 | WS011 | Wipe | 11/16/2005 | 11/22/2005 | 21.20 | 2.28 | Parts crib floor |
| WS012 | WS012 | Wipe | 11/16/2005 | 11/22/2005 | 44.40 | 4.78 | Concrete floor |
| WS013 | WS013 | Wipe | 11/16/2005 | 11/22/2005 | 73.20 | 7.88 | Concrete floor |
| WS014 | WS014 | Wipe | 11/16/2005 | 11/22/2005 | 107 | 11.52 | Upper I-beam flange |
| WS015 | WS015 | Wipe | 11/16/2005 | 11/22/2005 | 36.60 | 3.94 | Concrete floor |
| WS016 | WS016 | Wipe | 11/16/2005 | 11/22/2005 | 10.10 | 1.09 | Concrete floor |
| WS017 | WS017 | Wipe | 11/16/2005 | 11/22/2005 | 10.90 | 1.17 | Concrete floor |
| WS018 | WS018 | Wipe | 11/16/2005 | 11/22/2005 | 5.97 | 0.64 | Concrete floor |
| WS019 | WS019 | Wipe | 11/16/2005 | 11/22/2005 | 9.63 | 1.04 | Column footing |
| WS020 | WS020 | Wipe | 11/16/2005 | 11/22/2005 | <1.5 | <0.16 | Concrete floor |
| WS021 | WS021 | Wipe | 11/16/2005 | 11/22/2005 | 2.47 | 0.27 | Lower wall truss |
| WS022 | WS022 | Wipe | 11/16/2005 | 11/22/2005 | 4.57 | 0.49 | Electric transformer |
| WS023 | WS023 | Wipe | 11/16/2005 | 11/22/2005 | 3.00 | 0.32 | Blue bench cabinet |
| WS024 | WS024 | Wipe | 11/16/2005 | 11/22/2005 | 3.90 | 0.42 | Concrete floor |
| WS025 | WS025 | Wipe | 11/16/2005 | 11/22/2005 | 14.10 | 1.52 | Concrete floor |
| WS026 | WS026 | Wipe | 11/16/2005 | 11/22/2005 | 87.20 | 9.39 | Concrete floor |

**Notes:**

1. All PCBs concentrations are total PCBs concentrations unless noted otherwise
   mg/kg - milligrams per kilogram
   µg/100 cm2 - micrograms per squared centimeter
2. Core - Top = Upper 3.0 inch of concrete slab
3. Core - Bottom = Bottom 3.0 inch of the concrete slab
4. Core-A = Surface to depth of 0.25 inch
5. Core B = Depth of 0.25 inch to 1.5 inch
6. Core C = Depth of 1.5 to 2.0 inches
7. Core D = Second slab of concrete


Geraghty and Miller, Inc. (GM), 1990, Final Report, Phase II Environmental Assessment for Alcoa – Vernon Plant, Vernon, California, September.

McCulley, Frick & Gilman (MFG), 1998, Limited Phase II Environmental Investigation, Alcoa Cast Plate, 5151/5401 Alcoa Avenue, Vernon, California, September 15.

Geomatrix, 2006, Phase II Environmental Site Assessment Report, Pechiney Cast Plate Facility, Vernon, California, March.