

**Table XX**  
**Summary of Laboratory Analytical Results For Soil/Sediment Samples Collected by START**  
**Lake Linden ER Site**  
**Lake Linden, Houghton County, Michigan**  
**July 30- July 31, 2007**

| Parameter    | Sample Name                | Test Method | LLV-1A                         | LLV-1B                           | LLV-2A                         | LLV-2B                           | Part 201<br><br>SDBL | Part 201<br><br>RDCC |
|--------------|----------------------------|-------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|----------------------|----------------------|
|              | Sampling Date              |             | 07/30/07                       | 07/30/07                         | 07/30/07                       | 07/30/07                         |                      |                      |
|              | Sample Matrix              |             | Soil                           | Soil                             | Soil                           | Soil                             |                      |                      |
|              | Sample Number/<br>Location |             | LLV Shoreline,<br>Grid#1, 0-3" | LLV Shoreline,<br>Grid#1, 12-18" | LLV Shoreline,<br>Grid#2, 0-3" | LLV Shoreline,<br>Grid#2, 12-18" |                      |                      |
|              |                            |             |                                |                                  |                                |                                  |                      |                      |
|              | Units                      |             |                                |                                  |                                |                                  |                      |                      |
| Metals       |                            |             |                                |                                  |                                |                                  |                      |                      |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2.5                          | 3.1                              | < 2.4                          | < 2.5                            | NA                   | 180                  |
| Arsenic      | mg/Kg-dry                  | SW6020      | 3                              | 2                                | 65                             | 11                               | 5.8                  | 7.6                  |
| Barium       | mg/Kg-dry                  | SW6020      | 20                             | 21                               | 17                             | 18                               | 75                   | 37,000               |
| Copper       | mg/Kg-dry                  | SW6020      | 1,900                          | 7,100                            | 1,100                          | 5,100                            | 32                   | 20,000               |
| Lead         | mg/Kg-dry                  | SW6020      | 23                             | 40                               | 27                             | 9                                | 21                   | 400                  |
|              |                            |             |                                |                                  |                                |                                  |                      |                      |
| PCBs         |                            |             |                                |                                  |                                |                                  |                      |                      |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                           | <0.7                             | <0.7                           | <0.7                             | NA                   | 4                    |

NOTES:

Results in shaded boxes exceed the Part 201 Residential Direct Contact Criteria.

Part 201-SDBL - Part 201 Statewide Default Background Level

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mg/kg - Milligrams per kilogram

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| Parameter    | Sample Name                | Test Method | LLV-3A                     | LLV-3B                           | LLV-4A                     | LLV-4B                           | Part 201 | Part 201 |
|--------------|----------------------------|-------------|----------------------------|----------------------------------|----------------------------|----------------------------------|----------|----------|
|              | Sampling Date              |             | 07/30/07                   | 07/30/07                         | 07/30/07                   | 07/30/07                         |          |          |
|              | Sample Matrix              |             | Soil                       | Soil                             | Soil                       | Soil                             |          |          |
|              | Sample Number/<br>Location |             | Shoreline,<br>Grid#3, 0-3" | LLV Shoreline,<br>Grid#3, 12-18" | Shoreline,<br>Grid#4, 0-3" | LLV Shoreline,<br>Grid#4, 12-18" |          |          |
|              |                            |             |                            |                                  |                            |                                  |          |          |
|              | Units                      |             |                            |                                  |                            |                                  |          |          |
| Metals       |                            |             |                            |                                  |                            |                                  |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2.6                      | < 2.6                            | < 2.5                      | < 2.4                            | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | 7                          | 7                                | 2                          | 2                                | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 12                         | 10                               | 21                         | 19                               | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 810                        | 1,200                            | 770                        | 1,500                            | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 19                         | 14                               | 16                         | 8                                | 21       | 400      |
|              |                            |             |                            |                                  |                            |                                  |          |          |
| PCBs         |                            |             |                            |                                  |                            |                                  |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                       | <0.7                             | <0.7                       | <0.7                             | NA       | 4        |

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|               | Sample Name                |             | LLV-5A                         | LLV-5B                           | LLV-6A                         | LLV-6B                           | Part 201 | Part 201      |
|---------------|----------------------------|-------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|----------|---------------|
|               | Sampling Date              |             | 07/30/07                       | 07/30/07                         | 07/30/07                       | 07/30/07                         |          |               |
|               | Sample Matrix              |             | Soil                           | Soil                             | Soil                           | Soil                             |          |               |
|               | Sample Number/<br>Location |             | LLV Shoreline,<br>Grid#5, 0-3" | LLV Shoreline,<br>Grid#5, 12-18" | LLV Shoreline,<br>Grid#6, 0-3" | LLV Shoreline,<br>Grid#6, 12-18" |          |               |
|               |                            |             |                                |                                  |                                |                                  |          |               |
| Parameter     | Units                      | Test Method |                                |                                  |                                |                                  | SDBL     | DCC           |
| <b>Metals</b> |                            |             |                                |                                  |                                |                                  |          |               |
| Antimony      | mg/Kg-dry                  | SW6020      | < 2.6                          | < 2.4                            | < 2.6                          | < 2.3                            | NA       | <b>180</b>    |
| Arsenic       | mg/Kg-dry                  | SW6020      | 1.7                            | 1.4                              | 2.4                            | 2.3                              | 5.8      | <b>7.6</b>    |
| Barium        | mg/Kg-dry                  | SW6020      | 17                             | 16                               | 14                             | 11                               | 75       | <b>37,000</b> |
| Copper        | mg/Kg-dry                  | SW6020      | 6,400                          | 1,300                            | 2,600                          | 3,900                            | 32       | <b>20,000</b> |
| Lead          | mg/Kg-dry                  | SW6020      | 20                             | 20                               | 35                             | 13                               | 21       | <b>400</b>    |
|               |                            |             |                                |                                  |                                |                                  |          |               |
| <b>PCBs</b>   |                            |             |                                |                                  |                                |                                  |          |               |
| PCBs (Total)  | mg/Kg-dry                  | SW8082      | <0.7                           | <0.7                             | <0.7                           | <0.7                             | NA       | <b>4</b>      |

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**July 30- July 31, 2007**

|               | Sample Name                |             | LLV-7A                     | LLV-7B                           | LLV-7ADUP                      | LLV-7BDUP                        | Part 201 | Part 201      |
|---------------|----------------------------|-------------|----------------------------|----------------------------------|--------------------------------|----------------------------------|----------|---------------|
|               | Sampling Date              |             | 07/30/07                   | 07/30/07                         | 07/30/07                       | 07/30/07                         |          |               |
|               | Sample Matrix              |             | Soil                       | Soil                             | Soil                           | Soil                             |          |               |
|               | Sample Number/<br>Location |             | Shoreline,<br>Grid#7, 0-3" | LLV Shoreline,<br>Grid#7, 12-18" | LLV Shoreline,<br>Grid#7, 0-3" | LLV Shoreline,<br>Grid#7, 12-18" |          |               |
|               |                            |             |                            |                                  |                                |                                  |          |               |
| Parameter     | Units                      | Test Method |                            |                                  |                                |                                  | SDBL     | DCC           |
| <b>Metals</b> |                            |             |                            |                                  |                                |                                  |          |               |
| Antimony      | mg/Kg-dry                  | SW6020      | < 2.5                      | < 2.6                            | < 2.4                          | < 2.4                            | NA       | <b>180</b>    |
| Arsenic       | mg/Kg-dry                  | SW6020      | 3                          | 2                                | 2                              | 3                                | 5.8      | <b>7.6</b>    |
| Barium        | mg/Kg-dry                  | SW6020      | 16                         | 11                               | 9.3                            | 14                               | 75       | <b>37,000</b> |
| Copper        | mg/Kg-dry                  | SW6020      | 1,000                      | 560                              | 470                            | 1,100                            | 32       | <b>20,000</b> |
| Lead          | mg/Kg-dry                  | SW6020      | 27                         | 22                               | 18                             | 25                               | 21       | <b>400</b>    |
|               |                            |             |                            |                                  |                                |                                  |          |               |
| <b>PCBs</b>   |                            |             |                            |                                  |                                |                                  |          |               |
| PCBs (Total)  | mg/Kg-dry                  | SW8082      | <0.7                       | <0.7                             | <0.7                           | <0.7                             | NA       | <b>4</b>      |

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| Parameter    | Sample Name                | Test Method | LLV-8A                     | LLV-8B                           | LLV-9A                         | LLV-9B                           | Part 201 | Part 201 |
|--------------|----------------------------|-------------|----------------------------|----------------------------------|--------------------------------|----------------------------------|----------|----------|
|              | Sampling Date              |             | 07/30/07                   | 07/30/07                         | 07/30/07                       | 07/30/07                         |          |          |
|              | Sample Matrix              |             | Soil                       | Soil                             | Soil                           | Soil                             |          |          |
|              | Sample Number/<br>Location |             | Shoreline,<br>Grid#8, 0-3" | LLV Shoreline,<br>Grid#8, 12-18" | LLV Shoreline,<br>Grid#9, 0-3" | LLV Shoreline,<br>Grid#9, 12-18" |          |          |
|              |                            |             |                            |                                  |                                |                                  |          |          |
|              | Units                      |             |                            |                                  |                                |                                  |          |          |
| Metals       |                            |             |                            |                                  |                                |                                  |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2.2                      | < 2.3                            | < 2.1                          | < 2.4                            | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | < 1.1                      | < 1.2                            | 1.6                            | 1.6                              | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 7.2                        | 7.4                              | 11                             | 12                               | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 1,500                      | 1,000                            | 1,700                          | 2,200                            | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 11                         | 14                               | 59                             | 36                               | 21       | 400      |
|              |                            |             |                            |                                  |                                |                                  |          |          |
| PCBs         |                            |             |                            |                                  |                                |                                  |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                       | <0.7                             | <0.7                           | <0.7                             | NA       | 4        |

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| Parameter    | Sample Name                | Test Method | LLV-10A                     | LLV-10B                           | LLV-11A                         | LLV-11B                           | Part 201 | Part 201 |
|--------------|----------------------------|-------------|-----------------------------|-----------------------------------|---------------------------------|-----------------------------------|----------|----------|
|              | Sampling Date              |             | 07/30/07                    | 07/30/07                          | 07/30/07                        | 07/30/07                          |          |          |
|              | Sample Matrix              |             | Soil                        | Soil                              | Soil                            | Soil                              |          |          |
|              | Sample Number/<br>Location |             | Shoreline,<br>Grid#10, 0-3" | LLV Shoreline,<br>Grid#10, 12-18" | LLV Shoreline,<br>Grid#11, 0-3" | LLV Shoreline,<br>Grid#11, 12-18" |          |          |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
|              | Units                      |             |                             |                                   |                                 |                                   |          |          |
| Metals       |                            |             |                             |                                   |                                 |                                   |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2.5                       | < 2.3                             | < 2.2                           | < 2.4                             | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | 2.2                         | < 1.2                             | 2.7                             | 1.3                               | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 14                          | 8                                 | 43                              | 41                                | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 910                         | 970                               | 800                             | 780                               | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 74                          | 18                                | 79                              | 16                                | 21       | 400      |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs         |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                        | <0.7                              | <0.7                            | <0.7                              | NA       | 4        |

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| Parameter    | Sample Name                | Test Method | LLV-13A                     | LLV-13B                           | LLV-14A                         | LLV-14B                           | Part 201 | Part 201 |
|--------------|----------------------------|-------------|-----------------------------|-----------------------------------|---------------------------------|-----------------------------------|----------|----------|
|              | Sampling Date              |             | 07/30/07                    | 07/30/07                          | 07/31/07                        | 07/31/07                          |          |          |
|              | Sample Matrix              |             | Soil                        | Soil                              | Soil                            | Soil                              |          |          |
|              | Sample Number/<br>Location |             | Shoreline,<br>Grid#13, 0-3" | LLV Shoreline,<br>Grid#13, 12-18" | LLV Shoreline,<br>Grid#14, 0-3" | LLV Shoreline,<br>Grid#14, 12-18" |          |          |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
|              | Units                      |             |                             |                                   |                                 |                                   |          |          |
| Metals       |                            |             |                             |                                   |                                 |                                   |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2.5                       | < 2.6                             | < 2.4                           | < 2.3                             | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | 1.7                         | 3.2                               | <1.2                            | 11                                | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 54                          | 100                               | 19                              | 110                               | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 300                         | 1,100                             | 72                              | 1,500                             | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 23                          | 49                                | 4.5                             | 470                               | 21       | 400      |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs         |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                        | <0.7                              | <0.7                            | <0.7                              | NA       | 4        |

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**July 30- July 31, 2007**

| Parameter    | Sample Name                | Test Method | LLV-15A                         | LLV-15B                           | LLV-16A                         | LLV-16B                           | Part 201 | Part 201 |
|--------------|----------------------------|-------------|---------------------------------|-----------------------------------|---------------------------------|-----------------------------------|----------|----------|
|              | Sampling Date              |             | 07/31/07                        | 07/31/07                          | 07/31/07                        | 07/31/07                          |          |          |
|              | Sample Matrix              |             | Soil                            | Soil                              | Soil                            | Soil                              |          |          |
|              | Sample Number/<br>Location |             | LLV Shoreline,<br>Grid#15, 0-3" | LLV Shoreline,<br>Grid#15, 12-18" | LLV Shoreline,<br>Grid#16, 0-3" | LLV Shoreline,<br>Grid#16, 12-18" |          |          |
|              |                            |             |                                 |                                   |                                 |                                   |          |          |
|              | Units                      |             |                                 |                                   |                                 |                                   | SDBL     | DCC      |
| Metals       |                            |             |                                 |                                   |                                 |                                   |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2.3                           | < 2.4                             | < 2.3                           | < 2.5                             | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | < 1.2                           | 2.6                               | < 1.2                           | 1.6                               | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 15                              | 21                                | 14                              | 23                                | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 130                             | 590                               | 160                             | 380                               | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 2.5                             | 20                                | 2.7                             | 16                                | 21       | 400      |
|              |                            |             |                                 |                                   |                                 |                                   |          |          |
| PCBs         |                            |             |                                 |                                   |                                 |                                   |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                            | <0.7                              | <0.7                            | <0.7                              | NA       | 4        |

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| Parameter    | Sample Name                | Test Method | LLV-17A                         | LLV-17B                           | LLV-18A                     | LLV-18B                    | Part 201 | Part 201 |
|--------------|----------------------------|-------------|---------------------------------|-----------------------------------|-----------------------------|----------------------------|----------|----------|
|              | Sampling Date              |             | 07/31/07                        | 07/31/07                          | 07/31/07                    | 07/31/07                   |          |          |
|              | Sample Matrix              |             | Soil                            | Soil                              | Soil                        | Soil                       |          |          |
|              | Sample Number/<br>Location |             | LLV Shoreline,<br>Grid#17, 0-3" | LLV Shoreline,<br>Grid#17, 12-18" | Shoreline,<br>Grid#18, 0-3" | Shoreline,<br>Grid#18, 12- |          |          |
|              |                            |             |                                 |                                   |                             |                            |          |          |
|              | Units                      |             |                                 |                                   |                             |                            |          |          |
| Metals       |                            |             |                                 |                                   |                             |                            |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2.4                           | < 2.5                             | < 2.2                       | < 2.4                      | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | 2.2                             | 2.2                               | 2                           | 1.2                        | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 21                              | 40                                | 17                          | 20                         | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 390                             | 440                               | 290                         | 930                        | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 10                              | 49                                | 9.4                         | 13                         | 21       | 400      |
|              |                            |             |                                 |                                   |                             |                            |          |          |
| PCBs         |                            |             |                                 |                                   |                             |                            |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                            | <0.7                              | <0.7                        | <0.7                       | NA       | 4        |

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| Parameter    | Sample Name                | Test Method | LLV-19A                     | LLV-19B                           | LLV-20A                         | LLV-20B                           | Part 201 | Part 201 |
|--------------|----------------------------|-------------|-----------------------------|-----------------------------------|---------------------------------|-----------------------------------|----------|----------|
|              | Sampling Date              |             | 07/31/07                    | 07/31/07                          | 07/30/07                        | 07/30/07                          |          |          |
|              | Sample Matrix              |             | Soil                        | Soil                              | Soil                            | Soil                              |          |          |
|              | Sample Number/<br>Location |             | Shoreline,<br>Grid#19, 0-3" | LLV Shoreline,<br>Grid#19, 12-18" | LLV Shoreline,<br>Grid#20, 0-3" | LLV Shoreline,<br>Grid#20, 12-18" |          |          |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
|              | Units                      |             |                             |                                   |                                 |                                   | SDBL     | DCC      |
| Metals       |                            |             |                             |                                   |                                 |                                   |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2.3                       | < 2.7                             | < 2.5                           | < 2.4                             | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | 2.8                         | 2.1                               | 3.9                             | 1.5                               | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 19                          | 25                                | 28                              | 23                                | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 440                         | 930                               | 410                             | 850                               | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 4.7                         | 39                                | 9.7                             | 4                                 | 21       | 400      |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs         |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                        | <0.7                              | <0.7                            | <0.7                              | NA       | 4        |

**NOTES:**

Results in shaded boxes exceed the Part 201 Residential Direct Contact Criteria.

Part 201-SDBL - Part 201 Statewide Default Background Level

Part 201-RDCC - Part 201 Residential Direct Contact Criteria

mg/kg - Milligrams per kilogram

START - U.S. EPA's Superfund Technical Assistance and Response Team Contractor

NA - Not available

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**Table XX**  
**Summary of Laboratory Analytical Results For Soil/Sediment Samples Collected by START**  
**Lake Linden ER Site**  
**Lake Linden, Houghton County, Michigan**  
**July 30- July 31, 2007**

| Parameter    | Sample Name                | Test Method | LLV-21A                     | LLV-21B                           | LLV-22A                         | LLV-22B                           | Part 201 | Part 201 |
|--------------|----------------------------|-------------|-----------------------------|-----------------------------------|---------------------------------|-----------------------------------|----------|----------|
|              | Sampling Date              |             | 07/30/07                    | 07/30/07                          | 07/30/07                        | 07/30/07                          |          |          |
|              | Sample Matrix              |             | Soil                        | Soil                              | Soil                            | Soil                              |          |          |
|              | Sample Number/<br>Location |             | Shoreline,<br>Grid#21, 0-3" | LLV Shoreline,<br>Grid#21, 12-18" | LLV Shoreline,<br>Grid#22, 0-3" | LLV Shoreline,<br>Grid#22, 12-18" |          |          |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
|              | Units                      |             |                             |                                   |                                 | SDBL                              | DCC      |          |
| Metals       |                            |             |                             |                                   |                                 |                                   |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2.3                       | < 2.5                             | < 2.3                           | < 2.4                             | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | 10                          | 5                                 | 2.3                             | 1.7                               | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 57                          | 49                                | 22                              | 22                                | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 3,200                       | 760                               | 580                             | 580                               | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 10                          | 9.6                               | 8.5                             | 2.5                               | 21       | 400      |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs         |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                        | <0.7                              | <0.7                            | <0.7                              | NA       | 4        |

**NOTES:**

Results in shaded boxes exceed the Part 201 Residential Direct Contact Criteria.

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mg/kg - Milligrams per kilogram

START - U.S. EPA's Superfund Technical Assistance and Response Team Contractor

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**Summary of Laboratory Analytical Results For Soil/Sediment Samples Collected by START**  
**Lake Linden ER Site**  
**Lake Linden, Houghton County, Michigan**  
**July 30- July 31, 2007**

| Parameter    | Sample Name                | Test Method | LLV-23A                     | LLV-23B                           | LLV-24A                         | LLV-24B                           | Part 201 | Part 201 |
|--------------|----------------------------|-------------|-----------------------------|-----------------------------------|---------------------------------|-----------------------------------|----------|----------|
|              | Sampling Date              |             | 07/30/07                    | 07/30/07                          | 07/30/07                        | 07/30/07                          |          |          |
|              | Sample Matrix              |             | Soil                        | Soil                              | Soil                            | Soil                              |          |          |
|              | Sample Number/<br>Location |             | Shoreline,<br>Grid#23, 0-3" | LLV Shoreline,<br>Grid#23, 12-18" | LLV Shoreline,<br>Grid#24, 0-3" | LLV Shoreline,<br>Grid#24, 12-18" |          |          |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
|              | Units                      |             |                             |                                   |                                 |                                   | SDBL     | DCC      |
| Metals       |                            |             |                             |                                   |                                 |                                   |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2.6                       | < 2.2                             | < 2.5                           | < 2.3                             | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | 5                           | 1.6                               | 4.6                             | 2.1                               | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 66                          | 27                                | 80                              | 23                                | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 630                         | 880                               | 750                             | 570                               | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 15                          | 3                                 | 5.6                             | 3.7                               | 21       | 400      |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs         |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                        | <0.7                              | <0.7                            | <0.7                              | NA       | 4        |

**NOTES:**

Results in shaded boxes exceed the Part 201 Residential Direct Contact Criteria.

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Part 201-RDCC - Part 201 Residential Direct Contact Criteria

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**Summary of Laboratory Analytical Results For Soil/Sediment Samples Collected by START**  
**Lake Linden ER Site**  
**Lake Linden, Houghton County, Michigan**  
**July 30- July 31, 2007**

| Parameter    | Sample Name                | Test Method | LLV-25A                     | LLV-25B                           | LLV-26A                         | LLV-26B                           | Part 201 | Part 201 |
|--------------|----------------------------|-------------|-----------------------------|-----------------------------------|---------------------------------|-----------------------------------|----------|----------|
|              | Sampling Date              |             | 07/30/07                    | 07/30/07                          | 07/31/07                        | 07/31/07                          |          |          |
|              | Sample Matrix              |             | Soil                        | Soil                              | Soil                            | Soil                              |          |          |
|              | Sample Number/<br>Location |             | Shoreline,<br>Grid#25, 0-3" | LLV Shoreline,<br>Grid#25, 12-18" | LLV Shoreline,<br>Grid#26, 0-3" | LLV Shoreline,<br>Grid#26, 12-18" |          |          |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
|              | Units                      |             |                             |                                   |                                 |                                   | SDBL     | DCC      |
| Metals       |                            |             |                             |                                   |                                 |                                   |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2                         | < 2                               | < 1.9                           | < 2                               | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | 5.9                         | 1.3                               | 3                               | 1.4                               | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 33                          | 11                                | 28                              | 18                                | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 100                         | 1,200                             | 60                              | 1,100                             | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 9.3                         | 2.2                               | 6.5                             | 29                                | 21       | 400      |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs         |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                        | <0.7                              | <0.7                            | <0.7                              | NA       | 4        |

**NOTES:**

Results in shaded boxes exceed the Part 201 Residential Direct Contact Criteria.

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**Summary of Laboratory Analytical Results For Soil/Sediment Samples Collected by START**  
**Lake Linden ER Site**  
**Lake Linden, Houghton County, Michigan**  
**July 30- July 31, 2007**

| Parameter    | Sample Name                | Test Method | LLV-27A                     | LLV-27B                           | LLV-28A                         | LLV-28B                           | Part 201 | Part 201 |
|--------------|----------------------------|-------------|-----------------------------|-----------------------------------|---------------------------------|-----------------------------------|----------|----------|
|              | Sampling Date              |             | 07/31/07                    | 07/31/07                          | 07/30/07                        | 07/30/07                          |          |          |
|              | Sample Matrix              |             | Soil                        | Soil                              | Soil                            | Soil                              |          |          |
|              | Sample Number/<br>Location |             | Shoreline,<br>Grid#27, 0-3" | LLV Shoreline,<br>Grid#27, 12-18" | LLV Shoreline,<br>Grid#28, 0-3" | LLV Shoreline,<br>Grid#28, 12-18" |          |          |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
|              | Units                      |             |                             |                                   |                                 |                                   | SDBL     | DCC      |
| Metals       |                            |             |                             |                                   |                                 |                                   |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2                         | < 2                               | < 1.9                           | < 2.2                             | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | 14                          | 1.5                               | 1.6                             | 1.5                               | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 110                         | 25                                | 16                              | 19                                | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 2,000                       | 730                               | 33                              | 170                               | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 110                         | 43                                | 1.6                             | 3                                 | 21       | 400      |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs         |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                        | <0.7                              | <0.7                            | <0.7                              | NA       | 4        |

**NOTES:**

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**Summary of Laboratory Analytical Results For Soil/Sediment Samples Collected by START**  
**Lake Linden ER Site**  
**Lake Linden, Houghton County, Michigan**  
**July 30- July 31, 2007**

| Parameter    | Sample Name                | Test Method | LLV-29A                     | LLV-29B                           | LLV-30A                         | LLV-30B                           | Part 201 | Part 201 |
|--------------|----------------------------|-------------|-----------------------------|-----------------------------------|---------------------------------|-----------------------------------|----------|----------|
|              | Sampling Date              |             | 07/31/07                    | 07/31/07                          | 07/30/07                        | 07/30/07                          |          |          |
|              | Sample Matrix              |             | Soil                        | Soil                              | Soil                            | Soil                              |          |          |
|              | Sample Number/<br>Location |             | Shoreline,<br>Grid#29, 0-3" | LLV Shoreline,<br>Grid#29, 12-18" | LLV Shoreline,<br>Grid#30, 0-3" | LLV Shoreline,<br>Grid#30, 12-18" |          |          |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
|              | Units                      |             |                             |                                   |                                 |                                   | SDBL     | DCC      |
| Metals       |                            |             |                             |                                   |                                 |                                   |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2                         | < 2.1                             | < 2                             | < 2.2                             | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | 2.6                         | 1.1                               | 1.5                             | 1.4                               | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 34                          | 23                                | 16                              | 12                                | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 92                          | 820                               | 570                             | 580                               | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 7.6                         | 2.6                               | 10                              | 2.6                               | 21       | 400      |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs         |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                        | <0.7                              | <0.7                            | <0.7                              | NA       | 4        |

**NOTES:**

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**Lake Linden ER Site**  
**Lake Linden, Houghton County, Michigan**  
**July 30- July 31, 2007**

| Parameter    | Sample Name                | Test Method | LLV-31A                     | LLV-31B                           | LLV-32A                         | LLV-32B                           | Part 201 | Part 201 |
|--------------|----------------------------|-------------|-----------------------------|-----------------------------------|---------------------------------|-----------------------------------|----------|----------|
|              | Sampling Date              |             | 07/31/07                    | 07/31/07                          | 07/30/07                        | 07/30/07                          |          |          |
|              | Sample Matrix              |             | Soil                        | Soil                              | Soil                            | Soil                              |          |          |
|              | Sample Number/<br>Location |             | Shoreline,<br>Grid#31, 0-3" | LLV Shoreline,<br>Grid#31, 12-18" | LLV Shoreline,<br>Grid#32, 0-3" | LLV Shoreline,<br>Grid#32, 12-18" |          |          |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
|              | Units                      |             |                             |                                   |                                 |                                   | SDBL     | DCC      |
| Metals       |                            |             |                             |                                   |                                 |                                   |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2                         | < 2.1                             | < 2                             | < 2.3                             | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | 1.1                         | 1.3                               | < 0.99                          | 2.4                               | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 18                          | 16                                | 17                              | 120                               | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 200                         | 490                               | 140                             | 1,100                             | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 3.8                         | 2.3                               | 0.94                            | 4.2                               | 21       | 400      |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs         |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                        | <0.7                              | <0.7                            | <0.7                              | NA       | 4        |

**NOTES:**

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**Lake Linden ER Site**  
**Lake Linden, Houghton County, Michigan**  
**July 30- July 31, 2007**

| Parameter    | Sample Name                | Test Method | LLV-13ADUP                  | LLV-13BDUP                        | LLV-28ADUP                      | LLV-28BDUP                        | Part 201 | Part 201 |
|--------------|----------------------------|-------------|-----------------------------|-----------------------------------|---------------------------------|-----------------------------------|----------|----------|
|              | Sampling Date              |             | 07/30/07                    | 07/30/07                          | 07/30/07                        | 07/30/07                          |          |          |
|              | Sample Matrix              |             | Soil                        | Soil                              | Soil                            | Soil                              |          |          |
|              | Sample Number/<br>Location |             | Shoreline,<br>Grid#13, 0-3" | LLV Shoreline,<br>Grid#13, 12-18" | LLV Shoreline,<br>Grid#28, 0-3" | LLV Shoreline,<br>Grid#28, 12-18" |          |          |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
|              | Units                      |             |                             |                                   |                                 |                                   | SDBL     | DCC      |
| Metals       |                            |             |                             |                                   |                                 |                                   |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2                         | < 2.1                             | < 2.1                           | < 2.2                             | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | 2.6                         | 1.1                               | 2                               | 1.5                               | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 34                          | 23                                | 18                              | 19                                | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 92                          | 820                               | 39                              | 250                               | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 7.6                         | 2.6                               | 1.9                             | 4.7                               | 21       | 400      |
|              |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs         |                            |             |                             |                                   |                                 |                                   |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                        | <0.7                              | <0.7                            | <0.7                              | NA       | 4        |

**NOTES:**

Results in shaded boxes exceed the Part 201 Residential Direct Contact Criteria.

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**Lake Linden ER Site**  
**Lake Linden, Houghton County, Michigan**  
**July 30- July 31, 2007**

| Parameter    | Sample Name                | Test Method | LLV-15ADUP                      | LLV-15BDUP                        | LLV-22ADUP                  | LLV-22BDUP                        | Part 201 | Part 201 |
|--------------|----------------------------|-------------|---------------------------------|-----------------------------------|-----------------------------|-----------------------------------|----------|----------|
|              | Sampling Date              |             | 07/31/07                        | 07/31/07                          | 07/31/07                    | 07/31/07                          |          |          |
|              | Sample Matrix              |             | Soil                            | Soil                              | Soil                        | Soil                              |          |          |
|              | Sample Number/<br>Location |             | LLV Shoreline,<br>Grid#15, 0-3" | LLV Shoreline,<br>Grid#15, 12-18" | Shoreline,<br>Grid#22, 0-3" | LLV Shoreline,<br>Grid#22, 12-18" |          |          |
|              |                            |             |                                 |                                   |                             |                                   |          |          |
|              | Units                      |             |                                 |                                   |                             |                                   | SDBL     | DCC      |
| Metals       |                            |             |                                 |                                   |                             |                                   |          |          |
| Antimony     | mg/Kg-dry                  | SW6020      | < 2.3                           | < 2.4                             | < 2.4                       | < 2.3                             | NA       | 180      |
| Arsenic      | mg/Kg-dry                  | SW6020      | < 1.2                           | 3.1                               | 1.9                         | 1.6                               | 5.8      | 7.6      |
| Barium       | mg/Kg-dry                  | SW6020      | 13                              | 22                                | 21                          | 18                                | 75       | 37,000   |
| Copper       | mg/Kg-dry                  | SW6020      | 130                             | 550                               | 720                         | 570                               | 32       | 20,000   |
| Lead         | mg/Kg-dry                  | SW6020      | 2.4                             | 27                                | 3.9                         | 2.2                               | 21       | 400      |
|              |                            |             |                                 |                                   |                             |                                   |          |          |
| PCBs         |                            |             |                                 |                                   |                             |                                   |          |          |
| PCBs (Total) | mg/Kg-dry                  | SW8082      | <0.7                            | <0.7                              | <0.7                        | <0.7                              | NA       | 4        |

**NOTES:**

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