## BAYER MATERIALSCIENCE LLC 125 NEW SOUTH ROAD HICKSVILLE, NEW YORK

## PROJECT SCHEDULE OPERABLE UNIT 4 REMEDIAL ACTION WORK (UPDATED MARCH 14, 2014)

|  | T           |       |     |          |          |          |               |          |          |          |   |               |     | 2014 |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
|--|-------------|-------|-----|----------|----------|----------|---------------|----------|----------|----------|---|---------------|-----|------|--------|---|--------|----------|-------------|-------|---------|---------------|---------------|---------------------------|---------------|---------------------|---------------|----------|
|  | Marc        | ch    | Ар  | ril      |          | May      | 1             |          | June     | 1        |   | July          |     |      | August | ł | Septer | nher     |             | Octob | er      | N             | lover         | nher                      | <u> </u>      | Dec                 | ember         |          |
| Week   | 2 3         |       |     |          | 5 1      | 2 3      | 4             | 1        | 2 3      | 4 1      | 2 |               | 4 5 | 1    | 2 3    | 4 |        |          |             | 2 3   |         |               |               | 3 4                       | 4 1           |                     |               | 5        |
| Activity   |             |       |     |          | •        |          |               |          | - 1 - 1  |          |   | I Ť I         |     |      | - 1 -  |   |        | •        |             |       | 1 · 1 · | <u></u>       |               |                           | <u></u>       | <u> </u>            | <u> </u>      |          |
| 2014 Arsenic and PCB Delineation Soil Sampling                 |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Implement Field Sampling Activities                            |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         | ТТ            |               |                           |               |                     |               |          |
| Laboratory Analysis of Initial Set of Samples                  |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           | -             |                     |               |          |
| Data Review/Coordination with Bayer and Laboratory             |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           | -             |                     |               |          |
| Laboratory Analysis of First Set of Archived Samples           |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Data Review/Coordination with Bayer and Laboratory             |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Laboratory Analysis of Second Set of Archived Samples          |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Data Review/Reporting  |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Conference Call/Meeting with NYSDEC (Discuss Sampling          |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Results and OU4 Phase 2 Remedial Limits)                       |             |       |     | 4        | 7        |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| OU4 Phase 2 Remedial Design (RD) Addendum                      |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Prepare RD Addendum  |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Submit RD Addendum to Bayer                                    |             |       |     |          | $\Delta$ |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Bayer Review/Revisions to RD Addendum                          |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Submit RD Addendum to NYSDEC                                   |             |       |     |          |          | $\Delta$ |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| NYSDEC Review of RD Addendum                                   |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| RD Addendum Approval   |             |       |     |          |          |          |               |          | $\wedge$ |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Bayer Contractor Procurement                                   |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Hold Pre-Bid Meeting   |             |       |     |          |          |          |               | <b>\</b> |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Administration Building Pre-Demo Activities                    |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          | <del></del> |       |         |               |               |                           |               | <del></del>         |               |          |
| Prepare RFP for Environmental Removals                         |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Bayer Review/Revisisons  |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Bayer Contractor Procurement                                   |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               | $\perp$  |
| Hold Pre-Bid Meeting   |             |       |     | <u> </u> |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               | $\perp$  |
| Environmental Removals Implementation                          |             |       |     |          |          |          |               |          |          |          | _ |               |     |      |        |   |        |          |             | _     |         |               |               |                           |               |                     |               | _        |
| OU4 Phase 2 Remedial Activities                                |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               | _        |
| Contractor Preparation of Demolition Permit                    |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               |               |                           |               |                     |               |          |
| Application/Town Review & Permit Issuance                      | +           |       |     | _        |          |          | $\rightarrow$ |          |          |          |   |               |     |      |        | _ |        |          |             |       |         | $\rightarrow$ |               |                           |               | $ \rightarrow $     |               | _        |
| Contractor Mobilization  | +-+-        |       |     |          |          |          | $\rightarrow$ |          |          | _        |   |               |     |      |        |   |        |          |             | _     |         | +             |               |                           |               | ++                  |               |          |
| Implementation of Remedial Activities                          |             |       |     | _        |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         | 4             |               |                           | _             | ++                  |               |          |
| Administration Building Demolition                             | +           |       |     | _        |          |          |               |          |          |          | _ |               |     |      |        | _ |        |          |             | _     |         | ┢┻╋           |               |                           |               | $\vdash$            | $\rightarrow$ | —        |
| Post-Remedial Activities Topographic Survey                    |             |       |     |          |          |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         |               | $\square$     |                           |               | $\square \vdash$    |               | $\perp$  |
| Site Management Plan (SMP) Completion                          | <del></del> | 1 1   |     | <u> </u> |          | -        |               |          |          |          |   | A             |     |      |        | - |        |          | <u> </u>    |       |         | <del></del>   | <u> </u>      | <u> </u>                  | _ <del></del> | <del></del>         | <u> </u>      | <u> </u> |
| Periodic Calls w Simone to Discuss SMP                         | +           |       |     | -        |          | <u> </u> |               |          | $\Delta$ |          | 4 | $\rightarrow$ |     | 4    |        | _ |        |          |             |       |         | +             |               |                           | _             | $\vdash$            |               | —        |
| Prepare SMP  | +           |       |     | _        |          |          |               |          |          |          | _ |               |     |      | _      |   |        | _        |             | _     |         | +             |               |                           | _             | $ \rightarrow $     |               | —        |
| Bayer/Simone Review of SMP / ARCADIS Revisions                 |             |       |     | _        |          |          |               |          |          |          |   |               |     | _    |        |   |        |          |             |       |         | +             |               |                           | _             | $ \longrightarrow $ |               | —        |
| Submit "Draft" SMP to NYSDEC<br>NYSDEC Review of SMP           | ┣━╋━━       |       |     | -        |          |          | + +           |          |          |          | _ |               |     |      |        |   |        | <u> </u> |             | _     |         | ++            |               |                           |               | $ \longrightarrow $ |               |          |
|  | ╄──┼──      |       |     | -        |          |          | + +           |          |          |          | _ |               |     |      |        | - |        | _        |             |       |         | +             |               | ——                        | —             | +-+                 | $\rightarrow$ | —        |
| Respond to NYSDEC Comments NYSDEC Review of Response           | ┼──┼──      |       |     | -        |          |          | + +           |          |          |          | _ |               |     |      |        |   |        |          |             | _     |         | ┺═┵           |               |                           |               | $ \longrightarrow $ |               |          |
|  | ╄──┼──      |       |     | -        |          |          | + +           |          |          |          | _ |               |     |      |        | - |        |          |             |       |         | +             | _             | ——                        | —             | +-+                 | $\rightarrow$ | —        |
| Incorporate Final Survey into SMP<br>Issue Final SMP to NYSDEC | + + -       | +     | + + |          |          |          | +             |          |          |          | _ |               |     |      |        | _ |        |          | + $+$       | +     |         | +             |               | -+                        | _             | + +                 | +             | +        |
| SMP Approval   |             |       |     | _        |          |          |               |          |          |          | _ |               |     |      |        |   |        |          |             |       |         | +             | <u> </u>      | <u> </u>                  | _             | +-+                 |               | —        |
| Finalize Environmental Easement                                | + + -       | + $+$ | + + |          |          |          | + $+$         |          |          |          | + | + $+$         | _   | + +  |        |   | + + +  |          |             |       |         |               |               | <del></del>               |               | + +                 | +             | +        |
| Final Engineering Report (FER) Completion                      | ₋           |       |     |          |          |          |               |          |          |          |   | + $+$         |     |      |        |   |        |          |             |       |         |               |               |                           |               | ⊢₋⊢                 | <u> </u>      | —        |
| Prepare FER  | <u> </u>    |       |     |          |          |          | ТТ            | 1        |          | <u> </u> |   |               |     |      | 1      |   |        | 1        |             |       |         | <u>т</u> т    | —             | <u> </u>                  |               | ГТ                  | <u> </u>      | <u> </u> |
| Bayer/Simone Review of FER, Revisions to FER                   | + + -       |       |     |          |          |          | +             |          |          |          | - |               |     | + +  |        |   |        |          |             |       |         |               |               |                           | —             | +-+                 | +             | +        |
| Submit FER to NYSDEC   | ++-         |       |     |          |          |          | +             |          |          |          |   |               |     |      |        |   |        |          |             |       |         | ++            | -             |                           | +             | $\vdash$            | +             | +        |
| NYSDEC Review of FER   | ++-         |       |     |          |          |          | +             |          |          |          |   |               |     |      |        |   |        |          |             |       |         | +             | $\rightarrow$ | $\rightarrow$             |               |                     | +             | +        |
| Respond to NYSDEC Comments on FER                              | ++-         |       |     |          |          |          | +             |          |          |          |   |               |     |      |        |   |        |          |             |       |         | +             | $\rightarrow$ |                           |               |                     |               |          |
| NYSDEC Approval of FER   | ++-         |       |     |          |          |          | +             |          |          |          |   |               |     |      |        |   |        |          |             |       |         | +             | $\rightarrow$ | $\rightarrow \rightarrow$ | +             | $\vdash$            |               |          |
|  |             |       |     |          | I        |          |               |          |          |          |   |               |     |      |        |   |        |          |             |       |         | ╧╧╧           | L             |                           |               | ┶┷┷                 |               |          |

Assumptions: 1. Schedule is dependent on timeframe for NYSDEC review and approval of Bayer RD Addendum/reports.

2. Schedule assumes implementation of OU4 Phase 2 remedial activities field work will require no more than 18 weeks to complete.

3. Schedule is dependent on ability of waste transporters to provide needed waste hauling vehicles and sufficient transporters to provide clean fill for backfill needed for excavations and cap construction.

4. Schedule assumes that NYSDEC delisting of site and final closure (NYSDEC issuance of Certificate of Completion) will take place in 2015.