

From: Bedard, Michael <Michael.Bedard@arcadis.com>
Sent: Monday, June 1, 2020 5:33 PM
To: Chronert, Roxanne N - DNR; Neste, David E - DNR
Cc: Rick Bethel; Danko, Jeff; Scott D Wahl; Verburg, Ben; Johnson, Shauna; Young, Jason
Subject: Draft Project Schedule, June 1, 2020, Tyco Fire Technology Center and Stanton Street PFAS, Marinette
Attachments: 2020.06.01_Schedule_Cover_Letter.pdf;
2020.06.01_Draft_Project_Schedule_Tyco_FTC_and_Stanton_Str_Marinette.pdf

Roxanne and Dave,

On behalf of Tyco Fire Products LP (Tyco), Arcadis submits the attached updated “Draft Project Schedule, Tyco FTC and Stanton Street, Marinette” and cover letter for planned deliverables, continued field investigation/monitoring activities, and other activities for calendar year 2020.

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Mr. David Neste
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
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Subject:

Tyco Fire Technology Center and Stanton Street PFAS, 2700 Industrial Parkway
South and 1 Stanton Street, Marinette, Wisconsin
BRRTS Activity#: 02-38-580694 and 02-38-581955

ENVIRONMENT

Dear Mr. Neste:

On behalf of Tyco Fire Products LP (Tyco), Arcadis submits the attached updated “Draft Project Schedule, Tyco FTC and Stanton Street, Marinette” for planned site investigation activities and submittals, in Gantt chart format. This schedule presents approximate dates for several work items and is an updated version of the schedule sent to the Wisconsin Department of Natural Resources (WDNR) March 12, 2020. Tyco anticipates updating this schedule on a quarterly basis to reflect current activities and conditions.

Date:

June 1, 2020

Contact:

Michael Bedard

Email:

michael.bedard@arcadis.com

On May 27, 2020, WDNR sent Tyco three letters related to ongoing work in the Marinette area. While the follow-up discussions associated with those letters may influence some of the items presented in the attached schedule, Tyco is providing this updated schedule now in order to comply with a previous commitment to provide a schedule to WDNR on June 1, 2020.

Tyco’s approach to preparing this schedule is to provide the WDNR with a list of pending activities, document submittals, and meetings/communication opportunities. As noted during the January 23, 2020 summit meeting between WDNR and Tyco, and as discussed since that meeting, this schedule is a “living document” and communication tool for conveying the planned sequence and timing of upcoming activities. Changes to the schedule are communicated as needed between the more formal schedule updates.

The rationale for sequencing and timing of tasks is provided in the notes at the end of the schedule. The notes also provide a description of the contents for some of the documents identified in the schedule. The sequence of tasks will allow WDNR to review data interpretations, followed by plans to address data gaps and then data collection to fill the data gaps. For example, Interim Site Investigation Reports (SIRs) will provide the compilation and interpretation of

David Neste
Wisconsin Department of Natural Resources
June 1, 2020

existing data, followed by Site Investigation Work Plans (SIWPs) will identify data gaps and the approach to filling those data gaps, and field investigation work will collect data to fill the data gaps in accordance with those SIWPs. The schedule is a balance between expediting the work (which includes data analysis and interpretations), the practical amount of time required to execute such activities, and follow WDNR's NR700 process (e.g., prepare/submit SIWPs and SIRs, and allow for associated WDNR review/approval timeframes prior to executing the work). We believe this schedule will allow the data interpretation and additional investigation work to proceed in a relatively rapid manner while also providing adequate time for WDNR to review and approve documents in accordance with the NR700 investigation process.

Tyco and Arcadis look forward to hearing your thoughts on the schedule, and our continuing dialogue with WDNR regarding these activities.

Sincerely,

Arcadis U.S., Inc.



Michael F. Bedard
Program Manager

Copies:

Jeffrey Danko, Scott Wahl, Rick Bethel – Johnson Controls

Attachment

Draft Project Schedule, Tyco FTC and Stanton Street, Marinette

Draft Project Schedule, Tyco FTC and Stanton Street, Marinette
June 1, 2020

ID	Task Name	Completion Date	Jan '20	Feb '20	Mar '20	Apr '20	May '20	Jun '20	Jul '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20	Jan '21	Feb '21	Mar '21
1	Groundwater Plume Map	Fri 1/31/20	◆														
2	Nov-Dec 2019 - Southern Area Soil/Groundwater Data Transmittal	Fri 1/31/20	◆														
3	Land-Applied Biosolids Drinking Water Site Investigation Work Plan	Mon 3/16/20			◆												
4	Comprehensive Alternative Water Management Plan	Thu 3/19/20			◆												
5	Southern Area Groundwater Evaluation Report	Fri 3/20/20			◆												
6	Evaluation Process for Excavation Dewatering & Soil Management	Fri 3/20/20			◆												
7	Well Survey Report - FTC	Tue 3/31/20				◆											
8	Well Survey Report - Stanton Street	Tue 3/31/20				◆											
9	Updated Long Term Potable Well Sampling Plan	Wed 4/1/20				◆											
10	Quality Assurance Project Plan (QAPP)	Wed 4/15/20					◆										
11	Waste Disposal Practices Summary Report - FTC	Fri 5/8/20						◆									
12	Waste Disposal Practices Summary Report - Stanton Street	Fri 5/8/20						◆									
13	Landspreading Well Data - WDNR-Tyco Meeting (Initial Results)	Thu 5/14/20							◆								
14	Residential Well Sampling Program Summary Report - FTC Sampling Area	Mon 6/1/20								◆							
15	Land-Applied Biosolids Drinking Water Sampling	Thu 7/2/20															
16	Land-Applied Biosolids Drinking Water - Data Summary Report	Tue 9/1/20															
17	Landspreading Well Data - WDNR-Tyco Meeting (Final Results)	Wed 9/2/20															
18	Investigation - FTC																
19	Interim Site Investigation Report - FTC	Fri 5/15/20							◆								
20	Conceptual Site Model - FTC	Tue 5/26/20								◆							
21	Bay of Green Bay Surface Water Sampling	Mon 6/29/20															
22	Comprehensive Site Investigation Work Plan - FTC	Mon 8/17/20															
23	Fish Tissue Sampling	Mon 8/31/20															
24	Commence Additional FTC Investigation Field Work (Estimated)	Tue 9/15/20															
25	Comprehensive Site Investigation Report - FTC	Thu 12/31/20															◆
26	Investigation - Stanton Street																
27	Near-Term Bedrock Groundwater Evaluation Work Plan - Stanton Street	Fri 5/1/20															
28	Interim Site Investigation Report - Stanton Street	Mon 6/15/20															
29	Conceptual Site Model - Stanton Street	Wed 7/15/20															
30	Comprehensive Site Investigation Work Plan - Stanton Street	Tue 9/15/20															
31	Ditch Semi-Annual Monitoring Reports																
32	Ditch A Semi-Annual Monitoring Report - H2 2019	Tue 2/25/20															
33	Ditch B Semi-Annual Monitoring Report - H2 2019	Tue 2/25/20															
34	Ditch A Semi-Annual Monitoring Report - H1 2020	Tue 8/25/20															
35	Ditch B Semi-Annual Monitoring Report - H1 2020	Tue 8/25/20															
36	Semi-Annual WDNR-Tyco Summits (Estimated)																
37	Semi-Annual WDNR-Tyco Summit - H1 2020	Wed 7/1/20															
38	Semi-Annual WDNR-Tyco Summit - H2 2020	Tue 12/1/20															
39	Quarterly WDNR-Tyco Summits																
40	Quarterly WDNR-Tyco Summit - Q1 2020	Thu 1/23/20	◆														
41	Quarterly WDNR-Tyco Summit - Q3 2020 (Estimated)	Thu 7/23/20															
42	Quarterly WDNR-Tyco Summit - Q4 2020 (Estimated)	Thu 10/22/20															
43	Monthly WDNR-Tyco Project Meetings (Estimated)																
44	Monthly WDNR-Tyco Project Meeting - July 2020	Thu 7/9/20															
45	Monthly WDNR-Tyco Project Meeting - August 2020	Thu 8/13/20															
46	Monthly WDNR-Tyco Project Meeting - September 2020	Thu 9/10/20															
47	Monthly WDNR-Tyco Project Meeting - October 2020	Thu 10/8/20															
48	Monthly WDNR-Tyco Project Meeting - November 2020	Thu 11/12/20															
49	Monthly WDNR-Tyco Project Meeting - December 2020	Thu 12/10/20															
50	Monthly WPDES Reports																
51	Monthly WPDES Report - January 2020	Fri 2/21/20															
52	Monthly WPDES Report - February 2020	Mon 3/23/20															
53	Monthly WPDES Report - March 2020	Tue 4/21/20															
54	Monthly WPDES Report - April 2020	Thu 5/21/20															

**Draft Project Schedule, Tyco FTC and Stanton Street, Marinette
June 1, 2020**

ID	Task Name	Completion Date	Jan '20	Feb '20	Mar '20	Apr '20	May '20	Jun '20	Jul '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20	Jan '21	Feb '21	Mar '21
55	Monthly WPDES Report - May 2020	Mon 6/22/20						◆									
56	Monthly WPDES Report - June 2020	Tue 7/21/20							◆								
57	Monthly WPDES Report - July 2020	Fri 8/21/20								◆							
58	Monthly WPDES Report - August 2020	Mon 9/21/20									◆						
59	Monthly WPDES Report - September 2020	Wed 10/21/20										◆					
60	Monthly WPDES Report - October 2020	Mon 11/23/20											◆				
61	Monthly WPDES Report - November 2020	Mon 12/21/20												◆			
62	Quarterly Reports	Fri 1/15/21															
63	Quarterly Report Submission - Q1 2020	Wed 4/15/20				◆											
64	Quarterly Report Submission - Q2 2020	Wed 7/15/20							◆								
65	Quarterly Report Submission - Q3 2020	Thu 10/15/20										◆					
66	Quarterly Report Submission - Q1 2021	Fri 1/15/21															◆
67	Submit & Update Project Schedule Quarterly	Tue 12/1/20															
68	Submit & Update Project Schedule Quarterly - Q1 2020	Thu 3/12/20			▶												
69	Submit & Update Project Schedule Quarterly - Q2 2020	Mon 6/1/20						◆									
70	Submit & Update Project Schedule Quarterly - Q3 2020	Tue 9/1/20									◆						
71	Submit & Update Project Schedule Quarterly - Q4 2020	Tue 12/1/20											◆				
72	Private Water Well Sampling	Thu 12/31/20	▶														
73	Municipal Water Line Activities	Thu 12/31/20	▶														

Notes:

- Line 16 (Land-Applied Biosolids Drinking Water – Data Summary Report): This report will include results for samples collected through July 2, 2020, and will include an interpretation of the data.
- Line 22 (Comprehensive Site Investigation Work Plan - FTC): August 17, 2020 submittal date based on May 15, 2020 Interim Site Investigation Report (SIR) - FTC submittal, followed by 60 days for WDNR to review the Interim SIR - FTC and provide comments, followed by approximately 30 days to prepare an investigation work plan that addresses data gaps identified in the Interim SIR as well as WDNR's Interim SIR comments.
- Line 30 (Comprehensive Site Investigation Work Plan - Stanton Street): September 15, 2020 submittal date based on a thought process similar to Note 2 above (planned June 15, 2020 Interim SIR-Stanton Street submittal, followed by 60 days for WDNR comments on same, followed by 30 days to prepare an investigation work plan that addresses data gaps identified in the Interim SIR as well as WDNR's Interim SIR comments).
- The Interim Site Investigation Report - Stanton Street noted on line 28 above may not include a full CSM, as more data will be necessary to complete a PFAS CSM for the Stanton Street site.