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January 30, 2018

Mr. Kevin Collins
Georgia Environmental Protection Division
Land Protection Branch
2 Martin Luther King, Jr. Drive
Suite 1054, East Tower
Atlanta, Georgia 30334

Subject: January 2018 Semi-Annual Voluntary Remediation Program Progress Report
Former Manchester Tank Company (HSI No. 10765)
Cedartown, Polk County, Georgia

Dear Mr. Collins:

This Progress Report documents the activities completed for the Former Manchester Tank Company (Manchester Tank) site in Cedartown, Georgia from June 2017 through January 2018. This Progress Report includes the following:

- Work Performed This Period;
- Work Anticipated for the Next Period;
- Schedule; and
- Professional Certification.

Work Performed This Period

The following activities were performed during the current reporting period:

- Construction of the onsite groundwater treatment system began in September and system startup is scheduled for the first two weeks in February. The construction schedule has been delayed because of treatment system equipment availability from a supplier.
- A groundwater monitoring plan has been developed for system operation and is enclosed. Monitoring of groundwater will be performed quarterly for one year and semiannual thereafter. Water levels will be collected on a quarterly basis.
- CDM Smith and Textron renewed the access agreement with The Hon Corporation to allow for water level measurements and groundwater sample collection.
- Attempts to obtain access from Missouri Machine and Plow to collect water levels only have been unsuccessful.





Mr. Kevin Collins
January 30, 2018
Page 2

Work Anticipated for the Next Period

The following activities are planned for the next reporting period (February 2018 through May 2018):

- Full-time operation of the onsite groundwater extraction and treatment system will be underway.
- Quarterly water level measurements and groundwater sampling will begin.
- Attempts will continue to be made to resolve offsite access issues related to the offsite treatment system.

Schedule

An updated schedule for the onsite containment system is enclosed. The schedule for the offsite portion of the groundwater remedy and finalization of the Consent Order remain dependent on obtaining offsite access.

Professional Certification

The professional certification and summary of incurred professional engineer and geologist hours are enclosed for the period from June 4, 2017 through January 19, 2018.

If you have any questions regarding this Progress Report, please do not hesitate to contact me at (502) 217-7924.

Sincerely,

A handwritten signature in black ink that reads "Philip T. Hendershot".

Philip Hendershot, CHMM
Principal Scientist
CDM Smith Inc.

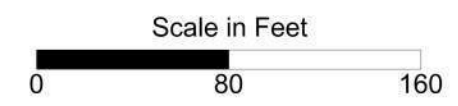
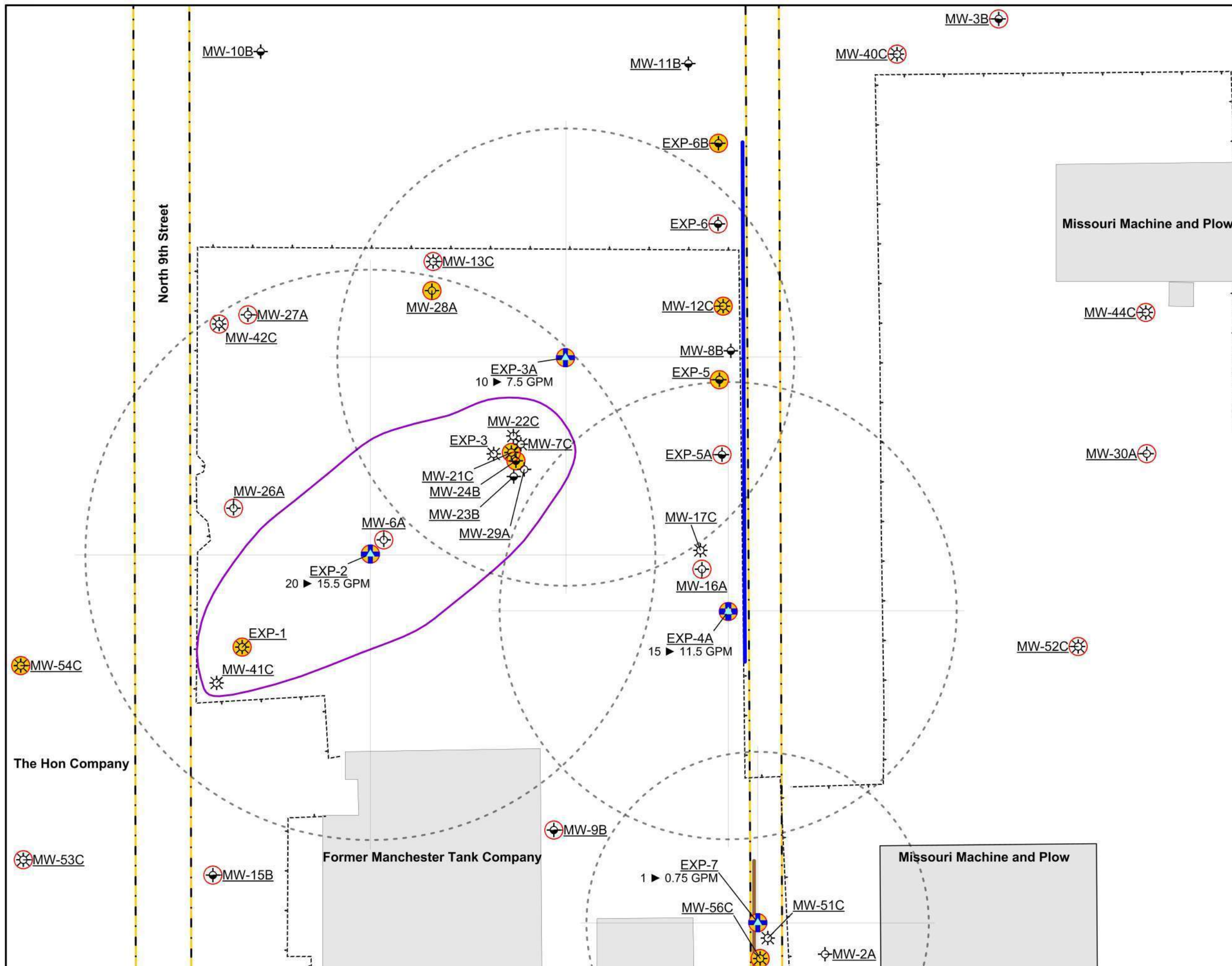
Enclosures

cc: Jamie Schiff, Textron
J. Thomas Duffey, P.G., CDM Smith



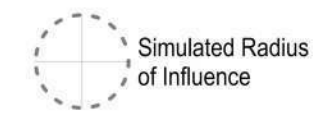
Groundwater Monitoring Plan & Schedule

Figure 1
Onsite Containment
CAP Groundwater Monitoring
 Former Manchester Tank Company
 Cedartown, GA



Property Lines Fence

Former Source Containment Area
 Unit A/B Containment Area Unit C Containment Area



- ⊕ Unit A Monitoring Well
- ⊕ Unit B Monitoring Well
- ⊕ Unit C Monitoring Well
- Quarterly Water Level
- Quarterly VOCs
- ⊕ Unit B/C Extraction Well
- ⊕ Unit B Extraction Well

Notes:
 Monitor well will be sampled semiannually after one year of system operation.
 Active extraction wells will be sampled monthly for VOCs.



O&M and Monitoring Tasks	2018												2019							
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	
Onsite Containment System O&M																				
Routine O&M																				
Monthly Self-Monitoring Reports																				
Compliance Sampling/Reporting																				
CAP Monitoring																				
Quarterly Water Level Measurement																				
Quarterly Groundwater Sampling																				
Semiannual EPD Reporting																				

Ongoing Activity
 Intermittent Activity

Figure 2: Project Schedule
 Former Manchester Tank Company
 Cedartown, GA

Code	Description	Quarterly Water Level	Quarterly VOCs ¹	Code	Description	Quarterly Water Level	Quarterly VOCs ¹
MW-16A	Unit A Monitoring Well	X		MW-12C	Unit C Monitoring Well	X	
MW-26A	Unit A Monitoring Well	X		MW-13C	Unit C Monitoring Well	X	
MW-27A	Unit A Monitoring Well	X		MW-14C	Unit C Monitoring Well	X	
MW-28A	Unit A Monitoring Well	X	X	MW-21C	Unit C Monitoring Well	X	X
MW-30A	Unit A Monitoring Well	X		MW-42C	Unit C Monitoring Well	X	
MW-6A	Unit A Monitoring Well	X		MW-53C	Unit C Monitoring Well	X	
EXP-6	Unit B Monitoring Well	X		MW-54C	Unit C Monitoring Well	X	X
MW-15B	Unit B Monitoring Well	X		MW-40C	Unit C Monitoring Well	X	
MW-24B	Unit B Monitoring Well	X	X	MW-44C	Unit C Monitoring Well	X	
MW-3B	Unit B Monitoring Well	X		MW-52C	Unit C Monitoring Well	X	
MW-9B	Unit B Monitoring Well	X		EXP-1	Unit C Monitoring Well	X	X
EXP-5	Unit B Monitoring Well	X	X	MW-56C	Unit C Monitoring Well	X	X
EXP-6B	Unit B Monitoring Well	X	X	MW-12C	Unit C Monitoring Well	X	X
EXP-5A	Unit B Monitoring Well	X		EXP-3A	Unit B/C Extraction Well	X	X ²
EXP-4A	Unit B Extraction Well	X	X ²	EXP-7	Unit B/C Extraction Well	X	X ²
				EXP-2	Unit B/C Extraction Well	X	X ²

VOCs - Volatile organic compounds analyzed by Method 8260B

1 - Monitoring wells will be sampled semiannually after one year of operation.

2 - Extraction wells will be sampled monthly for one year of operation.

Table 1: Onsite Containment Groundwater Monitoring Plan

Former Manchester Tank Company
Cedartown, GA





Professional Certification

Professional Certification

I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer / professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors / Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



J. Thomas Duffey, P.G.
Vice President
CDM Smith

Date: January 29, 2018





Professional Hours

Summary of Oversight Provided by Georgia Licensed Engineers and Geologists

June 4, 2017 through January 26, 2018

Engineer/Geologist	License No.	Month	Hours	Description of Hours
Tom Duffey	Geologist PG000899	July	2.5	Senior hydrogeologist and technical lead
		August	5	
		September	4	
		October	7	
		November	9.5	
		December	3	
		January	4.5	
Bernard Pettiford	Engineer PE041008	August	20.5	Electrical design engineer
		September	4	
John Reichling	Engineer PE017367	June	2	CDM Smith Officer in Charge and person overall responsible for project execution and quality
		July	2	
		August	3	
		September	1	
		October	1	
		November	1	
		December	1	
		January	1	
Jeff Weeber	Engineer PE032278	July	13	Design engineer
		August	34.5	
		September	22	
		October	17	
		November	14.25	
		December	8	
		January	17	