C.T. MALE ASSOCIATES
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January 12, 2018 ***Via Email***

Mr. James Moras, P.E.
Section Chief
Section C, Remedial Bureau B
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7015
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RE: Supplemental Scope of Work
GenX Sampling & Analysis
Saint-Gobain Performance Plastics
14 McCaffrey Street
Village of Hoosick Falls, Rensselaer County
DEC Site No.: 442046

Dear Mr. Moras:

As requested and on behalf of Saint-Gobain Performance Plastics (Saint-Gobain), C.T. Male Associates Engineering, Surveying, Architecture, Landscape Architecture, D.P.C. (C.T. Male) has developed this supplemental Remedial Investigation scope of work in relation to the collection and laboratory analysis of groundwater from select monitoring wells at the McCaffrey Street Site for Tetrafluoro-2-(heptafluoropropoxyl)-propanoic acid (HFPO-DA or GenX) and poly- & perfluoroalkyl substances (PFAS) analysis. GenX is member of the Perfluoroalkyl Ether Carboxylic Acids (PFECA) group of PFAS.

The following four previously installed monitoring wells will be sampled and analyzed for GenX and the 21 PFAS presented in the attached table. The monitoring wells are depicted on the attached figure.

On-Site:	MW-03
	MW-15
Off-Site:	MW-10
	MW-29

The following criteria were used to select the four monitoring wells for sampling and analyses:

- Wells that are in the same water bearing formation and/or in hydraulic communication with the Village water supply production wells;
- Wells that are within the property boundaries of the McCaffrey Street Site and Village property between the McCaffrey Street Site and Village water supply production wells;
- Wells that generally exhibit PFOA concentrations greater than other monitoring wells within this area; and
- Wells were selected that can produce groundwater without being purged dry using standard purging methods.

Collection of the water samples will be performed in accordance with the approved Remedial Investigation/Feasibility Study Work Plan. Sample collection will be coordinated with NYSDEC and NYSDOH, the later being responsible for the collection of samples from the Village Water Treatment Plant. Laboratory analysis for GenX will be performed by SGS North America-Environmental Services (SGS) of Wilmington, North Carolina. Laboratory analysis for the list of 21 PFAS will be completed by Eurofins Lancaster Laboratories Environmental (ELLE) of Lancaster Pennsylvania. Analysis of GenX and PFAS will be completed by EPA Method 537-Modified. The GenX and PFAS drinking water sample results will be reported consistent with the laboratory Reporting Limit, and environmental sample (groundwater) results will reported consistent with the Method Detection Limit as specified within each respective laboratories' Standard Operating Procedure (SOP) manuals.

The water sampling event is scheduled to be completed on January 17, 2018. The analytical results are expected to be reported within 20 working days following the date(s) of sampling and provided to NYSDEC within 5 days thereafter. NYSDEC/NYSDOH will also provide its' results to Saint-Gobain within 5 days of receipt.

If you have any questions or require any additional information, please contact the undersigned at your convenience.

Respectfully submitted,
C.T. MALE ASSOCIATES

Kirk Moline P.G.
Managing Geologist

Enc. Figure 1: January 2018 GenX Analysis of Groundwater, On & Off-Site Monitoring Wells
Table 1: List of 21 PFAS

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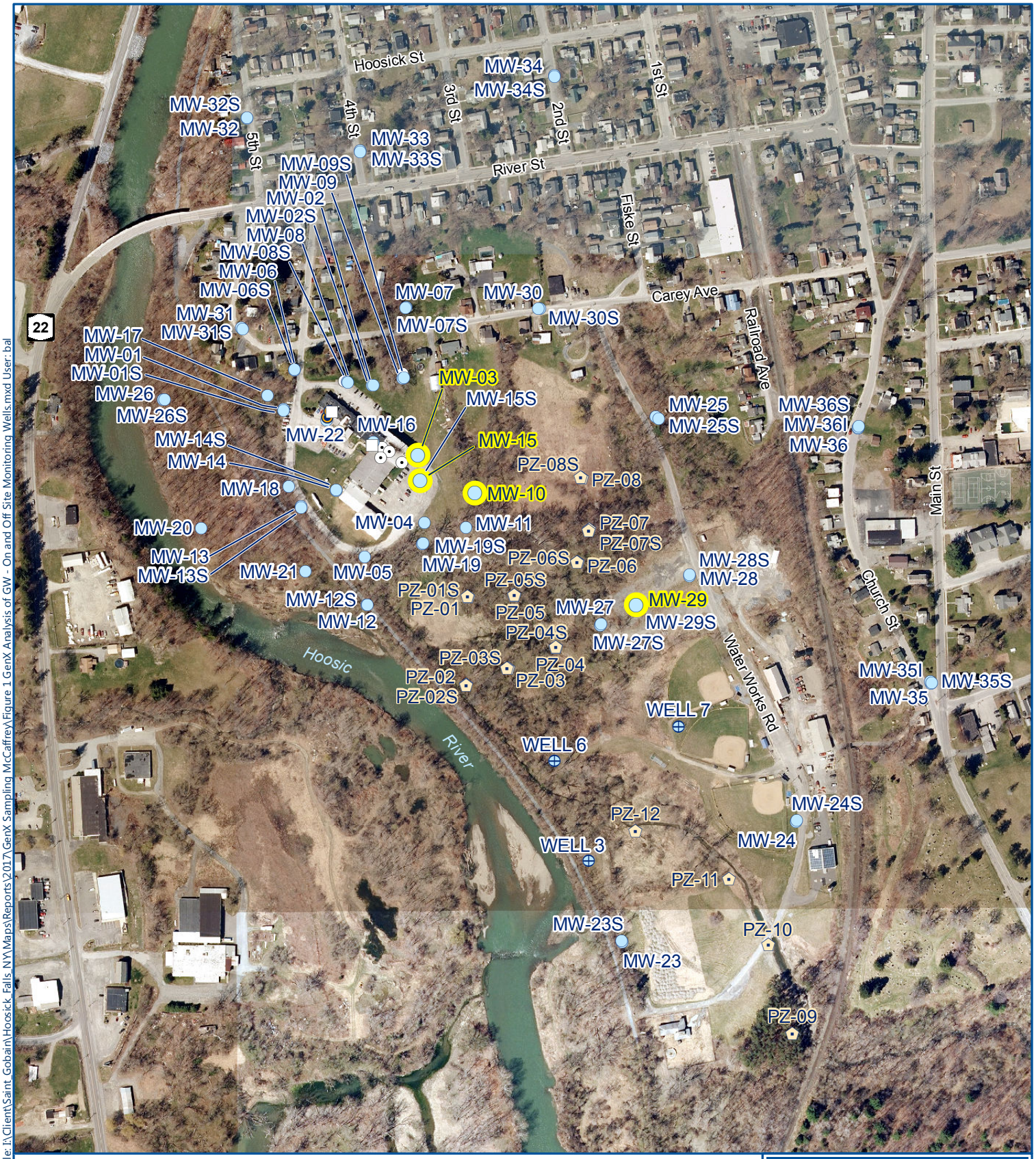

Monitoring Well Location - Proposed
GenX Sample Location, January 2018
Monitoring Well
Pit
Sump
Village of Hoosick Falls Well
Piezometer Location
Geoprobe Boring Locations

Aerial Imagery: State of New York 2014

N

0 400 800

Feet

JANUARY 2018
GENX ANALYSIS
OF GROUNDWATER -
ON AND OFFSITE
MONITORING WELLS
Saint-Gobain
Hoosick Falls, NY

FIGURE 1

Barr Footer: ArcGIS 10.4.1, 2018-01-09 14:54 File: I:\Client\Saint_Gobain\Hoosick_Falls_NY\Maps\Reports\2017 GenX Sampling McCaffrey\Figure 1 GenX Analysis of GW - On and Off Site Monitoring Wells.mxd User: bal

TABLE 1
PFAS Analyte List

Perfluoroalkyl sulfonates	**Perfluorobutanesulfonic acid**	**PFBS**	**375-73-5**
	Perfluorohexanesulfonic acid	**PFHxS**	**355-46-4**
	Perfluoroheptanesulfonic acid	PFHpS	375-92-8
	Perfluorooctanessulfonic acid	**PFOS**	**1763-23-1**
	Perfluorodecanesulfonic acid	PFDS	335-77-3
Perfluoroalkyl carboxylates	Perfluorobutanoic acid	PFBA	375-22-4
	Perfluoropentanoic acid	PFPeA	2706-90-3
	Perfluorohexanoic acid	PFHxA	307-24-4
	Perfluoroheptanoic acid	**PFHpA**	**375-85-9**
	Perfluorooctanoic acid	**PFOA**	**335-67-1**
	Perfluorononanoic acid	**PFNA**	**375-95-1**
	Perfluorodecanoic acid	PFDA	335-76-2
	Perfluoroundecanoic acid	PFUA/PFUdA	2058-94-8
	Perfluorododecanoic acid	PFDoA	307-55-1
	Perfluorotridecanoic acid	PFTriA/PFTrDA	72629-94-8
	Perfluorotetradecanoic acid	PFTA/PFTeDA	376-06-7
Fluorinated Telomer Sulfonates	6:2 Fluorotelomer sulfonate	6:2 FTS	27619-97-2
	8:2 Fluorotelomer sulfonate	8:2 FTS	39108-34-4
Perfluorooctanesulfonamides	Perfluroroctanesulfonamide	FOSA	754-91-6
Perfluorooctane-sulfonamidoacetic acids	N-methyl perfluorooctanesulfonamidoacetic acid	N-MeFOSAA	2355-31-9
	N-ethyl perfluorooctanesulfonamidoacetic acid	N-EtFOSAA	2991-50-6

Bold entries depict the 6 original UCMR3 chemicals