

Table 1 - Summary of Asphalt SPLP Analytical Results

Sample Name	GST-5-AS	GST-9-AS	GST-17-AS	GST-18-AS	GST-19-AS	GST-20-AS	GST-21-AS	GST-23-AS	GST-31-AS	GST-33-AS	GST-35-AS	GST-37-AS	
Description	Asphalt SPLP	Asphalt SPLP	Asphalt SPLP	Asphalt SPLP	Asphalt SPLP	Asphalt SPLP	Asphalt SPLP	Asphalt SPLP	Asphalt SPLP	Asphalt SPLP	Asphalt SPLP	Asphalt SPLP	
Sample Date	4/6/21	4/6/21	4/6/21	4/6/21	4/6/21	4/6/21	4/6/21	4/6/21	4/6/21	4/6/21	4/6/21	4/6/21	
Analyte	Units	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	
Perfluorohexanesulfonic acid (PFHxS)		4.4 N*	2.7	<1.9 N*	<1.8 N*	0.60 N*	<1.9 N*	<1.8 N*	9.0 N*	0.84 J	<1.8	23 N* †	250 N* †
Perfluorohexanoic acid (PFHxA)		2.8 N*	<4.2 B*	<1.9 N*	<1.8 N*	<1.8 N*	<1.9 N*	<1.8 N*	2.5 N*	<1.7 B*	<1.8	21 N*	71 N*
Perfluoroheptanoic acid (PFHpA)		0.41 N*	<1.8 B*	<1.9 N*	<1.8 N*	<1.8 N*	<1.9 N*	<1.8 N*	0.41 N*	<1.7	<1.8	2.6 N*	17 N*
Perfluorononanoic acid (PFNA)		<1.7 N*	<1.8	<1.9 N*	<1.8 N*	<1.8 N*	<1.9 N*	<1.8 N*	<1.7 N*	<1.7	<1.8	<1.7 N*	<1.8
Perfluorobutanesulfonic acid (PFBS)		0.69 N*	<1.8	<1.9 N*	<1.8 N*	<1.8 N*	<1.9 N*	<1.8 N*	0.45 N*	<1.7	<1.8	4.1 N* †	54 N* †
Perfluorodecanoic acid (PFDA)		0.35 N*	<1.8	<1.9 N*	<1.8 N*	<1.8 N*	<1.9 N*	<1.8 N*	<1.7 N*	<1.7	<1.8	0.31 N* †	0.33 N* †
Perfluoroundecanoic acid (PFUnA)		<1.7 N*	<1.8	<1.9 N*	<1.8 N*	<1.8 N*	<1.9 N*	<1.8 N*	<1.7 N*	<1.7	<1.8	<1.8	<1.8
Perfluorododecanoic acid (PFDoA)		<1.7 N*	<1.8	<1.9 N*	<1.8 N*	<1.8 N*	<1.9 N*	<1.8 N*	<1.7 N*	<1.7	<1.8	<1.8	<1.8
Perfluorotridecanoic acid (PFTrDA)		<1.7 N*	<1.8	<1.9 N*	<1.8 N*	<1.8 N*	<1.9 N*	<1.8 N*	<1.7 N*	<1.7	<1.8	<1.8	<1.8
Perfluorotetradecanoic acid (PFTeA)		<1.7 N*	<1.8	<1.9 N*	<1.8 N*	<1.8 N*	<1.9 N*	<1.8 N*	<1.7 N*	<1.7	<1.8	<1.8	<1.8
N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)		<4.3 N*	<4.6	<4.6 N*	<4.5 N*	<4.6 N*	<4.8 N*	<4.5 N*	<4.3 N*	<4.4	<4.4	<4.5	<4.5
N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)		<4.3 N*	<4.6	<4.6 N*	<4.5 N*	<4.6 N*	<4.8 N*	<4.5 N*	<4.3 N*	<4.4	<4.4	<4.5	<4.5
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)		<1.7 N*	<1.8	<1.9 N*	<1.8 N*	<1.8 N*	<1.9 N*	<1.8 N*	<1.7 N*	<1.7	<1.8	<1.8	<1.8
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)		<1.7 N*	<1.8	<1.9 N*	<1.8 N*	<1.8 N*	<1.9 N*	<1.8 N*	<1.7 N*	<1.7	<1.8	<1.8	<1.8
4,8-Dioxa-3H-perfluorononanoic acid (DONA)		<1.7 N*	<1.8	<1.9 N*	<1.8 N*	<1.8 N*	<1.9 N*	<1.8 N*	<1.7 N*	<1.7	<1.8	<1.8	<1.8
Hexafluoropropylene oxide dimer acid (HFPO-DA)		<3.4 N*	<3.7	<3.7 N*	<3.6 N*	<3.7 N*	<3.8 N*	<3.6 N*	<3.4 N*	<3.5	<3.6	<3.6	<3.6
Perfluoro-octane sulfonate (PFOS)		29 N*	8.5	<1.9 N*	<1.8 N*	1.2 N*	<1.9 N*	0.53 N*	13 N*	1.8	0.88 J	53 N* †	690 N* †
Perfluoro-octanoic acid (PFOA)		0.98 N*	<1.8 B*	<1.9 N*	<1.8 N*	<1.8 N*	<1.9 N*	<1.8 N*	<1.7 N*	<1.7	<1.8 B*	3.5 N*	26 N*

Notes:

ng/L nanograms per liter

< Analyte not detected; listed as less than the reporting limit (RL) unless otherwise flagged due to quality-control (QC) failures.

J Estimated concentration, detected greater than the method detection limit (MDL) and less than the RL. Flag applied by the laboratory.

B* Result considered not detected due to contamination in a laboratory blank, reported "<RL" or detected concentration, whichever is greater. Flag applied by Shannon & Wilson, Inc.

† A higher analyte concentration was reported for the out-of-hold time analysis. This result was used for reporting purposes.

N* Analyte result is considered tentatively unidentified (non-detects)/identified (detects) due to analysis outside of hold time. Flag applied by Shannon & Wilson, Inc.