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SHAW SPORTS TURF PFAS STATEMENT –
Legion Turf Field Products

To Whom It May Concern:

Shaw has a longstanding commitment to sustainability and the responsible manufacture of our products. This includes a strong focus on the material chemistry of our products. This commitment applies to our brands and is inclusive of Shaw Sports Turf.

Based on information provided to date by suppliers, Shaw Sports Turf does not use any PFAS chemicals currently listed as part of California's Proposition 65 regulations or identified as part of USEPA's Method 537 to manufacture the components of its Legion turf field products, including the fibers and backing materials. This information is confirmed through independent, third party laboratory testing of the finished product; thus, a copy of the most recent laboratory test results for the Legion turf field products is provided for your convenience and reference.

If you should have any questions, please do not hesitate to contact the undersigned at 706-532-2185, or by email at troy.virgo@shawinc.com.

Sincerely,

A handwritten signature in black ink that reads "Troy Virgo". The signature is written in a cursive, flowing style.

Troy Virgo
Director of Sustainability
Shaw Industries Group, Inc.

PFAS by LC/MS/MS

Client: **Shaw Industries Technical Services**

Laboratory ID: **VC27011-001**

Description: **Legion**

Matrix: **Solid**

Date Sampled: **03/26/2020 0900**

Date Received: **03/27/2020**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SOP SPE	PFAS by ID SOP QSM B-15	1	04/01/2020 1034	MMM	03/30/2020 1521	49377

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	Units	Run
9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9CI-PF3ONS)	756426-58-1	PFAS by ID SO	ND	W	1.9	ug/kg	1
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)	833051-92-9	PFAS by ID SO	ND	W	1.9	ug/kg	1
1H, 1H, 2H, 2H-perfluorodecane sulfonic acid (8:2 FTS)	39108-34-4	PFAS by ID SO	ND	W	1.9	ug/kg	1
1H, 1H, 2H, 2H-perfluorooctane sulfonic acid (6:2 FTS)	27619-97-2	PFAS by ID SO	ND	W	1.9	ug/kg	1
1H,1H,2H,2H-perfluorododecane sulfonic acid (10:2 FTS)	120226-60-0	PFAS by ID SO	ND	W	0.96	ug/kg	1
1H,1H,2H,2H-perfluorohexane sulfonic acid (4:2 FTS)	757124-72-4	PFAS by ID SO	ND	W	1.9	ug/kg	1
Hexafluoropropylene oxide dimer acid (GenX)	13252-13-6	PFAS by ID SO	ND	W	3.8	ug/kg	1
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	PFAS by ID SO	ND	W	1.9	ug/kg	1
N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	4151-50-2	PFAS by ID SO	ND	W	1.9	ug/kg	1
N-ethylperfluoro-1-octanesulfonamidoacetic acid (EtFOSAA)	2991-50-6	PFAS by ID SO	ND	W	0.96	ug/kg	1
2-N-ethylperfluoro-1-octanesulfonamido-ethanol (EtFOSE)	1691-99-2	PFAS by ID SO	ND	W	1.9	ug/kg	1
N-methylperfluoro-1-octanesulfonamide (MeFOSA)	31506-32-8	PFAS by ID SO	ND	W	1.9	ug/kg	1
N-methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)	2355-31-9	PFAS by ID SO	ND	W	0.96	ug/kg	1
2-N-methylperfluoro-1-octanesulfonamido-ethanol (MeFOSE)	24448-09-7	PFAS by ID SO	ND	W	1.9	ug/kg	1
Perfluoro-1-butanefluoro-1-butanesulfonic acid (PFBS)	375-73-5	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-1-octanesulfonamide (PFOSA)	754-91-6	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-1-pentanesulfonic acid (PFPeS)	2706-91-4	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-n-butanoic acid (PFBA)	375-22-4	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-n-decanoic acid (PFDA)	335-76-2	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-n-dodecanoic acid (PFDoA)	307-55-1	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-n-heptanoic acid (PFHpA)	375-85-9	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-n-hexanoic acid (PFHxA)	307-24-4	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-n-nonanoic acid (PFNA)	375-95-1	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-n-octanoic acid (PFOA)	335-67-1	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-n-pentanoic acid (PFPeA)	2706-90-3	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-n-tetradecanoic acid (PFTeDA)	376-06-7	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-n-tridecanoic acid (PFTrDA)	72629-94-8	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluoro-n-undecanoic acid (PFUDA)	2058-94-8	PFAS by ID SO	ND	W	0.96	ug/kg	1
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	PFAS by ID SO	ND	W	0.96	ug/kg	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
13C2_4:2FTS		101	50-150
13C2_6:2FTS		103	50-150
13C2_8:2FTS	N	233	50-150
13C2_PFDaA		111	50-150
13C2_PFTeDA		99	50-150
13C3_PFBS		99	50-150
13C3_PFHxS		100	50-150
13C3-HFPO-DA		90	50-150
13C4_PFBA		112	50-150

LOQ = Limit of Quantitation B = Detected in the method blank E = Quantitation of compound exceeded the calibration range
 ND = Not detected at or above the LOQ N = Recovery is out of criteria P = The RPD between two GC columns exceeds 40%
 H = Out of holding time W = Reported on wet weight basis

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
 106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

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Surrogate	Q	Run 1 % Recovery	Acceptance Limits
13C4_PFHpA		100	50-150
13C5_PFHxA		92	50-150
13C5_PFPeA		105	50-150
13C6_PFDA		115	50-150
13C7_PFUdA		108	50-150
13C8_PFOA		104	50-150
13C8_PFOS		106	50-150
13C8_PFOSA		96	50-150
13C9_PFNA		103	50-150
d-EtFOSA		95	50-150
d5-EtFOSAA		104	50-150
d9-EtFOSE		110	50-150
d-MeFOSA		96	50-150
d3-MeFOSAA		110	50-150
d7-MeFOSE		105	50-150

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