Maxxam
A Bureau Veritas Group Company

Maxxam Job #: B6G6121
Report Date: 2016/08/23

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF WATER

Maxxam ID		CVO926			CVO928			
Sampling Date		2016/08/02 10:30			2016/08/02 16:35			
COC Number		na			na			
	UNITS	FTDIX15-002-SW-001	RDL	MDL	MCGRE11-08-MW-110-GW-018	RDL	MDL	QC Batch
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ng/L	0.87 U U	4.0	0.87	2.8 J J 10a	4.0	0.87	4622429
8:2 Fluorotelomer sulfonate	ng/L	0.99 U U	4.0	0.99	0.99 U U	4.0	0.99	4622429
Perfluorobutane Sulfonate (PFBS)	ng/L	9.0	2.0	0.27	25	2.0	0.27	4622429
Perfluorobutanoic acid	ng/L	0.41 U UJ 10a	2.0	0.41	670 (1)	20	4.1	4622429
Perfluorodecane Sulfonate	ng/L	0.78 J J	2.0	0.38	0.38 U U	2.0	0.38	4622429
Perfluorodecanoic Acid (PFDA)	ng/L	1.4 J J	2.0	0.24	0.26 J J	2.0	0.24	4622429
Perfluorododecanoic Acid (PFDoA)	ng/L	0.78 J J	2.0	0.63	0.63 U U	2.0	0.63	4622429
Perfluoroheptanoic Acid (PFHpA)	ng/L	7.9	2.0	0.39	120 (2)	20	3.9	4622429
Perfluorohexane Sulfonate (PFHxS)	ng/L	29	2.0	0.40	300 (2)	20	4.0	4622429
Perfluorohexanoic Acid (PFHxA)	ng/L	7.4	2.0	0.42	110 (2)	20	4.2	4622429
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	6.0	2.0	0.39	230 (2)	20	3.9	4622429
Perfluorononanoic Acid (PFNA)	ng/L	2.5	2.0	0.33	27	2.0	0.33	4622429
Perfluorooctane Sulfonamide (PFOSA)	ng/L	0.59 U U	4.0	0.59	0.59 U U	4.0	0.59	4622429
Perfluorooctane Sulfonate (PFOS)	ng/L	20 J 10a	2.0	0.30	53 J 10a	2.0	0.30	4622429
Perfluoropentanoic Acid (PFPeA)	ng/L	5.7	2.0	0.46	94	2.0	0.46	4622429
Perfluorotetradecanoic Acid	ng/L	0.61 U U	2.0	0.61	0.61 U UJ 10a	2.0	0.61	4622429
Perfluorotridecanoic Acid	ng/L	0.60 U U	2.0	0.60	0.60 U UJ 10a	2.0	0.60	4622429
Perfluoroundecanoic Acid (PFUnA)	ng/L	1.1 J J	2.0	0.50	0.50 U U	2.0	0.50	4622429
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	91	N/A	N/A	129	N/A	N/A	4622429
13C4-Perfluorooctanoic acid	%	79	N/A	N/A	82	N/A	N/A	4622429

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to matrix interferences, sample required 10x dilution. Detection limit was adjusted accordingly.
(2) Due to high concentration of the target analyte, sample required 10x dilution. Detection limit was adjusted accordingly.

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RESULTS OF ANALYSES OF WATER

Maxxam ID		CVO929	CVO930				CVO935			
Sampling Date		2016/08/02 15:55	2016/08/03 08:00				2016/08/04 12:20			
COC Number		na	na				na			
	UNITS	RINSATE 01	SOURCE BLANK 01	RDL	MDL	QC Batch	MCGRE05-001-GW-007	RDL	MDL	QC Batch
Miscellaneous Parameters										
6:2 Fluorotelomer sulfonate	ng/L	0.87 U	0.87 U	4.0	0.87	4615334	14000 (1)	800	210	4615344
8:2 Fluorotelomer sulfonate	ng/L	0.99 U	0.99 U	4.0	0.99	4615334	1200 (1)	800	280	4615344
Perfluorobutane Sulfonate (PFBS)	ng/L	0.27 U	0.27 U	2.0	0.27	4615334	6900 (1)	800	230	4615344
Perfluorobutanoic acid	ng/L	0.41 U	0.41 U	2.0	0.41	4615334	2300 (1)	800	200	4615344
Perfluorodecane Sulfonate	ng/L	0.38 U	0.38 U	2.0	0.38	4615334	260 J (1) J	800	220	4615344
Perfluorodecanoic Acid (PFDA)	ng/L	0.24 U	0.24 U	2.0	0.24	4615334	200 U (1) u	800	200	4615344
Perfluorododecanoic Acid (PFDoA)	ng/L	0.63 U	0.63 U	2.0	0.63	4615334	160 U (1) u	800	160	4615344
Perfluoroheptanoic Acid (PFHpA)	ng/L	0.39 U	0.39 U	2.0	0.39	4615334	2200 (1)	800	270	4615344
Perfluorohexane Sulfonate (PFHxS)	ng/L	0.40 U	0.40 U	2.0	0.40	4615334	58000 (2)	8000	1600	4615344
Perfluorohexanoic Acid (PFHxA)	ng/L	0.42 U	0.42 U	2.0	0.42	4615334	24000 (1)	800	170	4615344
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	0.39 U	0.39 U	2.0	0.39	4615334	4300 (1)	800	200	4615344
Perfluorononanoic Acid (PFNA)	ng/L	0.33 U	0.33 U	2.0	0.33	4615334	430 J (1) J	800	190	4615344
Perfluorooctane Sulfonamide (PFOSA)	ng/L	0.59 U	0.59 U	4.0	0.59	4615334	330 J (1) J	800	230	4615344
Perfluorooctane Sulfonate (PFOS)	ng/L	0.35 J	0.30 U	2.0	0.30	4615334	260000 (2)	8000	1400	4615344
Perfluoropentanoic Acid (PFPeA)	ng/L	0.46 U	0.46 U	2.0	0.46	4615334	5400 (1)	800	210	4615344
Perfluorotetradecanoic Acid	ng/L	0.61 U	0.61 U	2.0	0.61	4615334	200 U (1) u	800	200	4615344
Perfluorotridecanoic Acid	ng/L	0.60 U	0.60 U	2.0	0.60	4615334	300 U (1) u	800	300	4615344
Perfluoroundecanoic Acid (PFUnA)	ng/L	0.50 U	0.50 U	2.0	0.50	4615334	140 U (1) u	800	140	4615344
Surrogate Recovery (%)										
13C4-Perfluorooctanesulfonate	%	83	80	N/A	N/A	4615334	110	N/A	N/A	4615344
13C4-Perfluorooctanoic acid	%	83	70	N/A	N/A	4615334	109	N/A	N/A	4615344

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to high concentrations of the target analytes, sample was analyzed by high level analysis. Detection limit was adjusted accordingly.

(2) Due to high concentration of the target analyte, sample was analyzed by high level analysis with 10x dilution. Detection limit was adjusted accordingly.

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

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Maxxam Job #: B6G6121
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Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF WATER

Maxxam ID		CVO936			CVO937			
Sampling Date		2016/08/04 12:20			2016/08/04 17:25			
COC Number		na			na			
	UNITS	MCGRE-05-001-GW-907	RDL	MDL	MCGRE05-006-GW-0010	RDL	MDL	QC Batch
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ng/L	16000 (1)	800	210	3500 (1)	800	210	4615344
8:2 Fluorotelomer sulfonate	ng/L	1200 (1)	800	280	550 J (1) J	800	280	4615344
Perfluorobutane Sulfonate (PFBS)	ng/L	7200 (1)	800	230	1100 (1)	800	230	4615344
Perfluorobutanoic acid	ng/L	2300 (1)	800	200	620 J (1) J	800	200	4615344
Perfluorodecane Sulfonate	ng/L	250 J (1) J	800	220	220 U (1) U	800	220	4615344
Perfluorodecanoic Acid (PFDA)	ng/L	200 U (1) U	800	200	200 U (1) U	800	200	4615344
Perfluorododecanoic Acid (PFDoA)	ng/L	160 U (1) U	800	160	160 U (1) U	800	160	4615344
Perfluoroheptanoic Acid (PFHpA)	ng/L	2100 (1)	800	270	420 J (1) J	800	270	4615344
Perfluorohexane Sulfonate (PFHxS)	ng/L	60000 (2)	8000	1600	9600 (1)	800	160	4615344
Perfluorohexanoic Acid (PFHxA)	ng/L	24000 (1)	800	170	3200 (1)	800	170	4615344
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	4000 (1)	800	200	940 (1)	800	200	4615344
Perfluorononanoic Acid (PFNA)	ng/L	430 J (1) J	800	190	190 U (1) U	800	190	4615344
Perfluorooctane Sulfonamide (PFOSA)	ng/L	300 J (1) J	800	230	370 J (1) J	800	230	4615344
Perfluorooctane Sulfonate (PFOS)	ng/L	240000 (2)	8000	1400	44000 (1)	800	140	4615344
Perfluoropentanoic Acid (PFPeA)	ng/L	5400 (1)	800	210	1300 (1)	800	210	4615344
Perfluorotetradecanoic Acid	ng/L	200 U (1) U	800	200	200 U (1) U	800	200	4615344
Perfluorotridecanoic Acid	ng/L	300 U (1) U	800	300	300 U (1) U	800	300	4615344
Perfluoroundecanoic Acid (PFUnA)	ng/L	140 U (1) U	800	140	140 U (1) U	800	140	4615344
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	106	N/A	N/A	103	N/A	N/A	4615344
13C4-Perfluorooctanoic acid	%	104	N/A	N/A	107	N/A	N/A	4615344

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
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(2) Due to high concentration of the target analyte, sample was analyzed by high level analysis with 10x dilution. Detection limit was adjusted accordingly.

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RESULTS OF ANALYSES OF WATER

Maxxam ID		CVO938				CVO939			
Sampling Date		2016/08/04 18:05				2016/08/05 09:40			
COC Number		na				na			
	UNITS	RINSATE 03	RDL	MDL	QC Batch	MCGR05-004-GW-013	RDL	MDL	QC Batch
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ng/L	0.87 U	4.0	0.87	4615334	52 (1)	40	8.7	4622429
8:2 Fluorotelomer sulfonate	ng/L	0.99 U	4.0	0.99	4615334	9.9 U (1) U	40	9.9	4622429
Perfluorobutane Sulfonate (PFBS)	ng/L	0.27 U	2.0	0.27	4615334	230 (1)	20	2.7	4622429
Perfluorobutanoic acid	ng/L	0.41 U	2.0	0.41	4615334	66 (1)	20	4.1	4622429
Perfluorodecane Sulfonate	ng/L	0.38 U	2.0	0.38	4615334	3.8 U (1) U	20	3.8	4622429
Perfluorodecanoic Acid (PFDA)	ng/L	0.24 U	2.0	0.24	4615334	2.4 U (1) U	20	2.4	4622429
Perfluorododecanoic Acid (PFDoA)	ng/L	0.63 U	2.0	0.63	4615334	6.3 U (1) U	20	6.3	4622429
Perfluoroheptanoic Acid (PFHpA)	ng/L	0.39 U	2.0	0.39	4615334	55 (1)	20	3.9	4622429
Perfluorohexane Sulfonate (PFHxS)	ng/L	0.40 U	2.0	0.40	4615334	2600 (2)	800	160	4615344
Perfluorohexanoic Acid (PFHxA)	ng/L	0.42 U	2.0	0.42	4615334	320 (1)	20	4.2	4622429
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	0.39 U	2.0	0.39	4615334	78 (1)	20	3.9	4622429
Perfluorononanoic Acid (PFNA)	ng/L	0.33 U	2.0	0.33	4615334	8.3 J (1) J	20	3.3	4622429
Perfluorooctane Sulfonamide (PFOSA)	ng/L	0.59 U	4.0	0.59	4615334	7.4 J (1) J	40	5.9	4622429
Perfluorooctane Sulfonate (PFOS)	ng/L	0.30 U	2.0	0.30	4615334	1600 (2)	800	140	4615344
Perfluoropentanoic Acid (PFPeA)	ng/L	0.46 U	2.0	0.46	4615334	120 (1)	20	4.6	4622429
Perfluorotetradecanoic Acid	ng/L	0.61 U	2.0	0.61	4615334	6.1 U (1) UJ 10%	20	6.1	4622429
Perfluorotridecanoic Acid	ng/L	0.60 U	2.0	0.60	4615334	6.0 U (1) UJ 10%	20	6.0	4622429
Perfluoroundecanoic Acid (PFUnA)	ng/L	0.50 U	2.0	0.50	4615334	5.0 U (1) U	20	5.0	4622429
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	101	N/A	N/A	4615334	103	N/A	N/A	4615344
13C4-Perfluorooctanoic acid	%	103	N/A	N/A	4615334	93	N/A	N/A	4622429

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to high concentrations of the target analytes, sample required 10x dilution. Detection limit was adjusted accordingly.

(2) Due to high concentration of the target analyte, sample was analyzed by high level analysis. Detection limit was adjusted accordingly.

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RESULTS OF ANALYSES OF WATER

Maxxam ID		CVO940				CVO941			
Sampling Date		2016/08/03 09:40				2016/08/03 12:20			
COC Number		na				na			
	UNITS	MCGRE11-08-MW-051-GW-020	RDL	MDL	QC Batch	MCGRE11-08-050-GW-023	RDL	MDL	QC Batch
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ng/L	8.6 J 10a	4.0	0.87	4622429	0.87 U U	4.0	0.87	4622429
8:2 Fluorotelomer sulfonate	ng/L	0.99 U U	4.0	0.99	4622429	0.99 U U	4.0	0.99	4622429
Perfluorobutane Sulfonate (PFBS)	ng/L	110 (1)	20	2.7	4622429	250 (1)	20	2.7	4622429
Perfluorobutanoic acid	ng/L	520 (1)	20	4.1	4622429	790 (1)	20	4.1	4622429
Perfluorodecane Sulfonate	ng/L	0.38 U U	2.0	0.38	4622429	0.38 U U	2.0	0.38	4622429
Perfluorodecanoic Acid (PFDA)	ng/L	0.42 J J	2.0	0.24	4622429	0.25 J J	2.0	0.24	4622429
Perfluorododecanoic Acid (PFDoA)	ng/L	0.63 U U	2.0	0.63	4622429	0.63 U U	2.0	0.63	4622429
Perfluoroheptanoic Acid (PFHpA)	ng/L	16	2.0	0.39	4622429	38	2.0	0.39	4622429
Perfluorohexane Sulfonate (PFHxS)	ng/L	980 (2)	800	160	4615344	180 (1)	20	4.0	4622429
Perfluorohexanoic Acid (PFHxA)	ng/L	75	2.0	0.42	4622429	250 (1)	20	4.2	4622429
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	63	2.0	0.39	4622429	72	2.0	0.39	4622429
Perfluorononanoic Acid (PFNA)	ng/L	11	2.0	0.33	4622429	8.8	2.0	0.33	4622429
Perfluorooctane Sulfonamide (PFOSA)	ng/L	0.59 U U	4.0	0.59	4622429	0.59 U U	4.0	0.59	4622429
Perfluorooctane Sulfonate (PFOS)	ng/L	370 (1) J 10a	20	3.0	4622429	38 J 10a	2.0	0.30	4622429
Perfluoropentanoic Acid (PFPeA)	ng/L	16	2.0	0.46	4622429	72	2.0	0.46	4622429
Perfluorotetradecanoic Acid	ng/L	0.61 U UJ 10a	2.0	0.61	4622429	0.61 U UJ 10a	2.0	0.61	4622429
Perfluorotridecanoic Acid	ng/L	0.60 U UJ 10a	2.0	0.60	4622429	0.60 U UJ 10a	2.0	0.60	4622429
Perfluoroundecanoic Acid (PFUnA)	ng/L	0.50 U U	2.0	0.50	4622429	0.50 U U	2.0	0.50	4622429
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	80	N/A	N/A	4622429	115	N/A	N/A	4622429
13C4-Perfluorooctanoic acid	%	91	N/A	N/A	4622429	104	N/A	N/A	4622429

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RESULTS OF ANALYSES OF WATER

Maxxam ID		CVO942	CVO943			CVO944			
Sampling Date		2016/08/03 15:20	2016/08/03 15:20			2016/08/03 13:30			
COC Number		na	na			na			
	UNITS	MCGRE11-08-MW-021-GW-020	MCGRE11-08-MW-021-GW-920	RDL	MDL	MCGRE11-003-SW-001	RDL	MDL	QC Batch
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ng/L	0.87 U U	0.87 U U	4.0	0.87	9.0 J 10a	4.0	0.87	4622429
8:2 Fluorotelomer sulfonate	ng/L	0.99 U U	0.99 U U	4.0	0.99	0.99 U U	4.0	0.99	4622429
Perfluorobutane Sulfonate (PFBS)	ng/L	14	16	2.0	0.27	16	2.0	0.27	4622429
Perfluorobutanoic acid	ng/L	360 (1)	440 (1)	20	4.1	15	2.0	0.41	4622429
Perfluorodecane Sulfonate	ng/L	0.38 U U	0.38 U U	2.0	0.38	0.38 U U	2.0	0.38	4622429
Perfluorodecanoic Acid (PFDA)	ng/L	0.28 J J	0.24 J J	2.0	0.24	0.87 J J	2.0	0.24	4622429
Perfluorododecanoic Acid (PFDoA)	ng/L	0.63 U UJ 10a	0.63 U U	2.0	0.63	0.63 U U	2.0	0.63	4622429
Perfluoroheptanoic Acid (PFHpA)	ng/L	9.3	9.0	2.0	0.39	9.2	2.0	0.39	4622429
Perfluorohexane Sulfonate (PFHxS)	ng/L	22	22	2.0	0.40	53	2.0	0.40	4622429
Perfluorohexanoic Acid (PFHxA)	ng/L	15	15	2.0	0.42	30	2.0	0.42	4622429
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	17	16	2.0	0.39	12	2.0	0.39	4622429
Perfluorononanoic Acid (PFNA)	ng/L	2.0 J J	2.0 J J	2.0	0.33	2.4	2.0	0.33	4622429
Perfluorooctane Sulfonamide (PFOSA)	ng/L	0.59 U U	0.59 U U	4.0	0.59	0.59 U U	4.0	0.59	4622429
Perfluorooctane Sulfonate (PFOS)	ng/L	4.5 J 10a	4.7 J 10a	2.0	0.30	37 J 10a	2.0	0.30	4622429
Perfluoropentanoic Acid (PFPeA)	ng/L	10	11	2.0	0.46	27	2.0	0.46	4622429
Perfluorotetradecanoic Acid	ng/L	0.61 U UJ 10a	0.61 U UJ 10a	2.0	0.61	0.61 U UJ 10a	2.0	0.61	4622429
Perfluorotridecanoic Acid	ng/L	0.60 U UJ 10a	0.60 U UJ 10a	2.0	0.60	0.60 U UJ 10a	2.0	0.60	4622429
Perfluoroundecanoic Acid (PFUnA)	ng/L	0.50 U U	0.50 U U	2.0	0.50	0.50 U U	2.0	0.50	4622429
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	85	81	N/A	N/A	84	N/A	N/A	4622429
13C4-Perfluorooctanoic acid	%	82	78	N/A	N/A	80	N/A	N/A	4622429

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N/A = Not Applicable
(1) Due to matrix interferences, sample required 10x dilution. Detection limit was adjusted accordingly.

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Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF WATER

Maxxam ID		CVO946				CVO948			
Sampling Date		2016/08/04 13:45				2016/08/04 16:30			
COC Number		na				na			
	UNITS	MCGRE06-008-SW-001	RDL	MDL	QC Batch	MCGRE06-03-MW-36R-GW-005	RDL	MDL	QC Batch
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ng/L	760 (1)	80	17	4622429	8800 (2)	800	210	4615344
8:2 Fluorotelomer sulfonate	ng/L	160 (1)	80	20	4622429	430 J (2) J	800	280	4615344
Perfluorobutane Sulfonate (PFBS)	ng/L	230 (1)	40	5.4	4622429	1500 (2)	800	230	4615344
Perfluorobutanoic acid	ng/L	300 (1)	40	8.2	4622429	1600 (2)	800	200	4615344
Perfluorodecane Sulfonate	ng/L	7.6 U (1) U	40	7.6	4622429	220 U (2) U	800	220	4615344
Perfluorodecanoic Acid (PFDA)	ng/L	29 J (1) J	40	4.8	4622429	200 U (2) U	800	200	4615344
Perfluorododecanoic Acid (PFDoA)	ng/L	13 U (1) U	40	13	4622429	160 U (2) U	800	160	4615344
Perfluoroheptanoic Acid (PFHpA)	ng/L	580 (1)	40	7.8	4622429	3500 (2)	800	270	4615344
Perfluorohexane Sulfonate (PFHxS)	ng/L	3500 (3)	800	160	4615344	20000 (2)	800	160	4615344
Perfluorohexanoic Acid (PFHxA)	ng/L	1200 (3)	800	170	4615344	7300 (2)	800	170	4615344
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	630 (1)	40	7.8	4622429	4900 (2)	800	200	4615344
Perfluorononanoic Acid (PFNA)	ng/L	260 (1)	40	6.6	4622429	4700 (2)	800	190	4615344
Perfluorooctane Sulfonamide (PFOSA)	ng/L	19 J (1) J	80	12	4622429	230 U (2) U	800	230	4615344
Perfluorooctane Sulfonate (PFOS)	ng/L	8200 (3) J10a	800	140	4615344	48000 (4)	8000	1400	4615344
Perfluoropentanoic Acid (PFPeA)	ng/L	1300 (3)	800	210	4615344	5700 (2)	800	210	4615344
Perfluorotetradecanoic Acid	ng/L	12 U (1) U	40	12	4622429	200 U (2) U	800	200	4615344
Perfluorotridecanoic Acid	ng/L	12 U (1) U	40	12	4622429	300 U (2) U	800	300	4615344
Perfluoroundecanoic Acid (PFUnA)	ng/L	26 J (1) J	40	10	4622429	140 U (2) U	800	140	4615344
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	102	N/A	N/A	4615344	110	N/A	N/A	4615344
13C4-Perfluorooctanoic acid	%	99	N/A	N/A	4622429	103	N/A	N/A	4615344

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to high concentrations of the target analytes, sample required 20x dilution. Detection limit was adjusted accordingly.
(2) Due to high concentrations of the target analytes, sample was analyzed by high level analysis. Detection limit was adjusted accordingly.
(3) Due to high concentration of the target analyte, sample was analyzed by high level analysis. Detection limit was adjusted accordingly.
(4) Due to high concentration of the target analyte, sample was analyzed by high level analysis with 10x dilution. Detection limit was adjusted accordingly.

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Maxxam Job #: B6G6121
Report Date: 2016/08/23

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF WATER

Maxxam ID		CVO949				CVO950		CVO951			
Sampling Date		2016/08/03 10:45				2016/08/05 10:05		2016/08/05 10:05			
COC Number		na				na		na			
	UNITS	RINSATE-02	RDL	MDL	QC Batch	MCGRE06-03-MW-106-GW-012	MDL	MCGRE-06-03-MW-106-GW-912	RDL	MDL	QC Batch
Miscellaneous Parameters											
6:2 Fluorotelomer sulfonate	ng/L	0.87 U	4.0	0.87	4615334	360 (1)	44	360 (1)	200	44	4622429
8:2 Fluorotelomer sulfonate	ng/L	0.99 U	4.0	0.99	4615334	100 J (1)	50	100 J (1) J	200	50	4622429
Perfluorobutane Sulfonate (PFBS)	ng/L	0.27 U	2.0	0.27	4615334	550 (1)	14	560 (1)	100	14	4622429
Perfluorobutanoic acid	ng/L	0.41 U	2.0	0.41	4615334	260 (1)	21	260 (1)	100	21	4622429
Perfluorodecane Sulfonate	ng/L	0.38 U	2.0	0.38	4615334	19 U (1) U	19	19 U (1) U	100	19	4622429
Perfluorodecanoic Acid (PFDA)	ng/L	0.24 U	2.0	0.24	4615334	28 J (1) J	12	28 J (1) J	100	12	4622429
Perfluorododecanoic Acid (PFDoA)	ng/L	0.63 U	2.0	0.63	4615334	32 U (1) U	32	32 U (1) U	100	32	4622429
Perfluoroheptanoic Acid (PFHpA)	ng/L	0.39 U	2.0	0.39	4615334	460 (1)	20	460 (1)	100	20	4622429
Perfluorohexane Sulfonate (PFHxS)	ng/L	0.40 U	2.0	0.40	4615334	9200 (2)	160	9000 (2)	800	80	4615344
Perfluorohexanoic Acid (PFHxA)	ng/L	0.42 U	2.0	0.42	4615334	1400 (2)	170	1400 (2)	800	84	4615344
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	0.39 U	2.0	0.39	4615334	780 (1)	20	750 (1)	100	20	4622429
Perfluorononanoic Acid (PFNA)	ng/L	0.33 U	2.0	0.33	4615334	300 (1)	17	310 (1)	100	17	4622429
Perfluorooctane Sulfonamide (PFOSA)	ng/L	0.59 U	4.0	0.59	4615334	30 U (1) U	30	30 U (1) U	200	30	4622429
Perfluorooctane Sulfonate (PFOS)	ng/L	0.30 U	2.0	0.30	4615334	21000 (2)	140	21000 (2)	800	60	4615344
Perfluoropentanoic Acid (PFPeA)	ng/L	0.46 U	2.0	0.46	4615334	720 (1) J	23	770 (1) J	100	23	4622429
Perfluorotetradecanoic Acid	ng/L	0.61 U	2.0	0.61	4615334	31 U (1) U	31	31 U (1) U	100	31	4622429
Perfluorotridecanoic Acid	ng/L	0.60 U	2.0	0.60	4615334	30 U (1) U	30	30 U (1) U	100	30	4622429
Perfluoroundecanoic Acid (PFUnA)	ng/L	0.50 U	2.0	0.50	4615334	29 J (1) J	25	32 J (1) J	100	25	4622429
Surrogate Recovery (%)											
13C4-Perfluorooctanesulfonate	%	81	N/A	N/A	4615334	102	N/A	105	N/A	N/A	4615344
13C4-Perfluorooctanoic acid	%	87	N/A	N/A	4615334	89	N/A	93	N/A	N/A	4622429

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to high concentrations of the target analytes, sample required 50x dilution. Detection limit was adjusted accordingly.
(2) Due to high concentration of the target analyte, sample was analyzed by high level analysis. Detection limit was adjusted accordingly.

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Maxxam Job #: B6G6121
Report Date: 2016/08/23

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF WATER

Maxxam ID		CVO953	CVO954			
Sampling Date		2016/08/05 10:55	2016/08/05 11:25			
COC Number		na	na			
	UNITS	MCGRE-06-006-SW-001	MCGRE06-007-SW-001	RDL	MDL	QC Batch
Miscellaneous Parameters						
6:2 Fluorotelomer sulfonate	ng/L	190 (1)	150 (1)	40	8.7	4622429
8:2 Fluorotelomer sulfonate	ng/L	57 (1)	59 (1)	40	9.9	4622429
Perfluorobutane Sulfonate (PFBS)	ng/L	61 (1)	100 (1)	20	2.7	4622429
Perfluorobutanoic acid	ng/L	86 (1)	140 (1)	20	4.1	4622429
Perfluorodecane Sulfonate	ng/L	8.1 J (1) J	3.8 U (1) U	20	3.8	4622429
Perfluorodecanoic Acid (PFDA)	ng/L	11 J (1) J	17 J (1) J	20	2.4	4622429
Perfluorododecanoic Acid (PFDoA)	ng/L	6.3 U (1) U	6.3 U (1) U	20	6.3	4622429
Perfluoroheptanoic Acid (PFHpA)	ng/L	170 (1)	290 (1)	20	3.9	4622429
Perfluorohexane Sulfonate (PFHxS)	ng/L	1200 (2)	2000 (2)	800	160	4615344
Perfluorohexanoic Acid (PFHxA)	ng/L	310 (1)	490 (1)	20	4.2	4622429
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	180 (1)	330 (1)	20	3.9	4622429
Perfluorononanoic Acid (PFNA)	ng/L	65 (1)	130 (1)	20	3.3	4622429
Perfluorooctane Sulfonamide (PFOSA)	ng/L	5.9 U (1) U	5.9 U (1) U	40	5.9	4622429
Perfluorooctane Sulfonate (PFOS)	ng/L	3300 (2) J 10a	5100 (2) J 10a	800	140	4615344
Perfluoropentanoic Acid (PFPeA)	ng/L	300 (1)	540 (1)	20	4.6	4622429
Perfluorotetradecanoic Acid	ng/L	6.1 U (1) U	6.1 U (1) U	20	6.1	4622429
Perfluorotridecanoic Acid	ng/L	6.0 U (1) U	6.0 U (1) U	20	6.0	4622429
Perfluoroundecanoic Acid (PFUnA)	ng/L	29 (1)	16 J (1) J	20	5.0	4622429
Surrogate Recovery (%)						
13C4-Perfluorooctanesulfonate	%	96	103	N/A	N/A	4615344
13C4-Perfluorooctanoic acid	%	92	88	N/A	N/A	4622429

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to high concentrations of the target analytes, sample required 10x dilution. Detection limit was adjusted accordingly.
(2) Due to high concentration of the target analyte, sample was analyzed by high level analysis. Detection limit was adjusted accordingly.

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Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
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RESULTS OF ANALYSES OF WATER

Maxxam ID		CVO956			
Sampling Date		2016/08/05 13:10			
COC Number		na			
	UNITS	MCGRE06-03-MW-105-GW-012	RDL	MDL	QC Batch
Miscellaneous Parameters					
6:2 Fluorotelomer sulfonate	ng/L	15000 (1)	800	210	4615344
8:2 Fluorotelomer sulfonate	ng/L	4400 (1)	800	280	4615344
Perfluorobutane Sulfonate (PFBS)	ng/L	520 (2) J 7a	100	14	4622429
Perfluorobutanoic acid	ng/L	2000 (1)	800	200	4615344
Perfluorodecane Sulfonate	ng/L	19 U (2) u	100	19	4622429
Perfluorodecanoic Acid (PFDA)	ng/L	98 J (2) J	100	12	4622429
Perfluorododecanoic Acid (PFDoA)	ng/L	32 U (2) u	100	32	4622429
Perfluoroheptanoic Acid (PFHpA)	ng/L	3400 (1)	800	270	4615344
Perfluorohexane Sulfonate (PFHxS)	ng/L	8500 (1) J 7a	800	160	4615344
Perfluorohexanoic Acid (PFHxA)	ng/L	6200 (1)	800	170	4615344
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	2400 (1)	800	200	4615344
Perfluorononanoic Acid (PFNA)	ng/L	220 (2)	100	17	4622429
Perfluorooctane Sulfonamide (PFOSA)	ng/L	190 J (2) J	200	30	4622429
Perfluorooctane Sulfonate (PFOS)	ng/L	5000 (1) J 7a	800	140	4615344
Perfluoropentanoic Acid (PFPeA)	ng/L	7600 (1)	800	210	4615344
Perfluorotetradecanoic Acid	ng/L	31 U (2) u	100	31	4622429
Perfluorotridecanoic Acid	ng/L	50 J (2) J	100	30	4622429
Perfluoroundecanoic Acid (PFUnA)	ng/L	62 J (2) J	100	25	4622429

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

(1) Due to high concentration of the target analyte, sample was analyzed by high level analysis. Detection limit was adjusted accordingly.

(2) Due to high concentrations of the target analytes, sample required 50x dilution. Detection limit was adjusted accordingly.

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RESULTS OF ANALYSES OF WATER

Maxxam ID		CVO956			
Sampling Date		2016/08/05 13:10			
COC Number		na			
	UNITS	**MCGRE06-03-MW-105-GW-012**	**RDL**	**MDL**	**QC Batch**
Surrogate Recovery (%)					
13C4-Perfluorooctanesulfonate	%	137 Q (1)	N/A	N/A	4615344
13C4-Perfluorooctanoic acid	%	122	N/A	N/A	4615344

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Surrogate recovery was above the defined upper control limit (UCL). Laboratory spiked water resulted in satisfactory recovery of the surrogate. When considered together, these QC data suggest that matrix interferences may be biasing the data high. Because quantitation is performed using isotope dilution techniques, any apparent gains of the native compound that may occur during any of the sample preparation, extraction, cleanup or determinative steps will be mirrored by a similar gain of the labeled standard, and as such can be accounted for and corrected. Therefore, the quantification of these target compounds is not affected by the high surrogate recovery.

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Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVO927			CVO931	CVO932			
Sampling Date		2016/08/02 10:50			2016/08/03 10:50	2016/08/03 15:40			
COC Number		na			na	na			
	UNITS	FTDIX15-002-SD-001	RDL	MDL	MCGRE11-001-S0-009	MCGRE11-002-S0-009	RDL	MDL	QC Batch
Inorganics									
Moisture	%	47	1.0	0.50	22	18	1.0	0.50	4617094
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	0.38 U UJ 7a	1.5	0.38	0.28 U U	0.28 U U	1.1	0.28	4615738
8:2 Fluorotelomer sulfonate	ug/kg	0.32 U	1.5	0.32	0.23 U	0.23 U U	1.1	0.23	4615738
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.38 U	1.5	0.38	0.28 U	1.5	1.1	0.28	4615738
Perfluorobutanoic acid	ug/kg	0.35 U	1.5	0.35	0.25 U	0.39 J J	1.1	0.25	4615738
Perfluorodecane Sulfonate	ug/kg	0.41 J J 7a	1.5	0.30	0.22 U	0.22 U U	1.1	0.22	4615738
Perfluorodecanoic Acid (PFDA)	ug/kg	0.42 U UJ 7a	1.5	0.42	0.31 U	0.31 U U	1.1	0.31	4615738
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.36 U	1.5	0.36	0.26 U	0.26 U U	1.1	0.26	4615738
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.27 U	1.5	0.27	0.20 U	0.26 J J	1.1	0.20	4615738
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.29 U	1.5	0.29	0.21 U	4.2	1.1	0.21	4615738
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.32 U	1.5	0.32	0.23 U	1.5	1.1	0.23	4615738
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.18 U	1.5	0.18	0.13 U	0.37 J J	1.1	0.13	4615738
Perfluorononanoic Acid (PFNA)	ug/kg	0.21 U	1.5	0.21	0.15 U	0.15 U U	1.1	0.15	4615738
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.26 U	1.5	0.26	0.19 U	0.19 U U	1.1	0.19	4615738
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.59 J J 7a, 10a	1.5	0.24	0.95 J J	1.3	1.1	0.18	4615738
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.32 U UJ 7a	1.5	0.32	0.23 U U	0.30 J J	1.1	0.23	4615738
Perfluorotetradecanoic Acid	ug/kg	0.37 J J 7a	1.5	0.33	0.24 U	0.24 U U	1.1	0.24	4615738
Perfluorotridecanoic Acid	ug/kg	0.40 J J 7a	1.5	0.38	0.28 U	0.28 U U	1.1	0.28	4615738
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.39 U UJ 7a	1.5	0.39	0.29 U	0.29 U U	1.1	0.29	4615738
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	84	N/A	N/A	83	86	N/A	N/A	4615738
13C4-Perfluorooctanoic acid	%	84	N/A	N/A	87	90	N/A	N/A	4615738
13C8-Perfluorooctanesulfonamide	%	69	N/A	N/A	75	74	N/A	N/A	4615738

RDL = Reportable Detection Limit
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N/A = Not Applicable

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Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVO933			CVO934	CVO945			
Sampling Date		2016/08/04			2016/08/04	2016/08/03 13:30			
COC Number		na			na	na			
	UNITS	MCGRE05-001-SS-001	RDL	MDL	MCGRE05-001-S0-007	MCGRE11-003-SD-001	RDL	MDL	QC Batch
Inorganics									
Moisture	%	16	1.0	0.50	17	21	1.0	0.50	4617094
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	4.5	1.1	0.28	5.4 J 7a	0.28 U U	1.1	0.28	4615738
8:2 Fluorotelomer sulfonate	ug/kg	0.51 J J	1.1	0.23	0.23 U UJ 7a	0.23 U	1.1	0.23	4615738
Perfluorobutane Sulfonate (PFBS)	ug/kg	1.4	1.1	0.28	3.2 J 7a	0.28 U	1.1	0.28	4615738
Perfluorobutanoic acid	ug/kg	1.8	1.1	0.25	0.98 J J 7a	0.25 U	1.1	0.25	4615738
Perfluorodecane Sulfonate	ug/kg	17	1.1	0.22	0.22 U UJ 7a	0.22 U	1.1	0.22	4615738
Perfluorodecanoic Acid (PFDA)	ug/kg	4.2	1.1	0.31	0.31 U	0.31 U	1.1	0.31	4615738
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.59 J J	1.1	0.26	0.26 U	0.26 U	1.1	0.26	4615738
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.91 J J	1.1	0.20	0.68 J J 7a	0.20 U	1.1	0.20	4615738
Perfluorohexane Sulfonate (PFHxS)	ug/kg	61	11	2.1	22 J 8a 7a	0.21 U	1.1	0.21	4615738
Perfluorohexanoic Acid (PFHxA)	ug/kg	4.7	1.1	0.23	5.7 J 7a	0.23 U	1.1	0.23	4615738
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	2.3	1.1	0.13	0.95 J J 7a	0.13 U	1.1	0.13	4615738
Perfluorononanoic Acid (PFNA)	ug/kg	0.75 J J	1.1	0.15	0.15 U UJ 7a	0.15 U	1.1	0.15	4615738
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	37	1.1	0.19	0.19 U UJ 7a	0.19 U	1.1	0.19	4615738
Perfluorooctane Sulfonate (PFOS)	ug/kg	500	11	1.8	40 J 8a 7a	0.26 J J	1.1	0.18	4615738
Perfluoropentanoic Acid (PFPeA)	ug/kg	3.3	1.1	0.23	2.3 J 7a	0.23 U U	1.1	0.23	4615738
Perfluorotetradecanoic Acid	ug/kg	0.24 J J	1.1	0.24	0.24 U UJ 7a	0.24 U	1.1	0.24	4615738
Perfluorotridecanoic Acid	ug/kg	0.36 J J	1.1	0.28	0.28 U	0.28 U	1.1	0.28	4615738
Perfluoroundecanoic Acid (PFUnA)	ug/kg	2.2	1.1	0.29	0.29 U	0.29 U	1.1	0.29	4615738
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	94	N/A	N/A	82	87	N/A	N/A	4615738
13C4-Perfluorooctanoic acid	%	99	N/A	N/A	90	86	N/A	N/A	4615738
13C8-Perfluorooctanesulfonamide	%	83	N/A	N/A	63	84	N/A	N/A	4615738

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVO947			CVO952			
Sampling Date		2016/08/04 13:45			2016/08/05 10:55			
COC Number		na			na			
	UNITS	MCGRE06-008-SD-001	RDL	MDL	MCGRE-06-006-SD-001	RDL	MDL	QC Batch
Inorganics								
Moisture	%	28	1.0	0.50	34	1.0	0.50	4617094
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.33 U U	1.3	0.33	0.38 U U	1.5	0.38	4615738
8:2 Fluorotelomer sulfonate	ug/kg	1.1 J J	1.3	0.27	0.49 J J	1.5	0.32	4615738
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.33 U U	1.3	0.33	0.38 U U	1.5	0.38	4615738
Perfluorobutanoic acid	ug/kg	0.40 J J	1.3	0.30	0.35 U U	1.5	0.35	4615738
Perfluorodecane Sulfonate	ug/kg	0.76 J J	1.3	0.26	0.65 J J	1.5	0.30	4615738
Perfluorodecanoic Acid (PFDA)	ug/kg	0.36 U U	1.3	0.36	0.42 U U	1.5	0.42	4615738
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.31 U U	1.3	0.31	0.45 J J	1.5	0.36	4615738
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.49 J J	1.3	0.23	0.35 J J	1.5	0.27	4615738
Perfluorohexane Sulfonate (PFHxS)	ug/kg	1.2 J J	1.3	0.25	3.1	1.5	0.29	4615738
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.40 J J	1.3	0.27	0.32 U U	1.5	0.32	4615738
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.51 J J	1.3	0.16	0.78 J J	1.5	0.18	4615738
Perfluorononanoic Acid (PFNA)	ug/kg	0.55 J J	1.3	0.18	0.78 J J	1.5	0.21	4615738
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.53 J J	1.3	0.22	0.37 J J	1.5	0.26	4615738
Perfluorooctane Sulfonate (PFOS)	ug/kg	19	1.3	0.21	120	15	2.4	4615738
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.61 J J	1.3	0.27	0.32 U U	1.5	0.32	4615738
Perfluorotetradecanoic Acid	ug/kg	0.29 U U	1.3	0.29	0.34 J J	1.5	0.33	4615738
Perfluorotridecanoic Acid	ug/kg	0.38 J J	1.3	0.33	5.0	1.5	0.38	4615738
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.92 J	1.3	0.34	0.90 J J	1.5	0.39	4615738
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	81	N/A	N/A	80	N/A	N/A	4615738
13C4-Perfluorooctanoic acid	%	81	N/A	N/A	76	N/A	N/A	4615738
13C8-Perfluorooctanesulfonamide	%	73	N/A	N/A	72	N/A	N/A	4615738

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

Maxxam Analytics International Corporation o/a Maxxam Analytics 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.maxxam.ca

Maxxam
A Bureau Veritas Group Company

Maxxam Job #: B6G6121
Report Date: 2016/08/23

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVO955			
Sampling Date		2016/08/05 11:25			
COC Number		na			
	UNITS	MCGRE06-007-SD-001	RDL	MDL	QC Batch
Inorganics					
Moisture	%	30	1.0	0.50	4617094
Miscellaneous Parameters					
6:2 Fluorotelomer sulfonate	ug/kg	0.33 U U	1.3	0.33	4615738
8:2 Fluorotelomer sulfonate	ug/kg	0.27 U U	1.3	0.27	4615738
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.33 U U	1.3	0.33	4615738
Perfluorobutanoic acid	ug/kg	0.39 J J	1.3	0.30	4615738
Perfluorodecane Sulfonate	ug/kg	0.83 J J	1.3	0.26	4615738
Perfluorodecanoic Acid (PFDA)	ug/kg	0.36 U U	1.3	0.36	4615738
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.38 J J	1.3	0.31	4615738
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.35 J J	1.3	0.23	4615738
Perfluorohexane Sulfonate (PFHxS)	ug/kg	1.5	1.3	0.25	4615738
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.33 J J	1.3	0.27	4615738
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.34 J J	1.3	0.16	4615738
Perfluorononanoic Acid (PFNA)	ug/kg	0.21 J J	1.3	0.18	4615738
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.72 J J	1.3	0.22	4615738
Perfluorooctane Sulfonate (PFOS)	ug/kg	13	1.3	0.21	4615738
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.35 J J	1.3	0.27	4615738
Perfluorotetradecanoic Acid	ug/kg	0.32 J J	1.3	0.29	4615738
Perfluorotridecanoic Acid	ug/kg	5.1	1.3	0.33	4615738
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.61 J J	1.3	0.34	4615738
Surrogate Recovery (%)					
13C4-Perfluorooctanesulfonate	%	78	N/A	N/A	4615738
13C4-Perfluorooctanoic acid	%	80	N/A	N/A	4615738
13C8-Perfluorooctanesulfonamide	%	73	N/A	N/A	4615738

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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Maxxam
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Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CWN323	CWN323			CWN324			
Sampling Date		2016/08/09 09:05	2016/08/09 09:05			2016/08/09 10:05			
COC Number		259	259			259			
	UNITS	MCGRE01-012-SS-001	MCGRE01-012-SS-001 Lab-Dup	RDL	MDL	MCGRE01-012-SO-011	RDL	MDL	QC Batch
Inorganics									
Moisture	%	8.0	8.6	1.0	0.50	14	1.0	0.50	4621607
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	0.25 U u	N/A	1.0	0.25	0.24 U u	0.97	0.24	4620127
8:2 Fluorotelomer sulfonate	ug/kg	0.21 U	N/A	1.0	0.21	0.20 U	0.97	0.20	4620127
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.25 U	N/A	1.0	0.25	0.24 U	0.97	0.24	4620127
Perfluorobutanoic acid	ug/kg	0.71 J J	N/A	1.0	0.23	0.22 U	0.97	0.22	4620127
Perfluorodecane Sulfonate	ug/kg	0.21 J J	N/A	1.0	0.20	0.19 U	0.97	0.19	4620127
Perfluorodecanoic Acid (PFDA)	ug/kg	11	N/A	1.0	0.28	0.27 U	0.97	0.27	4620127
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.92 J J	N/A	1.0	0.24	0.23 U	0.97	0.23	4620127
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.70 J J	N/A	1.0	0.18	0.17 U	0.97	0.17	4620127
Perfluorohexane Sulfonate (PFHxS)	ug/kg	2.7	N/A	1.0	0.19	0.55 J J	0.97	0.18	4620127
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.80 J J	N/A	1.0	0.21	0.20 U u	0.97	0.20	4620127
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	3.1	N/A	1.0	0.12	0.12 U	0.97	0.12	4620127
Perfluorononanoic Acid (PFNA)	ug/kg	2.5	N/A	1.0	0.14	0.14 U	0.97	0.14	4620127
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.31 J J	N/A	1.0	0.17	0.16 U	0.97	0.16	4620127
Perfluorooctane Sulfonate (PFOS)	ug/kg	28	N/A	1.0	0.16	0.19 J J	0.97	0.16	4620127
Perfluoropentanoic Acid (PFPeA)	ug/kg	1.0	N/A	1.0	0.21	0.20 U u	0.97	0.20	4620127
Perfluorotetradecanoic Acid	ug/kg	0.39 J J	N/A	1.0	0.22	0.21 U	0.97	0.21	4620127
Perfluorotridecanoic Acid	ug/kg	0.25 U u	N/A	1.0	0.25	0.24 U	0.97	0.24	4620127
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.63 J J	N/A	1.0	0.26	0.25 U	0.97	0.25	4620127
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	119	N/A	N/A	N/A	94	N/A	N/A	4620127
13C4-Perfluorooctanoic acid	%	114 Q	N/A	N/A	N/A	101 Q	N/A	N/A	4620127
13C8-Perfluorooctanesulfonamide	%	100	N/A	N/A	N/A	85	N/A	N/A	4620127

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
Lab-Dup = Laboratory Initiated Duplicate
N/A = Not Applicable

Maxxam
A Bureau Veritas Group Company

Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CWN325			CWN326			
Sampling Date		2016/08/09 10:20			2016/08/09 10:20			
COC Number		259			259			
	UNITS	MCGRE01-011-SS-001	RDL	MDL	MCGRE01-011-SS-901	RDL	MDL	QC Batch
Inorganics								
Moisture	%	15	1.0	0.50	17	1.0	0.50	4621607
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U U	1.1	0.28	0.24 U U	0.95	0.24	4620127
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U	1.1	0.23	0.20 U	0.95	0.20	4620127
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U	1.1	0.28	0.24 U	0.95	0.24	4620127
Perfluorobutanoic acid	ug/kg	0.99 J J17	1.1	0.25	1.7 J17	0.95	0.22	4620127
Perfluorodecane Sulfonate	ug/kg	0.22 U U	1.1	0.22	0.19 U U	0.95	0.19	4620127
Perfluorodecanoic Acid (PFDA)	ug/kg	16	1.1	0.31	20	0.95	0.27	4620127
Perfluorododecanoic Acid (PFDoA)	ug/kg	5.8 J17	1.1	0.26	11 J17	0.95	0.23	4620127
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.74 J J17	1.1	0.20	1.2 J17	0.95	0.17	4620127
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.24 J J	1.1	0.21	0.21 J J	0.95	0.18	4620127
Perfluorohexanoic Acid (PFHxA)	ug/kg	1.7 J17	1.1	0.23	2.8 J17	0.95	0.20	4620127
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	3.2 J17	1.1	0.13	4.8 J17	0.95	0.11	4620127
Perfluorononanoic Acid (PFNA)	ug/kg	1.7 J17	1.1	0.15	2.9 J17	0.95	0.13	4620127
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.19 U U	1.1	0.19	0.16 U U	0.95	0.16	4620127
Perfluorooctane Sulfonate (PFOS)	ug/kg	1.9 J17	1.1	0.18	1.4 J17	0.95	0.15	4620127
Perfluoropentanoic Acid (PFPeA)	ug/kg	2.1 J17	1.1	0.23	4.3 J17	0.95	0.20	4620127
Perfluorotetradecanoic Acid	ug/kg	1.0 J J17	1.1	0.24	1.6 J17	0.95	0.21	4620127
Perfluorotridecanoic Acid	ug/kg	0.57 J J17	1.1	0.28	0.99 J17	0.95	0.24	4620127
Perfluoroundecanoic Acid (PFUnA)	ug/kg	2.5 J17	1.1	0.29	4.3 J17	0.95	0.25	4620127
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	113	N/A	N/A	110	N/A	N/A	4620127
13C4-Perfluorooctanoic acid	%	113 Q	N/A	N/A	111 Q	N/A	N/A	4620127
13C8-Perfluorooctanesulfonamide	%	101	N/A	N/A	95	N/A	N/A	4620127

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CWN327			CWN328			
Sampling Date		2016/08/09 11:05			2016/08/09 11:05			
COC Number		259			259			
	UNITS	MCGRE01-011-SO-008	RDL	MDL	MCGRE01-011-SO-908	RDL	MDL	QC Batch
Inorganics								
Moisture	%	8.8	1.0	0.50	18	1.0	0.50	4621607
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.22 U U	0.89	0.22	0.25 U U	1.0	0.25	4620127
8:2 Fluorotelomer sulfonate	ug/kg	0.19 U	0.89	0.19	0.21 U	1.0	0.21	4620127
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.22 U	0.89	0.22	0.25 U	1.0	0.25	4620127
Perfluorobutanoic acid	ug/kg	0.20 U	0.89	0.20	0.23 U	1.0	0.23	4620127
Perfluorodecane Sulfonate	ug/kg	0.18 U	0.89	0.18	0.20 U	1.0	0.20	4620127
Perfluorodecanoic Acid (PFDA)	ug/kg	0.25 U	0.89	0.25	0.28 U	1.0	0.28	4620127
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.21 U	0.89	0.21	0.24 U	1.0	0.24	4620127
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.16 U	0.89	0.16	0.18 U	1.0	0.18	4620127
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.17 U	0.89	0.17	0.19 U	1.0	0.19	4620127
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.19 U	0.89	0.19	0.21 U	1.0	0.21	4620127
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.89 J J17	0.89	0.11	0.43 J J17	1.0	0.12	4620127
Perfluorononanoic Acid (PFNA)	ug/kg	0.47 J J17	0.89	0.12	0.31 J J17	1.0	0.14	4620127
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.15 U U	0.89	0.15	0.17 U U	1.0	0.17	4620127
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.46 J J17	0.89	0.14	0.78 J J17	1.0	0.16	4620127
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.19 U U	0.89	0.19	0.21 U U	1.0	0.21	4620127
Perfluorotetradecanoic Acid	ug/kg	0.20 U	0.89	0.20	0.22 U	1.0	0.22	4620127
Perfluorotridecanoic Acid	ug/kg	0.22 U	0.89	0.22	0.25 U	1.0	0.25	4620127
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.23 U	0.89	0.23	0.26 U	1.0	0.26	4620127
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	108	N/A	N/A	100	N/A	N/A	4620127
13C4-Perfluorooctanoic acid	%	107 Q	N/A	N/A	102 Q	N/A	N/A	4620127
13C8-Perfluorooctanesulfonamide	%	89	N/A	N/A	86	N/A	N/A	4620127

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CWN329			CWN330			
Sampling Date		2016/08/09 11:30			2016/08/09 11:55			
COC Number		259			259			
	UNITS	MCGRE01-010-SS-001	RDL	MDL	MCGRE01-010-SO-005	RDL	MDL	QC Batch
Inorganics								
Moisture	%	8.3	1.0	0.50	11	1.0	0.50	4621607
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.21 U U	0.84	0.21	0.25 U U	1.0	0.25	4620127
8:2 Fluorotelomer sulfonate	ug/kg	0.18 U U	0.84	0.18	0.21 U	1.0	0.21	4620127
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.21 U U	0.84	0.21	0.25 U	1.0	0.25	4620127
Perfluorobutanoic acid	ug/kg	0.40 J J	0.84	0.19	0.23 U	1.0	0.23	4620127
Perfluorodecane Sulfonate	ug/kg	0.17 U U	0.84	0.17	0.20 U	1.0	0.20	4620127
Perfluorodecanoic Acid (PFDA)	ug/kg	18	0.84	0.24	0.28 U	1.0	0.28	4620127
Perfluorododecanoic Acid (PFDoA)	ug/kg	3.4	0.84	0.20	0.24 U	1.0	0.24	4620127
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.34 J J	0.84	0.15	0.19 J J	1.0	0.18	4620127
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.16 U U	0.84	0.16	0.19 U U	1.0	0.19	4620127
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.47 J J	0.84	0.18	0.21 U U	1.0	0.21	4620127
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	1.5	0.84	0.10	0.87 J J	1.0	0.12	4620127
Perfluorononanoic Acid (PFNA)	ug/kg	1.6	0.84	0.12	0.78 J J	1.0	0.14	4620127
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.14 U U	0.84	0.14	0.17 U U	1.0	0.17	4620127
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.64 J J	0.84	0.13	0.28 J J	1.0	0.16	4620127
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.68 J	0.84	0.18	0.21 U U	1.0	0.21	4620127
Perfluorotetradecanoic Acid	ug/kg	0.51 J	0.84	0.18	0.22 U	1.0	0.22	4620127
Perfluorotridecanoic Acid	ug/kg	0.33 J	0.84	0.21	0.25 U	1.0	0.25	4620127
Perfluoroundecanoic Acid (PFUnA)	ug/kg	2.0	0.84	0.22	0.26 U	1.0	0.26	4620127
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	104	N/A	N/A	107	N/A	N/A	4620127
13C4-Perfluorooctanoic acid	%	109 Q	N/A	N/A	117 Q	N/A	N/A	4620127
13C8-Perfluorooctanesulfonamide	%	95	N/A	N/A	94	N/A	N/A	4620127

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CWN331			CWN332			
Sampling Date		2016/08/09 12:45			2016/08/09 12:55			
COC Number		259			259			
	UNITS	MCGRE01-009-SS-001	RDL	MDL	MCGRE01-009-SO-005	RDL	MDL	QC Batch
Inorganics								
Moisture	%	27	1.0	0.50	19	1.0	0.50	4621607
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U U	1.1	0.28	0.24 U U	0.96	0.24	4620127
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U	1.1	0.23	0.20 U	0.96	0.20	4620127
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U	1.1	0.28	0.24 U	0.96	0.24	4620127
Perfluorobutanoic acid	ug/kg	0.32 J J	1.1	0.25	0.22 U	0.96	0.22	4620127
Perfluorodecane Sulfonate	ug/kg	0.22 U U	1.1	0.22	0.19 U	0.96	0.19	4620127
Perfluorodecanoic Acid (PFDA)	ug/kg	3.2	1.1	0.31	0.27 U	0.96	0.27	4620127
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.75 J J	1.1	0.26	0.23 U	0.96	0.23	4620127
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.35 J	1.1	0.20	0.17 U	0.96	0.17	4620127
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.46 J	1.1	0.21	0.20 J J	0.96	0.18	4620127
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.37 J	1.1	0.23	0.20 U U	0.96	0.20	4620127
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	1.9	1.1	0.13	0.12 U	0.96	0.12	4620127
Perfluorononanoic Acid (PFNA)	ug/kg	0.83 J J	1.1	0.15	0.13 U	0.96	0.13	4620127
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.19 U U	1.1	0.19	0.16 U	0.96	0.16	4620127
Perfluorooctane Sulfonate (PFOS)	ug/kg	2.2	1.1	0.18	0.16 J J	0.96	0.15	4620127
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.59 J J	1.1	0.23	0.20 U U	0.96	0.20	4620127
Perfluorotetradecanoic Acid	ug/kg	0.24 U U	1.1	0.24	0.21 U	0.96	0.21	4620127
Perfluorotridecanoic Acid	ug/kg	0.28 U U	1.1	0.28	0.24 U	0.96	0.24	4620127
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.36 J J	1.1	0.29	0.25 U	0.96	0.25	4620127
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	98	N/A	N/A	98	N/A	N/A	4620127
13C4-Perfluorooctanoic acid	%	98 Q	N/A	N/A	103 Q	N/A	N/A	4620127
13C8-Perfluorooctanesulfonamide	%	89	N/A	N/A	83	N/A	N/A	4620127

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

Maxxam
A Bureau Veritas Group Company

Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CWN333	CWN334	CWN335			
Sampling Date		2016/08/09 13:40	2016/08/09 13:45	2016/08/09 14:30			
COC Number		259	259	259			
	UNITS	MCGRE01-008-SS-001	MCGRE01-008-SO-003	MCGRE01-007-SS-001	RDL	MDL	QC Batch
Inorganics							
Moisture	%	11	18	20	1.0	0.50	4621607
Miscellaneous Parameters							
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U u	0.28 U u	0.28 U u	1.1	0.28	4620127
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U	0.23 U	0.23 U u	1.1	0.23	4620127
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U	0.28 U	0.28 U u	1.1	0.28	4620127
Perfluorobutanoic acid	ug/kg	0.40 J J	0.25 U	0.39 J J	1.1	0.25	4620127
Perfluorodecane Sulfonate	ug/kg	0.22 U u	0.22 U	0.22 U u	1.1	0.22	4620127
Perfluorodecanoic Acid (PFDA)	ug/kg	1.7	0.31 U	2.4	1.1	0.31	4620127
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.35 J J	0.26 U	2.8	1.1	0.26	4620127
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.36 J J	0.20 U	0.36 J J	1.1	0.20	4620127
Perfluorohexane Sulfonate (PFHxS)	ug/kg	1.2	0.30 J J	0.33 J	1.1	0.21	4620127
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.60 J J	0.23 U u	0.56 J	1.1	0.23	4620127
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	1.8	0.13 U	1.2	1.1	0.13	4620127
Perfluorononanoic Acid (PFNA)	ug/kg	0.79 J J	0.15 U	0.53 J J	1.1	0.15	4620127
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.19 U u	0.19 U	0.19 U u	1.1	0.19	4620127
Perfluorooctane Sulfonate (PFOS)	ug/kg	18	0.41 J J	2.3	1.1	0.18	4620127
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.85 J J	0.23 U u	0.80 J J	1.1	0.23	4620127
Perfluorotetradecanoic Acid	ug/kg	0.24 U u	0.24 U	0.95 J	1.1	0.24	4620127
Perfluorotridecanoic Acid	ug/kg	0.28 U	0.28 U	0.61 J	1.1	0.28	4620127
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.29 U	0.29 U	0.77 J	1.1	0.29	4620127
Surrogate Recovery (%)							
13C4-Perfluorooctanesulfonate	%	109	115	115	N/A	N/A	4620127
13C4-Perfluorooctanoic acid	%	105 Q	114 Q	116 Q	N/A	N/A	4620127
13C8-Perfluorooctanesulfonamide	%	91	90	96	N/A	N/A	4620127

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CWN336	CWN337			CWN338			
Sampling Date		2016/08/09 14:35	2016/08/09 17:05			2016/08/09 18:30			
COC Number		259	262			262			
	UNITS	MCGRE01-007-SO-002	MCGRE02-001-SS-001	RDL	MDL	MCGRE02-001-SO-010	RDL	MDL	QC Batch
Inorganics									
Moisture	%	20	7.8	1.0	0.50	11	1.0	0.50	4621607
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U U	0.28 U U	1.1	0.28	0.24 U U	0.96	0.24	4620127
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U	0.23 U	1.1	0.23	0.20 U	0.96	0.20	4620127
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U	0.28 U	1.1	0.28	0.24 U	0.96	0.24	4620127
Perfluorobutanoic acid	ug/kg	0.25 U	0.25 U	1.1	0.25	0.22 U	0.96	0.22	4620127
Perfluorodecane Sulfonate	ug/kg	0.22 U	0.22 U	1.1	0.22	0.19 U	0.96	0.19	4620127
Perfluorodecanoic Acid (PFDA)	ug/kg	0.31 U	0.31 U	1.1	0.31	0.27 U	0.96	0.27	4620127
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.26 U	0.26 U	1.1	0.26	0.23 U	0.96	0.23	4620127
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.20 U	0.20 U	1.1	0.20	0.17 U	0.96	0.17	4620127
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.21 U	1.2	1.1	0.21	0.23 J J	0.96	0.18	4620127
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.23 U	0.23 U U	1.1	0.23	0.20 U U	0.96	0.20	4620127
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.13 U	0.48 J J	1.1	0.13	0.12 U	0.96	0.12	4620127
Perfluorononanoic Acid (PFNA)	ug/kg	0.15 U	0.15 U U	1.1	0.15	0.13 U	0.96	0.13	4620127
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.19 U	0.19 U U	1.1	0.19	0.16 U	0.96	0.16	4620127
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.18 U	1.3	1.1	0.18	0.15 U	0.96	0.15	4620127
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.23 J J	0.26 J J	1.1	0.23	0.20 U	0.96	0.20	4620127
Perfluorotetradecanoic Acid	ug/kg	0.24 U U	0.24 U U	1.1	0.24	0.21 U	0.96	0.21	4620127
Perfluorotridecanoic Acid	ug/kg	0.28 U	0.28 U	1.1	0.28	0.24 U	0.96	0.24	4620127
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.29 U	0.29 U	1.1	0.29	0.25 U	0.96	0.25	4620127
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	108	102	N/A	N/A	108	N/A	N/A	4620127
13C4-Perfluorooctanoic acid	%	113 Q	111 Q	N/A	N/A	115 Q	N/A	N/A	4620127
13C8-Perfluorooctanesulfonamide	%	96	95	N/A	N/A	90	N/A	N/A	4620127

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

Maxxam
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Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CWN350	CWN351			CWN353			
Sampling Date		2016/08/10 11:55	2016/08/10 11:55			2016/08/10 12:30			
COC Number		263	263			263			
	UNITS	MCGRE02-019-SD-001	MCGRE02-019-SD-901	RDL	MDL	MCGRE02-020-SD-001	RDL	MDL	QC Batch
Inorganics									
Moisture	%	30	35	1.0	0.50	64	1.0	0.50	4621607
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	0.30 U U	0.30 U U	1.2	0.30	0.55 U U	2.2	0.55	4620127
8:2 Fluorotelomer sulfonate	ug/kg	0.25 U	0.25 U	1.2	0.25	0.46 U	2.2	0.46	4620127
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.30 U	0.30 U	1.2	0.30	0.55 U	2.2	0.55	4620127
Perfluorobutanoic acid	ug/kg	0.28 U	0.28 U	1.2	0.28	0.51 U	2.2	0.51	4620127
Perfluorodecane Sulfonate	ug/kg	0.24 U	0.24 U	1.2	0.24	0.44 U	2.2	0.44	4620127
Perfluorodecanoic Acid (PFDA)	ug/kg	0.34 U	0.34 U	1.2	0.34	0.62 U	2.2	0.62	4620127
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.29 U	0.29 U	1.2	0.29	0.53 U	2.2	0.53	4620127
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.22 U	0.22 U	1.2	0.22	0.40 U	2.2	0.40	4620127
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.23 U	0.23 U	1.2	0.23	1.3 J J	2.2	0.42	4620127
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.25 U	0.25 U	1.2	0.25	0.46 U U	2.2	0.46	4620127
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.14 U	0.14 U	1.2	0.14	0.26 U U	2.2	0.26	4620127
Perfluorononanoic Acid (PFNA)	ug/kg	0.17 U	0.17 U	1.2	0.17	0.34 J J	2.2	0.31	4620127
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.20 U	0.20 U	1.2	0.20	0.37 U U	2.2	0.37	4620127
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.19 U	0.22 J J	1.2	0.19	7.0	2.2	0.35	4620127
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.25 U	0.25 U U	1.2	0.25	0.46 U U	2.2	0.46	4620127
Perfluorotetradecanoic Acid	ug/kg	0.26 U	0.26 U	1.2	0.26	0.48 U UJ 10a	2.2	0.48	4620127
Perfluorotridecanoic Acid	ug/kg	0.30 U	0.30 U	1.2	0.30	0.74 J J 10a	2.2	0.55	4620127
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.31 U	0.31 U	1.2	0.31	0.57 U U	2.2	0.57	4620127
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	105	90	N/A	N/A	85	N/A	N/A	4620127
13C4-Perfluorooctanoic acid	%	104 Q	94 Q	N/A	N/A	90 Q	N/A	N/A	4620127
13C8-Perfluorooctanesulfonamide	%	88	80	N/A	N/A	69	N/A	N/A	4620127

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

Maxxam
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Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CWN356				CWN362			
Sampling Date		2016/08/10 15:30				2016/08/08 18:00			
COC Number		263				256			
	UNITS	MCGRE01-013-SD-001	RDL	MDL	QC Batch	MCGRE04-001-SO-015	RDL	MDL	QC Batch
Inorganics									
Moisture	%	20	1.0	0.50	4621607	5.8	1.0	0.50	4621676
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	0.41 J J	0.96	0.24	4620127	0.22 U U	0.87	0.22	4620156
8:2 Fluorotelomer sulfonate	ug/kg	0.20 U U	0.96	0.20	4620127	0.18 U	0.87	0.18	4620156
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.24 U	0.96	0.24	4620127	0.22 U	0.87	0.22	4620156
Perfluorobutanoic acid	ug/kg	0.22 U	0.96	0.22	4620127	0.20 U	0.87	0.20	4620156
Perfluorodecane Sulfonate	ug/kg	0.19 U	0.96	0.19	4620127	0.17 U	0.87	0.17	4620156
Perfluorodecanoic Acid (PFDA)	ug/kg	0.27 U	0.96	0.27	4620127	0.24 U	0.87	0.24	4620156
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.23 U	0.96	0.23	4620127	0.21 U	0.87	0.21	4620156
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.17 U	0.96	0.17	4620127	0.16 U	0.87	0.16	4620156
Perfluorohexane Sulfonate (PFHxS)	ug/kg	1.2	0.96	0.18	4620127	0.26 J J	0.87	0.17	4620156
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.20 J J	0.96	0.20	4620127	0.18 U U	0.87	0.18	4620156
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.49 J J	0.96	0.12	4620127	0.10 U	0.87	0.10	4620156
Perfluorononanoic Acid (PFNA)	ug/kg	0.13 U U	0.96	0.13	4620127	0.12 U	0.87	0.12	4620156
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.16 U U	0.96	0.16	4620127	0.15 U	0.87	0.15	4620156
Perfluorooctane Sulfonate (PFOS)	ug/kg	4.6	0.96	0.15	4620127	0.14 U	0.87	0.14	4620156
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.20 J J	0.96	0.20	4620127	0.18 U	0.87	0.18	4620156
Perfluorotetradecanoic Acid	ug/kg	0.37 J J	0.96	0.21	4620127	0.19 U	0.87	0.19	4620156
Perfluorotridecanoic Acid	ug/kg	0.24 U U	0.96	0.24	4620127	0.22 U	0.87	0.22	4620156
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.25 U U	0.96	0.25	4620127	0.23 U	0.87	0.23	4620156
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	100	N/A	N/A	4620127	103	N/A	N/A	4620156
13C4-Perfluorooctanoic acid	%	101 Q	N/A	N/A	4620127	108	N/A	N/A	4620156
13C8-Perfluorooctanesulfonamide	%	93	N/A	N/A	4620127	85	N/A	N/A	4620156

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

Maxxam
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Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CWN364			CWN369			
Sampling Date		2016/08/08 17:20			2016/08/09 15:25			
COC Number		256			256			
	UNITS	MCGRE04-001-SS-001	RDL	MDL	MCGRE01-006-SS-001	RDL	MDL	QC Batch
Inorganics								
Moisture	%	10	1.0	0.50	13	1.0	0.50	4621676
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U U	1.1	0.28	0.25 U U	1.0	0.25	4620156
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U	1.1	0.23	0.21 U	1.0	0.21	4620156
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U	1.1	0.28	0.25 U	1.0	0.25	4620156
Perfluorobutanoic acid	ug/kg	0.25 U	1.1	0.25	0.23 U	1.0	0.23	4620156
Perfluorodecane Sulfonate	ug/kg	4.4	1.1	0.22	0.20 U	1.0	0.20	4620156
Perfluorodecanoic Acid (PFDA)	ug/kg	0.40 J J	1.1	0.31	0.28 U	1.0	0.28	4620156
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.26 U U	1.1	0.26	0.24 U	1.0	0.24	4620156
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.20 U U	1.1	0.20	0.18 U	1.0	0.18	4620156
Perfluorohexane Sulfonate (PFHxS)	ug/kg	2.9	1.1	0.21	0.19 U	1.0	0.19	4620156
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.24 J J	1.1	0.23	0.21 U	1.0	0.21	4620156
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.23 J	1.1	0.13	0.12 U	1.0	0.12	4620156
Perfluorononanoic Acid (PFNA)	ug/kg	0.17 J	1.1	0.15	0.14 U	1.0	0.14	4620156
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	28	1.1	0.19	0.17 U	1.0	0.17	4620156
Perfluorooctane Sulfonate (PFOS)	ug/kg	16	1.1	0.18	0.16 U	1.0	0.16	4620156
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.23 U U	1.1	0.23	0.21 U	1.0	0.21	4620156
Perfluorotetradecanoic Acid	ug/kg	0.24 U	1.1	0.24	0.22 U	1.0	0.22	4620156
Perfluorotridecanoic Acid	ug/kg	0.28 U	1.1	0.28	0.25 U	1.0	0.25	4620156
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.71 J J	1.1	0.29	0.26 U	1.0	0.26	4620156
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	106	N/A	N/A	112	N/A	N/A	4620156
13C4-Perfluorooctanoic acid	%	109	N/A	N/A	110	N/A	N/A	4620156
13C8-Perfluorooctanesulfonamide	%	93	N/A	N/A	88	N/A	N/A	4620156

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

Maxxam
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Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CWN370			
Sampling Date		2016/08/09 15:30			
COC Number		256			
	UNITS	**MCGRE01-006-SO-004**	**RDL**	**MDL**	**QC Batch**
Inorganics					
Moisture	%	24	1.0	0.50	4621676
Miscellaneous Parameters					
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U u	1.1	0.28	4620156
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U	1.1	0.23	4620156
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U	1.1	0.28	4620156
Perfluorobutanoic acid	ug/kg	0.25 U	1.1	0.25	4620156
Perfluorodecane Sulfonate	ug/kg	0.22 U	1.1	0.22	4620156
Perfluorodecanoic Acid (PFDA)	ug/kg	0.31 U	1.1	0.31	4620156
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.26 U	1.1	0.26	4620156
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.20 U	1.1	0.20	4620156
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.32 J J	1.1	0.21	4620156
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.50 J	1.1	0.23	4620156
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.28 J	1.1	0.13	4620156
Perfluorononanoic Acid (PFNA)	ug/kg	0.29 J	1.1	0.15	4620156
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.19 U u	1.1	0.19	4620156
Perfluorooctane Sulfonate (PFOS)	ug/kg	3.2	1.1	0.18	4620156
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.68 J J	1.1	0.23	4620156
Perfluorotetradecanoic Acid	ug/kg	0.24 U u	1.1	0.24	4620156
Perfluorotridecanoic Acid	ug/kg	0.28 U	1.1	0.28	4620156
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.29 U	1.1	0.29	4620156
Surrogate Recovery (%)					
13C4-Perfluorooctanesulfonate	%	120	N/A	N/A	4620156
13C4-Perfluorooctanoic acid	%	118	N/A	N/A	4620156
13C8-Perfluorooctanesulfonamide	%	99	N/A	N/A	4620156

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

Maxxam
A Bureau Veritas Group Company

Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF WATER

Maxxam ID		CWN322	CWN339	CWN340			
Sampling Date		2016/08/08 17:05	2016/08/09 18:30	2016/08/10 08:55			
COC Number		259	262	262			
	UNITS	MCGRE04-003-GW-0012	MCGRE02-001-GW-015	MCGRE02-018-GW-020	RDL	MDL	QC Batch
Miscellaneous Parameters							
6:2 Fluorotelomer sulfonate	ng/L	0.87 U U	0.87 U U	1.7 J JB 6a	4.0	0.87	4625384
8:2 Fluorotelomer sulfonate	ng/L	0.99 U U	0.99 U	0.99 U U	4.0	0.99	4625384
Perfluorobutane Sulfonate (PFBS)	ng/L	4.6	0.27 U	8.1	2.0	0.27	4625384
Perfluorobutanoic acid	ng/L	7.0	0.77 J JB 6a	15	2.0	0.41	4625384
Perfluorodecane Sulfonate	ng/L	0.38 U U	0.38 U U	0.38 U U	2.0	0.38	4625384
Perfluorodecanoic Acid (PFDA)	ng/L	0.24 U	0.71 J JB 6C	20	2.0	0.24	4625384
Perfluorododecanoic Acid (PFDoA)	ng/L	0.63 U	0.63 U U	0.63 U U	2.0	0.63	4625384
Perfluoroheptanoic Acid (PFHpA)	ng/L	9.6	1.0 J J	32	2.0	0.39	4625384
Perfluorohexane Sulfonate (PFHxS)	ng/L	18	6.5	55	2.0	0.40	4625384
Perfluorohexanoic Acid (PFHxA)	ng/L	15	3.6	48	2.0	0.42	4625384
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	24	2.5	63	2.0	0.39	4625384
Perfluorononanoic Acid (PFNA)	ng/L	3.2	0.33 J JB 6C	12	2.0	0.33	4625384
Perfluorooctane Sulfonamide (PFOSA)	ng/L	0.59 U U	0.70 J J	1.1 J J	4.0	0.59	4625384
Perfluorooctane Sulfonate (PFOS)	ng/L	19	19	76	2.0	0.30	4625384
Perfluoropentanoic Acid (PFPeA)	ng/L	11	1.6 J JB 6C	39	2.0	0.46	4625384
Perfluorotetradecanoic Acid	ng/L	0.61 U U	0.61 U UJ 10a	0.61 U UJ 10a	2.0	0.61	4625384
Perfluorotridecanoic Acid	ng/L	0.60 U	0.60 U UJ 10a	0.60 U UJ 10a	2.0	0.60	4625384
Perfluoroundecanoic Acid (PFUnA)	ng/L	0.50 U	0.50 U U	1.2 J J	2.0	0.50	4625384
Surrogate Recovery (%)							
13C4-Perfluorooctanesulfonate	%	103	83	95	N/A	N/A	4625384
13C4-Perfluorooctanoic acid	%	97	72	74	N/A	N/A	4625384

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF WATER

Maxxam ID		CWN341			CWN342			
Sampling Date		2016/08/10 09:30			2016/08/10 10:00			
COC Number		262			262			
	UNITS	MCGRE02-017-GW-010	RDL	MDL	MCGRE02-016-GW-020	RDL	MDL	QC Batch
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ng/L	4.4	4.0	0.87	0.87 J JB6a	4.0	0.87	4625384
8:2 Fluorotelomer sulfonate	ng/L	0.99 U U	4.0	0.99	0.99 U U	4.0	0.99	4625384
Perfluorobutane Sulfonate (PFBS)	ng/L	5.7	2.0	0.27	0.27 U U	2.0	0.27	4625384
Perfluorobutanoic acid	ng/L	120 (1)	20	4.1	27	2.0	0.41	4625384
Perfluorodecane Sulfonate	ng/L	0.38 U U	2.0	0.38	0.38 U U	2.0	0.38	4625384
Perfluorodecanoic Acid (PFDA)	ng/L	160 (1)	20	2.4	1.6 J J	2.0	0.24	4625384
Perfluorododecanoic Acid (PFDoA)	ng/L	0.83 J J	2.0	0.63	0.63 U U	2.0	0.63	4625384
Perfluoroheptanoic Acid (PFHpA)	ng/L	150 (1)	20	3.9	34	2.0	0.39	4625384
Perfluorohexane Sulfonate (PFHxS)	ng/L	54	2.0	0.40	62	2.0	0.40	4625384
Perfluorohexanoic Acid (PFHxA)	ng/L	300 (1)	20	4.2	55	2.0	0.42	4625384
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	430 (1)	20	3.9	120 (1) J 10a	20	3.9	4625384
Perfluorononanoic Acid (PFNA)	ng/L	59	2.0	0.33	15	2.0	0.33	4625384
Perfluorooctane Sulfonamide (PFOSA)	ng/L	0.73 J	4.0	0.59	0.59 U U	4.0	0.59	4625384
Perfluorooctane Sulfonate (PFOS)	ng/L	48	2.0	0.30	78	2.0	0.30	4625384
Perfluoropentanoic Acid (PFPeA)	ng/L	270 (1)	20	4.6	52	2.0	0.46	4625384
Perfluorotetradecanoic Acid	ng/L	0.61 U UJ 10a	2.0	0.61	0.61 U UJ 10a	2.0	0.61	4625384
Perfluorotridecanoic Acid	ng/L	0.60 U UJ 10a	2.0	0.60	0.60 U UJ 10a	2.0	0.60	4625384
Perfluoroundecanoic Acid (PFUnA)	ng/L	6.7	2.0	0.50	0.50 U U	2.0	0.50	4625384
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	41 Q (2)	N/A	N/A	42 Q (2)	N/A	N/A	4625384
13C4-Perfluorooctanoic acid	%	50	N/A	N/A	48 Q (2)	N/A	N/A	4625384

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to high concentration of the target analyte, sample required 10x dilution. Detection limit was adjusted accordingly.

(2) Surrogate recovery was below the defined lower control limit (LCL). Laboratory spiked water resulted in satisfactory recovery of the surrogate. When considered together, these QC data suggest that matrix interferences may be biasing the data low. Because quantitation is performed using isotope dilution techniques, any losses of the native compound that may occur during any of the sample preparation, extraction, cleanup or determinative steps will be mirrored by a similar loss of the labeled standard, and as such can be accounted for and corrected. Therefore, the quantification of these target compounds is not affected by the low surrogate recovery.

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RESULTS OF ANALYSES OF WATER

Maxxam ID		CWN343			CWN344			
Sampling Date		2016/08/10 10:50			2016/08/10 10:50			
COC Number		262			262			
	UNITS	MCGRE02-015-GW-020	RDL	MDL	MCGRE02-015-GW-920	RDL	MDL	QC Batch
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ng/L	4.1	4.0	0.87	5.2	4.0	0.87	4625384
8:2 Fluorotelomer sulfonate	ng/L	0.99 U U	4.0	0.99	0.99 U U	4.0	0.99	4625384
Perfluorobutane Sulfonate (PFBS)	ng/L	14	2.0	0.27	16	2.0	0.27	4625384
Perfluorobutanoic acid	ng/L	67	2.0	0.41	66	2.0	0.41	4625384
Perfluorodecane Sulfonate	ng/L	0.38 U U	2.0	0.38	0.38 U U	2.0	0.38	4625384
Perfluorodecanoic Acid (PFDA)	ng/L	0.34 J JB 6C	2.0	0.24	0.50 J JB 6C	2.0	0.24	4625384
Perfluorododecanoic Acid (PFDoA)	ng/L	0.63 U U	2.0	0.63	0.63 U U	2.0	0.63	4625384
Perfluoroheptanoic Acid (PFHpA)	ng/L	83	2.0	0.39	98	2.0	0.39	4625384
Perfluorohexane Sulfonate (PFHxS)	ng/L	110 (1)	20	4.0	98 (1)	20	4.0	4625384
Perfluorohexanoic Acid (PFHxA)	ng/L	180 (1) J 10a	20	4.2	170 (1) J 10a	20	4.2	4625384
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	87	2.0	0.39	90 (1)	20	3.9	4625384
Perfluorononanoic Acid (PFNA)	ng/L	3.6	2.0	0.33	4.2	2.0	0.33	4625384
Perfluorooctane Sulfonamide (PFOSA)	ng/L	0.59 U U	4.0	0.59	0.59 U U	4.0	0.59	4625384
Perfluorooctane Sulfonate (PFOS)	ng/L	24	2.0	0.30	31	2.0	0.30	4625384
Perfluoropentanoic Acid (PFPeA)	ng/L	200 (1)	20	4.6	180 (1)	20	4.6	4625384
Perfluorotetradecanoic Acid	ng/L	0.61 U U	2.0	0.61	0.61 U UJ 10a	2.0	0.61	4625384
Perfluorotridecanoic Acid	ng/L	0.60 U	2.0	0.60	0.60 U UJ 10a	2.0	0.60	4625384
Perfluoroundecanoic Acid (PFUnA)	ng/L	0.50 U	2.0	0.50	0.50 U U	2.0	0.50	4625384
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	78	N/A	N/A	82	N/A	N/A	4625384
13C4-Perfluorooctanoic acid	%	70	N/A	N/A	50 Q	N/A	N/A	4625384

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to high concentration of the target analyte, sample required 10x dilution. Detection limit was adjusted accordingly.

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Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF WATER

Maxxam ID		CWN345				CWN346			
Sampling Date		2016/08/10 11:40				2016/08/10 12:20			
COC Number		262				262			
	UNITS	MCGRE02-013-GW-020	RDL	MDL	QC Batch	MCGRE02-012-GW-020	RDL	MDL	QC Batch
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ng/L	170 (1)	80	17	4625389	9.8	4.0	0.87	4625384
8:2 Fluorotelomer sulfonate	ng/L	250 (1)	80	20	4625389	2.8 J J	4.0	0.99	4625384
Perfluorobutane Sulfonate (PFBS)	ng/L	41 (1)	40	5.4	4625389	3.7	2.0	0.27	4625384
Perfluorobutanoic acid	ng/L	60 (1)	40	8.2	4625389	9.6	2.0	0.41	4625384
Perfluorodecane Sulfonate	ng/L	7.6 U (1) U	40	7.6	4625389	0.38 U U	2.0	0.38	4625384
Perfluorodecanoic Acid (PFDA)	ng/L	4.8 U (1)	40	4.8	4625389	1.0 J J	2.0	0.24	4625384
Perfluorododecanoic Acid (PFDoA)	ng/L	13 U (1)	40	13	4625389	0.63 U U	2.0	0.63	4625384
Perfluoroheptanoic Acid (PFHpA)	ng/L	25 J (1) J	40	7.8	4625389	5.3	2.0	0.39	4625384
Perfluorohexane Sulfonate (PFHxS)	ng/L	940 (2)	800	160	4619872	55	2.0	0.40	4625384
Perfluorohexanoic Acid (PFHxA)	ng/L	220 (1)	40	8.4	4625389	16	2.0	0.42	4625384
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	170 (1)	40	7.8	4625389	19	2.0	0.39	4625384
Perfluorononanoic Acid (PFNA)	ng/L	14 J (1) J	40	6.6	4625389	5.0	2.0	0.33	4625384
Perfluorooctane Sulfonamide (PFOSA)	ng/L	39 J (1) J	80	12	4625389	11	4.0	0.59	4625384
Perfluorooctane Sulfonate (PFOS)	ng/L	12000 (2)	800	140	4619872	140 (3)	20	3.0	4625384
Perfluoropentanoic Acid (PFPeA)	ng/L	110 (1)	40	9.2	4625389	9.9	2.0	0.46	4625384
Perfluorotetradecanoic Acid	ng/L	12 U (1) U	40	12	4625389	0.61 U U	2.0	0.61	4625384
Perfluorotridecanoic Acid	ng/L	12 U (1)	40	12	4625389	0.60 U	2.0	0.60	4625384
Perfluoroundecanoic Acid (PFUnA)	ng/L	10 U (1)	40	10	4625389	0.50 U	2.0	0.50	4625384
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	105	N/A	N/A	4619872	111	N/A	N/A	4625384
13C4-Perfluorooctanoic acid	%	77	N/A	N/A	4625389	66	N/A	N/A	4625384

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to high concentrations of the target analytes, sample required 20x dilution. Detection limit was adjusted accordingly.
(2) Due to high concentration of the target analyte, sample required high level analysis. Detection limit was adjusted accordingly.
(3) Due to high concentration of the target analyte, sample required 10x dilution. Detection limit was adjusted accordingly.

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Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF WATER

Maxxam ID		CWN347				CWN348			
Sampling Date		2016/08/10 12:55				2016/08/10 11:45			
COC Number		262				263			
	UNITS	MCGRE02-007-GW-025	RDL	MDL	QC Batch	MCGRE02-019-SW-001	RDL	MDL	QC Batch
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ng/L	21	4.0	0.87	4625384	0.87 U U	4.0	0.87	4625384
8:2 Fluorotelomer sulfonate	ng/L	0.99 U U	4.0	0.99	4625384	0.99 U U	4.0	0.99	4625384
Perfluorobutane Sulfonate (PFBS)	ng/L	95	2.0	0.27	4625384	2.0 J J	2.0	0.27	4625384
Perfluorobutanoic acid	ng/L	32 (1)	20	4.1	4625384	0.41 U UJ 10a	2.0	0.41	4625384
Perfluorodecane Sulfonate	ng/L	0.38 U U	2.0	0.38	4625384	0.38 U U	2.0	0.38	4625384
Perfluorodecanoic Acid (PFDA)	ng/L	1.6 J J	2.0	0.24	4625384	0.42 J J 17	2.0	0.24	4625384
Perfluorododecanoic Acid (PFDoA)	ng/L	0.63 U U	2.0	0.63	4625384	0.63 U U	2.0	0.63	4625384
Perfluoroheptanoic Acid (PFHpA)	ng/L	31	2.0	0.39	4625384	1.8 J J	2.0	0.39	4625384
Perfluorohexane Sulfonate (PFHxS)	ng/L	830 (2)	800	160	4619872	6.5	2.0	0.40	4625384
Perfluorohexanoic Acid (PFHxA)	ng/L	180 (3)	20	4.2	4625384	2.7	2.0	0.42	4625384
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	130 (3)	20	3.9	4625384	4.5	2.0	0.39	4625384
Perfluorononanoic Acid (PFNA)	ng/L	8.9	2.0	0.33	4625384	1.2 J J	2.0	0.33	4625384
Perfluorooctane Sulfonamide (PFOSA)	ng/L	1.4 J J	4.0	0.59	4625384	0.59 U U	4.0	0.59	4625384
Perfluorooctane Sulfonate (PFOS)	ng/L	940 (2)	800	140	4619872	9.1	2.0	0.30	4625384
Perfluoropentanoic Acid (PFPeA)	ng/L	73	2.0	0.46	4625384	4.6 U (1) U	20	4.6	4625384
Perfluorotetradecanoic Acid	ng/L	0.61 U UJ 10a	2.0	0.61	4625384	0.61 U UJ 10a	2.0	0.61	4625384
Perfluorotridecanoic Acid	ng/L	0.60 U UJ 10a	2.0	0.60	4625384	0.60 U UJ 10a	2.0	0.60	4625384
Perfluoroundecanoic Acid (PFUnA)	ng/L	0.50 U U	2.0	0.50	4625384	0.50 U U	2.0	0.50	4625384
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	102	N/A	N/A	4619872	94	N/A	N/A	4625384
13C4-Perfluorooctanoic acid	%	55	N/A	N/A	4625384	97	N/A	N/A	4625384

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to matrix interference, sample required 10x dilution. Detection limit was adjusted accordingly.
(2) Due to high concentration of the target analyte, sample required high level analysis. Detection limit was adjusted accordingly.
(3) Due to high concentration of the target analyte, sample required 10x dilution. Detection limit was adjusted accordingly.

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Aerostar SES LLC
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RESULTS OF ANALYSES OF WATER

Maxxam ID		CWN349	CWN352			
Sampling Date		2016/08/10 11:45	2016/08/10 12:30			
COC Number		263	263			
	UNITS	MCGRE02-019-SW-901	MCGRE02-020-SW-001	RDL	MDL	QC Batch
Miscellaneous Parameters						
6:2 Fluorotelomer sulfonate	ng/L	0.87 U U	0.87 U U	4.0	0.87	4625389
8:2 Fluorotelomer sulfonate	ng/L	0.99 U U	0.99 U U	4.0	0.99	4625389
Perfluorobutane Sulfonate (PFBS)	ng/L	2.4	2.6	2.0	0.27	4625389
Perfluorobutanoic acid	ng/L	0.41 U UJ 10a	0.41 U U	2.0	0.41	4625389
Perfluorodecane Sulfonate	ng/L	0.38 U U	0.38 U U	2.0	0.38	4625389
Perfluorodecanoic Acid (PFDA)	ng/L	0.62 J J 17	0.55 J J	2.0	0.24	4625389
Perfluorododecanoic Acid (PFDoA)	ng/L	0.63 U U	0.63 U U	2.0	0.63	4625389
Perfluoroheptanoic Acid (PFHpA)	ng/L	2.2	2.2	2.0	0.39	4625389
Perfluorohexane Sulfonate (PFHxS)	ng/L	8.3	9.8	2.0	0.40	4625389
Perfluorohexanoic Acid (PFHxA)	ng/L	3.1	3.7	2.0	0.42	4625389
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	5.5	5.9	2.0	0.39	4625389
Perfluorononanoic Acid (PFNA)	ng/L	1.5 J J	1.5 J J	2.0	0.33	4625389
Perfluorooctane Sulfonamide (PFOSA)	ng/L	0.59 U U	0.59 U U	4.0	0.59	4625389
Perfluorooctane Sulfonate (PFOS)	ng/L	9.0	9.3	2.0	0.30	4625389
Perfluoropentanoic Acid (PFPeA)	ng/L	1.8 J J	1.6 J J	2.0	0.46	4625389
Perfluorotetradecanoic Acid	ng/L	0.61 U UJ 10a	0.61 U UJ 10a	2.0	0.61	4625389
Perfluorotridecanoic Acid	ng/L	0.60 U UJ 10a	0.60 U UJ 10a	2.0	0.60	4625389
Perfluoroundecanoic Acid (PFUnA)	ng/L	0.50 U U	0.50 U U	2.0	0.50	4625389
Surrogate Recovery (%)						
13C4-Perfluorooctanesulfonate	%	78	79	N/A	N/A	4625389
13C4-Perfluorooctanoic acid	%	75	78	N/A	N/A	4625389

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable

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Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF WATER

Maxxam ID		CWN354				CWN355			
Sampling Date		2016/08/10 13:40				2016/08/10 14:35			
COC Number		263				263			
	UNITS	MCGRE06-03-MW-103 -GW-014	RDL	MDL	QC Batch	MCGRE06-03-MW-104 -GW-014	RDL	MDL	QC Batch
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ng/L	5100 (1)	800	210	4619872	1200 (2)	800	210	4619872
8:2 Fluorotelomer sulfonate	ng/L	560 (3)	200	50	4625389	280 U (2) U	800	280	4619872
Perfluorobutane Sulfonate (PFBS)	ng/L	1000 (1)	800	230	4619872	1100 (2)	800	230	4619872
Perfluorobutanoic acid	ng/L	1400 (1)	800	200	4619872	790 J (2) J	800	200	4619872
Perfluorodecane Sulfonate	ng/L	19 U (3) U	100	19	4625389	220 U (2) U	800	220	4619872
Perfluorodecanoic Acid (PFDA)	ng/L	75 J (3) J	100	12	4625389	200 U (2) U	800	200	4619872
Perfluorododecanoic Acid (PFDoA)	ng/L	32 U (3) U	100	32	4625389	160 U (2) U	800	160	4619872
Perfluoroheptanoic Acid (PFHpA)	ng/L	3000 (1)	800	270	4619872	960 (2)	800	270	4619872
Perfluorohexane Sulfonate (PFHxS)	ng/L	12000 (1)	800	160	4619872	10000 (2)	800	160	4619872
Perfluorohexanoic Acid (PFHxA)	ng/L	6500 (1)	800	170	4619872	2200 (2)	800	170	4619872
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	2900 (1)	800	200	4619872	1500 (2)	800	200	4619872
Perfluorononanoic Acid (PFNA)	ng/L	1100 (1)	800	190	4619872	360 J (2) J	800	190	4619872
Perfluorooctane Sulfonamide (PFOSA)	ng/L	30 U (3) U	200	30	4625389	230 U (2) U	800	230	4619872
Perfluorooctane Sulfonate (PFOS)	ng/L	23000 (1)	800	140	4619872	30000 (2)	800	140	4619872
Perfluoropentanoic Acid (PFPeA)	ng/L	6200 (1)	800	210	4619872	1800 (2)	800	210	4619872
Perfluorotetradecanoic Acid	ng/L	31 U (3) U	100	31	4625389	200 U (2) U	800	200	4619872
Perfluorotridecanoic Acid	ng/L	30 U (3) U	100	30	4625389	300 U (2)	800	300	4619872
Perfluoroundecanoic Acid (PFUnA)	ng/L	52 J (3) J	100	25	4625389	140 U (2)	800	140	4619872
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	107	N/A	N/A	4619872	105	N/A	N/A	4619872
13C4-Perfluorooctanoic acid	%	104	N/A	N/A	4619872	111	N/A	N/A	4619872

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to high concentration of the target analyte, sample required high level analysis. Detection limit was adjusted accordingly.
(2) Due to high concentrations of the target analytes, sample required high level analysis. Detection limit was adjusted accordingly.
(3) Due to high concentrations of the target analytes, sample required 50x dilution. Detection limit was adjusted accordingly.

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Client Project #: M2032.0001 (SAVANNAH)
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RESULTS OF ANALYSES OF WATER

Maxxam ID		CWN357				CWN358			
Sampling Date		2016/08/10 15:30				2016/08/08 09:15			
COC Number		263				256			
	UNITS	MCGRE01-013-SW-001	RDL	MDL	QC Batch	RINSATE 05	RDL	MDL	QC Batch
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ng/L	150 (1) J 10a	40	8.7	4625389	0.87 U	4.0	0.87	4622429
8:2 Fluorotelomer sulfonate	ng/L	1.7 J J	4.0	0.99	4625389	0.99 U	4.0	0.99	4622429
Perfluorobutane Sulfonate (PFBS)	ng/L	26	2.0	0.27	4625389	0.27 U	2.0	0.27	4622429
Perfluorobutanoic acid	ng/L	19	2.0	0.41	4625389	0.41 U	2.0	0.41	4622429
Perfluorodecane Sulfonate	ng/L	0.60 J J	2.0	0.38	4625389	0.38 U	2.0	0.38	4622429
Perfluorodecanoic Acid (PFDA)	ng/L	4.3	2.0	0.24	4625389	0.25 J	2.0	0.24	4622429
Perfluorododecanoic Acid (PFDoA)	ng/L	1.5 J J	2.0	0.63	4625389	0.63 U	2.0	0.63	4622429
Perfluoroheptanoic Acid (PFHpA)	ng/L	27	2.0	0.39	4625389	0.39 U	2.0	0.39	4622429
Perfluorohexane Sulfonate (PFHxS)	ng/L	190 (1)	20	4.0	4625389	0.56 J	2.0	0.40	4622429
Perfluorohexanoic Acid (PFHxA)	ng/L	79	2.0	0.42	4625389	0.42 U	2.0	0.42	4622429
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	57	2.0	0.39	4625389	0.39 U	2.0	0.39	4622429
Perfluorononanoic Acid (PFNA)	ng/L	7.5	2.0	0.33	4625389	0.44 J	2.0	0.33	4622429
Perfluorooctane Sulfonamide (PFOSA)	ng/L	1.5 J J	4.0	0.59	4625389	0.59 U	4.0	0.59	4622429
Perfluorooctane Sulfonate (PFOS)	ng/L	350 (1)	20	3.0	4625389	0.93 J	2.0	0.30	4622429
Perfluoropentanoic Acid (PFPeA)	ng/L	74	2.0	0.46	4625389	0.52 J	2.0	0.46	4622429
Perfluorotetradecanoic Acid	ng/L	0.61 U UJ 10a	2.0	0.61	4625389	0.61 U	2.0	0.61	4622429
Perfluorotridecanoic Acid	ng/L	0.60 U UJ 10a	2.0	0.60	4625389	0.60 U	2.0	0.60	4622429
Perfluoroundecanoic Acid (PFUnA)	ng/L	1.2 J J	2.0	0.50	4625389	0.50 U	2.0	0.50	4622429
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	88	N/A	N/A	4625389	90	N/A	N/A	4622429
13C4-Perfluorooctanoic acid	%	77	N/A	N/A	4625389	92	N/A	N/A	4622429

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to high concentration of the target analyte, sample required 10x dilution. Detection limit was adjusted accordingly.

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Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF WATER

Maxxam ID		CWN359				CWN360			
Sampling Date		2016/08/08 11:12				2016/08/08 12:25			
COC Number		256				256			
	UNITS	MCGRE04-006-GW-0020	RDL	MDL	QC Batch	MCGRE04-005-GW-0020	RDL	MDL	QC Batch
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ng/L	0.87 U U	4.0	0.87	4625389	14	4.0	0.87	4629509
8:2 Fluorotelomer sulfonate	ng/L	0.99 U U	4.0	0.99	4625389	0.99 U U	4.0	0.99	4629509
Perfluorobutane Sulfonate (PFBS)	ng/L	7.5	2.0	0.27	4625389	69	2.0	0.27	4629509
Perfluorobutanoic acid	ng/L	8.4	2.0	0.41	4625389	33 J KQ	2.0	0.41	4629509
Perfluorodecane Sulfonate	ng/L	0.38 U U	2.0	0.38	4625389	0.38 U U	2.0	0.38	4629509
Perfluorodecanoic Acid (PFDA)	ng/L	1.4 J J	2.0	0.24	4625389	0.54 J JB6C	2.0	0.24	4629509
Perfluorododecanoic Acid (PFDoA)	ng/L	0.63 U U	2.0	0.63	4625389	0.63 U U	2.0	0.63	4629509
Perfluoroheptanoic Acid (PFHpA)	ng/L	9.1	2.0	0.39	4625389	48	2.0	0.39	4629509
Perfluorohexane Sulfonate (PFHxS)	ng/L	78	2.0	0.40	4625389	1000 (1)	800	160	4619872
Perfluorohexanoic Acid (PFHxA)	ng/L	16	2.0	0.42	4625389	150	20	4.2	4629509
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	34	2.0	0.39	4625389	140	20	3.9	4629509
Perfluorononanoic Acid (PFNA)	ng/L	5.7	2.0	0.33	4625389	5.5 JB6C	2.0	0.33	4629509
Perfluorooctane Sulfonamide (PFOSA)	ng/L	0.59 U U	4.0	0.59	4625389	0.59 U U	4.0	0.59	4629509
Perfluorooctane Sulfonate (PFOS)	ng/L	280 (2)	20	3.0	4625389	580	20	3.0	4629509
Perfluoropentanoic Acid (PFPeA)	ng/L	11	2.0	0.46	4625389	68	2.0	0.46	4629509
Perfluorotetradecanoic Acid	ng/L	0.61 U UJ 10a	2.0	0.61	4625389	0.61 U UJ 10a	2.0	0.61	4629509
Perfluorotridecanoic Acid	ng/L	0.60 U UJ 10a	2.0	0.60	4625389	0.60 U UJ KQ	2.0	0.60	4629509
Perfluoroundecanoic Acid (PFUnA)	ng/L	0.50 U U	2.0	0.50	4625389	0.50 U U	2.0	0.50	4629509
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	82	N/A	N/A	4625389	79	N/A	N/A	4629509
13C4-Perfluorooctanoic acid	%	80	N/A	N/A	4625389	81	N/A	N/A	4629509

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to high concentration of the target analyte, sample required high level analysis. Detection limit was adjusted accordingly.

(2) Due to high concentration of the target analyte, sample required 10x dilution. Detection limit was adjusted accordingly.

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Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF WATER

Maxxam ID		CWN361				CWN363			
Sampling Date		2016/08/08 15:10				2016/08/08 18:10			
COC Number		256				256			
	UNITS	MCGRE04-004-GW-0020	RDL	MDL	QC Batch	MCGRE04-001-GW-015	RDL	MDL	QC Batch
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ng/L	0.87 U U	4.0	0.87	4625389	0.87 U U	4.0	0.87	4623650
8:2 Fluorotelomer sulfonate	ng/L	0.99 U U	4.0	0.99	4625389	0.99 U U	4.0	0.99	4623650
Perfluorobutane Sulfonate (PFBS)	ng/L	7.8	2.0	0.27	4625389	5.4	2.0	0.27	4623650
Perfluorobutanoic acid	ng/L	44 (1)	20	4.1	4625389	13	2.0	0.41	4623650
Perfluorodecane Sulfonate	ng/L	0.38 U U	2.0	0.38	4625389	0.51 J J	2.0	0.38	4623650
Perfluorodecanoic Acid (PFDA)	ng/L	0.24 U	2.0	0.24	4625389	0.34 J JB6C	2.0	0.24	4623650
Perfluorododecanoic Acid (PFDoA)	ng/L	0.63 U	2.0	0.63	4625389	0.63 U U	2.0	0.63	4623650
Perfluoroheptanoic Acid (PFHpA)	ng/L	27	2.0	0.39	4625389	19	2.0	0.39	4623650
Perfluorohexane Sulfonate (PFHxS)	ng/L	30	2.0	0.40	4625389	29	2.0	0.40	4623650
Perfluorohexanoic Acid (PFHxA)	ng/L	85	2.0	0.42	4625389	30	2.0	0.42	4623650
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	36	2.0	0.39	4625389	36	2.0	0.39	4623650
Perfluorononanoic Acid (PFNA)	ng/L	0.42 J J	2.0	0.33	4625389	0.39 J JB6C	2.0	0.33	4623650
Perfluorooctane Sulfonamide (PFOSA)	ng/L	0.59 U U	4.0	0.59	4625389	1.4 J J	4.0	0.59	4623650
Perfluorooctane Sulfonate (PFOS)	ng/L	3.6	2.0	0.30	4625389	34	2.0	0.30	4623650
Perfluoropentanoic Acid (PFPeA)	ng/L	81	2.0	0.46	4625389	18	2.0	0.46	4623650
Perfluorotetradecanoic Acid	ng/L	0.61 U UJ 10a	2.0	0.61	4625389	0.61 U UJ 10a	2.0	0.61	4623650
Perfluorotridecanoic Acid	ng/L	0.60 U UJ 10a	2.0	0.60	4625389	0.60 U UJ 10a	2.0	0.60	4623650
Perfluoroundecanoic Acid (PFUnA)	ng/L	0.50 U U	2.0	0.50	4625389	0.50 U U	2.0	0.50	4623650
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	93	N/A	N/A	4625389	73	N/A	N/A	4623650
13C4-Perfluorooctanoic acid	%	86	N/A	N/A	4625389	61	N/A	N/A	4623650

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to matrix interference, sample required 10x dilution. Detection limit was adjusted accordingly.

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Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
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RESULTS OF ANALYSES OF WATER

Maxxam ID		CWN365				CWN366			
Sampling Date		2016/08/09 09:35				2016/08/09 12:17			
COC Number		256				256			
	UNITS	MCGRE01-SS31-MW08S-GW-018	RDL	MDL	QC Batch	MCGRE01-ST22-MW09S-GW-015	RDL	MDL	QC Batch
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ng/L	2.8 J J	4.0	0.87	4623650	1.1 J J	4.0	0.87	4625389
8:2 Fluorotelomer sulfonate	ng/L	0.99 U U	4.0	0.99	4623650	0.99 U U	4.0	0.99	4625389
Perfluorobutane Sulfonate (PFBS)	ng/L	22	2.0	0.27	4623650	9.9	2.0	0.27	4625389
Perfluorobutanoic acid	ng/L	46	2.0	0.41	4623650	200 (1)	20	4.1	4625389
Perfluorodecane Sulfonate	ng/L	0.38 U U	2.0	0.38	4623650	0.38 U U	2.0	0.38	4625389
Perfluorodecanoic Acid (PFDA)	ng/L	49	2.0	0.24	4623650	24	2.0	0.24	4625389
Perfluorododecanoic Acid (PFDoA)	ng/L	0.63 U U	2.0	0.63	4623650	0.63 U U	2.0	0.63	4625389
Perfluoroheptanoic Acid (PFHpA)	ng/L	120 (1)	20	3.9	4623650	360 (1)	20	3.9	4625389
Perfluorohexane Sulfonate (PFHxS)	ng/L	330 (1)	20	4.0	4623650	340 (1)	20	4.0	4625389
Perfluorohexanoic Acid (PFHxA)	ng/L	230 (1)	20	4.2	4623650	520 (1)	20	4.2	4625389
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	540 (1)	20	3.9	4623650	850 (2)	800	200	4619875
Perfluorononanoic Acid (PFNA)	ng/L	53	2.0	0.33	4623650	130 (1)	20	3.3	4625389
Perfluorooctane Sulfonamide (PFOSA)	ng/L	0.59 U U	4.0	0.59	4623650	0.85 J J	4.0	0.59	4625389
Perfluorooctane Sulfonate (PFOS)	ng/L	190 (1)	20	3.0	4623650	520 (1)	20	3.0	4625389
Perfluoropentanoic Acid (PFPeA)	ng/L	160 (1)	20	4.6	4623650	540 (1)	20	4.6	4625389
Perfluorotetradecanoic Acid	ng/L	0.61 U UJ Na	2.0	0.61	4623650	0.61 U UJ Na	2.0	0.61	4625389
Perfluorotridecanoic Acid	ng/L	0.60 U UJ Na	2.0	0.60	4623650	0.60 U UJ Na	2.0	0.60	4625389
Perfluoroundecanoic Acid (PFUnA)	ng/L	0.50 U U	2.0	0.50	4623650	0.50 U U	2.0	0.50	4625389
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	93	N/A	N/A	4623650	91	N/A	N/A	4625389
13C4-Perfluorooctanoic acid	%	91	N/A	N/A	4623650	102	N/A	N/A	4619875

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to high concentration of the target analyte, sample required 10x dilution. Detection limit was adjusted accordingly.
(2) Due to high concentration of the target analyte, sample required high level analysis. Detection limit was adjusted accordingly.

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Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
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RESULTS OF ANALYSES OF WATER

Maxxam ID		CWN367				CWN368			
Sampling Date		2016/08/09 13:52				2016/08/09 15:25			
COC Number		256				256			
	UNITS	MCGRE01-SS30-MW10S-GW-010	RDL	MDL	QC Batch	MCGRE01-SS30-MW01S-GW-009	RDL	MDL	QC Batch
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ng/L	8.7 U (1)	40	8.7	4625389	0.87 U U	4.0	0.87	4625389
8:2 Fluorotelomer sulfonate	ng/L	9.9 U (1)	40	9.9	4625389	0.99 U U	4.0	0.99	4625389
Perfluorobutane Sulfonate (PFBS)	ng/L	85 (1)	20	2.7	4625389	0.91 J J	2.0	0.27	4625389
Perfluorobutanoic acid	ng/L	36 (1)	20	4.1	4625389	3.2	2.0	0.41	4625389
Perfluorodecane Sulfonate	ng/L	3.8 U (1) U	20	3.8	4625389	0.38 U U	2.0	0.38	4625389
Perfluorodecanoic Acid (PFDA)	ng/L	2.4 U (1)	20	2.4	4625389	0.95 J JB6C	2.0	0.24	4625389
Perfluorododecanoic Acid (PFDoA)	ng/L	6.3 U (1)	20	6.3	4625389	0.63 U U	2.0	0.63	4625389
Perfluoroheptanoic Acid (PFHpA)	ng/L	70 (1)	20	3.9	4625389	2.2	2.0	0.39	4625389
Perfluorohexane Sulfonate (PFHxS)	ng/L	3800 (2)	800	160	4619875	6.0	2.0	0.40	4625389
Perfluorohexanoic Acid (PFHxA)	ng/L	230 (1)	20	4.2	4625389	3.9	2.0	0.42	4625389
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	590 (1)	20	3.9	4625389	4.9	2.0	0.39	4625389
Perfluorononanoic Acid (PFNA)	ng/L	11 J (1) J	20	3.3	4625389	0.62 J JB6C	2.0	0.33	4625389
Perfluorooctane Sulfonamide (PFOSA)	ng/L	5.9 U (1) U	40	5.9	4625389	0.59 U U	4.0	0.59	4625389
Perfluorooctane Sulfonate (PFOS)	ng/L	370 (1)	20	3.0	4625389	7.7	2.0	0.30	4625389
Perfluoropentanoic Acid (PFPeA)	ng/L	58 (1)	20	4.6	4625389	7.2	2.0	0.46	4625389
Perfluorotetradecanoic Acid	ng/L	6.1 U (1) U	20	6.1	4625389	0.61 U U	2.0	0.61	4625389
Perfluorotridecanoic Acid	ng/L	6.0 U (1)	20	6.0	4625389	0.60 U	2.0	0.60	4625389
Perfluoroundecanoic Acid (PFUnA)	ng/L	5.0 U (1)	20	5.0	4625389	0.50 U	2.0	0.50	4625389
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	87	N/A	N/A	4625389	79	N/A	N/A	4625389
13C4-Perfluorooctanoic acid	%	92	N/A	N/A	4625389	77	N/A	N/A	4625389

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) Due to high concentrations of the target analytes, sample required 10x dilution. Detection limit was adjusted accordingly.
(2) Due to high concentration of the target analyte, sample required high level analysis. Detection limit was adjusted accordingly.

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Maxxam Job #: B6H1147
Report Date: 2016/08/30

Aerostar SES LLC
Client Project #: M2032.0001 (SAVANNAH)
Site Location: JBMDL

RESULTS OF ANALYSES OF WATER

Maxxam ID		CWN371				CWN372			
Sampling Date		2016/08/10 09:10				2016/08/10 11:00			
COC Number		256				256			
	UNITS	MCGRE03-IU1E32MW03-GW-019	RDL	MDL	QC Batch	RINSATE 06	RDL	MDL	QC Batch
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ng/L	2.0 J J	4.0	0.87	4625389	0.87 U	4.0	0.87	4622429
8:2 Fluorotelomer sulfonate	ng/L	0.99 U U	4.0	0.99	4625389	0.99 U	4.0	0.99	4622429
Perfluorobutane Sulfonate (PFBS)	ng/L	2.1	2.0	0.27	4625389	0.27 U	2.0	0.27	4622429
Perfluorobutanoic acid	ng/L	1.2 J J	2.0	0.41	4625389	0.41 U	2.0	0.41	4622429
Perfluorodecane Sulfonate	ng/L	0.38 U U	2.0	0.38	4625389	0.38 U	2.0	0.38	4622429
Perfluorodecanoic Acid (PFDA)	ng/L	0.37 J JB6C	2.0	0.24	4625389	0.24 U	2.0	0.24	4622429
Perfluorododecanoic Acid (PFDoA)	ng/L	0.63 U U	2.0	0.63	4625389	0.63 U	2.0	0.63	4622429
Perfluoroheptanoic Acid (PFHpA)	ng/L	2.8	2.0	0.39	4625389	0.39 U	2.0	0.39	4622429
Perfluorohexane Sulfonate (PFHxS)	ng/L	17	2.0	0.40	4625389	0.40 U	2.0	0.40	4622429
Perfluorohexanoic Acid (PFHxA)	ng/L	3.6	2.0	0.42	4625389	0.42 U	2.0	0.42	4622429
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	6.8	2.0	0.39	4625389	0.39 U	2.0	0.39	4622429
Perfluorononanoic Acid (PFNA)	ng/L	0.60 J JB6C	2.0	0.33	4625389	0.33 U	2.0	0.33	4622429
Perfluorooctane Sulfonamide (PFOSA)	ng/L	5.9 U (1) U	40	5.9	4625389	0.59 U	4.0	0.59	4622429
Perfluorooctane Sulfonate (PFOS)	ng/L	4.0 B6C	2.0	0.30	4625389	0.89 J	2.0	0.30	4622429
Perfluoropentanoic Acid (PFPeA)	ng/L	0.85 J JB6C	2.0	0.46	4625389	0.46 U	2.0	0.46	4622429
Perfluorotetradecanoic Acid	ng/L	0.61 U UJ Ka	2.0	0.61	4625389	0.61 U	2.0	0.61	4622429
Perfluorotridecanoic Acid	ng/L	0.60 U UJ Ka	2.0	0.60	4625389	0.60 U	2.0	0.60	4622429
Perfluoroundecanoic Acid (PFUnA)	ng/L	0.50 U U	2.0	0.50	4625389	0.50 U	2.0	0.50	4622429
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	84	N/A	N/A	4625389	86	N/A	N/A	4622429
13C4-Perfluorooctanoic acid	%	80	N/A	N/A	4625389	87	N/A	N/A	4622429

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch
N/A = Not Applicable
(1) The internal standard exhibited low recovery and as such, may not have allowed for accurate recovery correction of the associated native compound. The sample was diluted 10x and detection limit was adjusted accordingly.