

Maxxam Job #: B6G7490
Report Date: 2016/08/24

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVV992	CVV993			
Sampling Date		2016/08/05 11:35	2016/08/05 12:20			
COC Number		na	na			
	UNITS	MCGRE06-001-SO-905	MCGRE06-004-SO-006	RDL	MDL	QC Batch
Inorganics						
Moisture	%	17	13	1.0	0.50	4617163
Miscellaneous Parameters						
6:2 Fluorotelomer sulfonate	ug/kg	5.7	4.1	1.0	0.25	4615911
8:2 Fluorotelomer sulfonate	ug/kg	1.3 J 17	0.21 U u	1.0	0.21	4615911
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.25 U u	0.31 J J	1.0	0.25	4615911
Perfluorobutanoic acid	ug/kg	0.68 J J	0.61 J J	1.0	0.23	4615911
Perfluorodecane Sulfonate	ug/kg	0.20 U u	0.20 U u	1.0	0.20	4615911
Perfluorodecanoic Acid (PFDA)	ug/kg	0.28 U u	0.28 U u	1.0	0.28	4615911
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.24 U u	0.24 U u	1.0	0.24	4615911
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.40 J J 17	0.84 J J	1.0	0.18	4615911
Perfluorohexane Sulfonate (PFHxS)	ug/kg	1.3 J 17	3.8	1.0	0.19	4615911
Perfluorohexanoic Acid (PFHxA)	ug/kg	3.0	2.1	1.0	0.21	4615911
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.25 J J 17	1.0	1.0	0.12	4615911
Perfluorononanoic Acid (PFNA)	ug/kg	0.14 U u	0.99 J J	1.0	0.14	4615911
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	1.2 J 17	0.17 U u 57	1.0	0.17	4615911
Perfluorooctane Sulfonate (PFOS)	ug/kg	8.7 J 17	4.3	1.0	0.16	4615911
Perfluoropentanoic Acid (PFPeA)	ug/kg	1.1 J 17	2.0	1.0	0.21	4615911
Perfluorotetradecanoic Acid	ug/kg	0.22 U u	0.22 U u	1.0	0.22	4615911
Perfluorotridecanoic Acid	ug/kg	0.25 U u	0.25 U u	1.0	0.25	4615911
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.26 U u	0.26 U u	1.0	0.26	4615911
Surrogate Recovery (%)						
13C4-Perfluorooctanesulfonate	%	91	86	N/A	N/A	4615911
13C4-Perfluorooctanoic acid	%	94	89	N/A	N/A	4615911
13C8-Perfluorooctanesulfonamide	%	71	68	N/A	N/A	4615911
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						
N/A = Not Applicable						

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RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVV994				CVV995			
Sampling Date		2016/08/05 13:00				2016/08/05 13:45			
COC Number		na				na			
	UNITS	MCGRE06-003-SO-003	RDL	MDL	QC Batch	MCGRE06-005-SO-003	RDL	MDL	QC Batch
Inorganics									
Moisture	%	9.7	1.0	0.50	4617208	20	1.0	0.50	4617163
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	0.86 J J	1.0	0.25	4615911	13	1.2	0.30	4615911
8:2 Fluorotelomer sulfonate	ug/kg	0.41 J J	1.0	0.21	4615911	6.5	1.2	0.25	4615911
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.25 U UJ 7a	1.0	0.25	4615911	0.33 J J 7a	1.2	0.30	4615911
Perfluorobutanoic acid	ug/kg	0.42 J J	1.0	0.23	4615911	0.89 J J	1.2	0.28	4615911
Perfluorodecane Sulfonate	ug/kg	0.45 J J 7a	1.0	0.20	4615911	1.5 J 7a	1.2	0.24	4615911
Perfluorodecanoic Acid (PFDA)	ug/kg	0.28 U u	1.0	0.28	4615911	0.34 U u	1.2	0.34	4615911
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.36 J J	1.0	0.24	4615911	0.29 U u	1.2	0.29	4615911
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.28 J J	1.0	0.18	4615911	1.0 J J	1.2	0.22	4615911
Perfluorohexane Sulfonate (PFHxS)	ug/kg	2.7 J 7a	1.0	0.19	4615911	6.6 J 7a	1.2	0.23	4615911
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.73 J J	1.0	0.21	4615911	2.8	1.2	0.25	4615911
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.33 J J	1.0	0.12	4615911	2.9	1.2	0.14	4615911
Perfluorononanoic Acid (PFNA)	ug/kg	0.21 J J	1.0	0.14	4615911	4.3	1.2	0.17	4615911
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	1.4	1.0	0.17	4615911	530	120	0.20	4615911
Perfluorooctane Sulfonate (PFOS)	ug/kg	82 J 7a	10	0.16	4615911	1100 J 7a	120	0.19	4615911
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.45 J J	1.0	0.21	4615911	1.9	1.2	0.25	4615911
Perfluorotetradecanoic Acid	ug/kg	0.22 U u	1.0	0.22	4615911	0.26 U UJ 10a	1.2	0.26	4615911
Perfluorotridecanoic Acid	ug/kg	1.5	1.0	0.25	4615911	0.30 U UJ 10a	1.2	0.30	4615911
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.64 J J	1.0	0.26	4615911	0.31 U u	1.2	0.31	4615911
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	69	N/A	N/A	4615911	69	N/A	N/A	4615911
13C4-Perfluorooctanoic acid	%	88	N/A	N/A	4615911	83	N/A	N/A	4615911
13C8-Perfluorooctanesulfonamide	%	72	N/A	N/A	4615911	62	N/A	N/A	4615911
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable									

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RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVV996				CVV997					
Sampling Date		2016/08/05 14:30				2016/08/05 15:35					
COC Number		na				na					
	UNITS	MCGRE06-002-SO-005	RDL	MDL	QC Batch	MCGRE04-002-SS-001	RDL	MDL	QC Batch		
Inorganics											
Moisture	%	12	1.0	0.50	4617163	11	1.0	0.50	4617208		
Miscellaneous Parameters											
6:2 Fluorotelomer sulfonate	ug/kg	1.9	0.96	0.24	4615911	0.25 U	u	1.0	0.25	4615911	
8:2 Fluorotelomer sulfonate	ug/kg	0.20 U	u	0.96	0.20	4615911	0.21 U	↓	1.0	0.21	4615911
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.34 J	J	0.96	0.24	4615911	0.25 U	↓	1.0	0.25	4615911
Perfluorobutanoic acid	ug/kg	0.60 J	J	0.96	0.22	4615911	0.54 J	J	1.0	0.23	4615911
Perfluorodecane Sulfonate	ug/kg	0.19 U	u	0.96	0.19	4615911	0.20 U	u	1.0	0.20	4615911
Perfluorodecanoic Acid (PFDA)	ug/kg	0.27 U	u	0.96	0.27	4615911	0.28 U	↓	1.0	0.28	4615911
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.23 U	u	0.96	0.23	4615911	0.24 U	↓	1.0	0.24	4615911
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.69 J	J	0.96	0.17	4615911	0.18 U	↓	1.0	0.18	4615911
Perfluorohexane Sulfonate (PFHxS)	ug/kg	3.2		0.96	0.18	4615911	0.49 J	J	1.0	0.19	4615911
Perfluorohexanoic Acid (PFHxA)	ug/kg	1.7		0.96	0.20	4615911	0.36 J	J	1.0	0.21	4615911
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.67 J	J	0.96	0.12	4615911	0.29 J	J	1.0	0.12	4615911
Perfluorononanoic Acid (PFNA)	ug/kg	0.54 J	J	0.96	0.13	4615911	0.44 J	J	1.0	0.14	4615911
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.16 U	J	0.96	0.16	4615911	0.17 U	u	1.0	0.17	4615911
Perfluorooctane Sulfonate (PFOS)	ug/kg	5.2		0.96	0.15	4615911	5.6		1.0	0.16	4615911
Perfluoropentanoic Acid (PFPeA)	ug/kg	1.7		0.96	0.20	4615911	0.55 J	J	1.0	0.21	4615911
Perfluorotetradecanoic Acid	ug/kg	0.21 U	u	0.96	0.21	4615911	0.22 U	u	1.0	0.22	4615911
Perfluorotridecanoic Acid	ug/kg	0.24 U	u	0.96	0.24	4615911	0.25 U	u	1.0	0.25	4615911
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.25 U	u	0.96	0.25	4615911	0.26 U	u	1.0	0.26	4615911
Surrogate Recovery (%)											
13C4-Perfluorooctanesulfonate	%	86	N/A	N/A	4615911	96	N/A	N/A	4615911		
13C4-Perfluorooctanoic acid	%	86	N/A	N/A	4615911	93	N/A	N/A	4615911		
13C8-Perfluorooctanesulfonamide	%	65	N/A	N/A	4615911	77	N/A	N/A	4615911		
RDL = Reportable Detection Limit											
QC Batch = Quality Control Batch											
N/A = Not Applicable											

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RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVV998		CVW006			
Sampling Date		2016/08/05 16:15		2016/08/07 10:05			
COC Number		na		na			
	UNITS	MCGRE04-002-SO-0015	QC Batch	MCGRE03-002-SO-002	RDL	MDL	QC Batch
Inorganics							
Moisture	%	15	4617208	11	1.0	0.50	4617208
Miscellaneous Parameters							
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U <i>u</i>	4615911	0.28 U <i>u</i>	1.1	0.28	4617184
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U	4615911	0.23 U	1.1	0.23	4617184
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U	4615911	0.28 U	1.1	0.28	4617184
Perfluorobutanoic acid	ug/kg	0.25 U	4615911	0.25 U	1.1	0.25	4617184
Perfluorodecane Sulfonate	ug/kg	0.22 U	4615911	0.22 U	1.1	0.22	4617184
Perfluorodecanoic Acid (PFDA)	ug/kg	0.31 U	4615911	0.31 U	1.1	0.31	4617184
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.26 U	4615911	0.26 U	1.1	0.26	4617184
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.20 U	4615911	0.20 U	1.1	0.20	4617184
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.21 U	4615911	0.21 U	1.1	0.21	4617184
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.23 U	4615911	0.23 U <i>J</i>	1.1	0.23	4617184
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.13 U	4615911	0.20 J <i>J</i>	1.1	0.13	4617184
Perfluorononanoic Acid (PFNA)	ug/kg	0.15 U	4615911	0.15 U <i>u</i>	1.1	0.15	4617184
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.19 U <i>J</i>	4615911	0.19 U <i>u</i>	1.1	0.19	4617184
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.32 J <i>J</i>	4615911	0.50 J <i>J</i>	1.1	0.18	4617184
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.23 U <i>u</i>	4615911	0.23 U <i>u</i>	1.1	0.23	4617184
Perfluorotetradecanoic Acid	ug/kg	0.24 U	4615911	0.24 U	1.1	0.24	4617184
Perfluorotridecanoic Acid	ug/kg	0.28 U	4615911	0.28 U	1.1	0.28	4617184
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.29 U <i>J</i>	4615911	0.29 U <i>J</i>	1.1	0.29	4617184
Surrogate Recovery (%)							
13C4-Perfluorooctanesulfonate	%	85	4615911	83	N/A	N/A	4617184
13C4-Perfluorooctanoic acid	%	90	4615911	90	N/A	N/A	4617184
13C8-Perfluorooctanesulfonamide	%	74	4615911	76	N/A	N/A	4617184
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable							

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVW008			CVW010			
Sampling Date		2016/08/07 11:20			2016/08/07 11:25			
COC Number		na			na			
	UNITS	MCGRE03-003-SS-001	RDL	MDL	MCGRE03-003-SO-002	RDL	MDL	QC Batch
Inorganics								
Moisture	%	13	1.0	0.50	12	1.0	0.50	4617163
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.24 U <i>u</i>	0.97	0.24	0.28 U <i>u</i>	1.1	0.28	4617184
8:2 Fluorotelomer sulfonate	ug/kg	0.20 U <i>u</i>	0.97	0.20	0.23 U <i>u</i>	1.1	0.23	4617184
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.24 U <i>u</i>	0.97	0.24	0.28 U <i>u</i>	1.1	0.28	4617184
Perfluorobutanoic acid	ug/kg	0.29 J <i>J</i>	0.97	0.22	0.25 U <i>u</i>	1.1	0.25	4617184
Perfluorodecane Sulfonate	ug/kg	0.19 U <i>u</i>	0.97	0.19	0.22 U <i>u</i>	1.1	0.22	4617184
Perfluorodecanoic Acid (PFDA)	ug/kg	0.27 U <i>u</i>	0.97	0.27	0.31 U <i>u</i>	1.1	0.31	4617184
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.23 U <i>u</i>	0.97	0.23	0.26 U <i>u</i>	1.1	0.26	4617184
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.41 J <i>J</i>	0.97	0.17	0.20 U <i>u</i>	1.1	0.20	4617184
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.18 U <i>u</i>	0.97	0.18	0.21 U <i>u</i>	1.1	0.21	4617184
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.52 J <i>J</i>	0.97	0.20	0.23 U <i>u</i>	1.1	0.23	4617184
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.86 J <i>J</i>	0.97	0.12	0.13 U <i>u</i>	1.1	0.13	4617184
Perfluorononanoic Acid (PFNA)	ug/kg	0.41 J <i>J</i>	0.97	0.14	0.15 U <i>u</i>	1.1	0.15	4617184
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.16 U <i>u</i>	0.97	0.16	0.19 U <i>u</i>	1.1	0.19	4617184
Perfluorooctane Sulfonate (PFOS)	ug/kg	1.8	0.97	0.16	0.47 J <i>J</i>	1.1	0.18	4617184
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.53 J <i>J</i>	0.97	0.20	0.23 U <i>u</i>	1.1	0.23	4617184
Perfluorotetradecanoic Acid	ug/kg	0.21 U <i>u</i>	0.97	0.21	0.24 U <i>u</i>	1.1	0.24	4617184
Perfluorotridecanoic Acid	ug/kg	0.24 U <i>u</i>	0.97	0.24	0.28 U <i>u</i>	1.1	0.28	4617184
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.25 U <i>u</i>	0.97	0.25	0.29 U <i>u</i>	1.1	0.29	4617184
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	87	N/A	N/A	87	N/A	N/A	4617184
13C4-Perfluorooctanoic acid	%	92	N/A	N/A	88	N/A	N/A	4617184
13C8-Perfluorooctanesulfonamide	%	74	N/A	N/A	79	N/A	N/A	4617184
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								
N/A = Not Applicable								

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Aerostar SES LLC
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RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVV968				CVV969			
Sampling Date		2016/08/06 08:30				2016/08/06 10:15			
COC Number		na				na			
	UNITS	MCGRE02-008-SS-001	RDL	MDL	QC Batch	MCGRE02-008-SO-009	RDL	MDL	QC Batch
Inorganics									
Moisture	%	14	1.0	0.50	4617163	2.6	1.0	0.50	4617208
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U u	1.1	0.28	4615911	0.21 U u	0.82	0.21	4615911
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U u	1.1	0.23	4615911	0.17 U u	0.82	0.17	4615911
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U u	1.1	0.28	4615911	0.21 U u	0.82	0.21	4615911
Perfluorobutanoic acid	ug/kg	0.35 J J	1.1	0.25	4615911	0.19 U u	0.82	0.19	4615911
Perfluorodecane Sulfonate	ug/kg	0.22 U u	1.1	0.22	4615911	0.16 U u	0.82	0.16	4615911
Perfluorodecanoic Acid (PFDA)	ug/kg	0.60 J J	1.1	0.31	4615911	0.23 U u	0.82	0.23	4615911
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.32 J J	1.1	0.26	4615911	0.20 U u	0.82	0.20	4615911
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.20 U u	1.1	0.20	4615911	0.15 U u	0.82	0.15	4615911
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.46 J J	1.1	0.21	4615911	1.2	0.82	0.16	4615911
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.23 U u	1.1	0.23	4615911	0.17 U u	0.82	0.17	4615911
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.13 U u	1.1	0.13	4615911	0.098 U u	0.82	0.098	4615911
Perfluorononanoic Acid (PFNA)	ug/kg	0.28 J J	1.1	0.15	4615911	0.11 U u	0.82	0.11	4615911
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.19 U u	1.1	0.19	4615911	0.14 U u	0.82	0.14	4615911
Perfluorooctane Sulfonate (PFOS)	ug/kg	9.5	1.1	0.18	4615911	46	8.2	0.13	4615911
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.40 J J	1.1	0.23	4615911	0.17 U u	0.82	0.17	4615911
Perfluorotetradecanoic Acid	ug/kg	0.24 U u	1.1	0.24	4615911	0.18 U u	0.82	0.18	4615911
Perfluorotridecanoic Acid	ug/kg	0.28 U u	1.1	0.28	4615911	0.21 U u	0.82	0.21	4615911
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.29 U u	1.1	0.29	4615911	0.21 U u	0.82	0.21	4615911
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	87	N/A	N/A	4615911	72	N/A	N/A	4615911
13C4-Perfluorooctanoic acid	%	91	N/A	N/A	4615911	93	N/A	N/A	4615911
13C8-Perfluorooctanesulfonamide	%	72	N/A	N/A	4615911	74	N/A	N/A	4615911
RDL = Reportable Detection Limit									
QC Batch = Quality Control Batch									
N/A = Not Applicable									

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RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVV971	CVV971		CVV972			
Sampling Date		2016/08/06 10:40	2016/08/06 10:40		2016/08/06 10:50			
COC Number		na	na		na			
	UNITS	MCGRE02-007-SS-001	MCGRE02-007-SS-001 Lab-Dup	QC Batch	MCGRE02-006-SS-001	RDL	MDL	QC Batch
Inorganics								
Moisture	%	11	12	4617163	12	1.0	0.50	4617208
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U <i>u</i>	N/A	4615911	0.28 U <i>u</i>	1.1	0.28	4615911
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U <i>u</i>	N/A	4615911	0.23 U <i>u</i>	1.1	0.23	4615911
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U <i>u</i>	N/A	4615911	0.28 U <i>u</i>	1.1	0.28	4615911
Perfluorobutanoic acid	ug/kg	0.78 J <i>J</i>	N/A	4615911	0.47 J <i>J</i>	1.1	0.25	4615911
Perfluorodecane Sulfonate	ug/kg	0.22 U <i>u</i>	N/A	4615911	0.22 U <i>u</i>	1.1	0.22	4615911
Perfluorodecanoic Acid (PFDA)	ug/kg	0.60 J <i>J</i>	N/A	4615911	0.59 J <i>J</i>	1.1	0.31	4615911
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.26 U <i>u</i>	N/A	4615911	0.26 U <i>u</i>	1.1	0.26	4615911
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.71 J <i>J</i>	N/A	4615911	0.35 J <i>J</i>	1.1	0.20	4615911
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.39 J <i>J</i>	N/A	4615911	1.7	1.1	0.21	4615911
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.69 J <i>J</i>	N/A	4615911	0.56 J <i>J</i>	1.1	0.23	4615911
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	1.9	N/A	4615911	1.1	1.1	0.13	4615911
Perfluorononanoic Acid (PFNA)	ug/kg	0.62 J <i>J</i>	N/A	4615911	0.63 J <i>J</i>	1.1	0.15	4615911
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.19 U <i>u</i> <i>7a</i>	N/A	4615911	0.19 U <i>u</i> <i>7a</i>	1.1	0.19	4615911
Perfluorooctane Sulfonate (PFOS)	ug/kg	4.8	N/A	4615911	6.0	1.1	0.18	4615911
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.84 J <i>J</i>	N/A	4615911	0.52 J <i>J</i>	1.1	0.23	4615911
Perfluorotetradecanoic Acid	ug/kg	0.24 U <i>u</i>	N/A	4615911	0.24 U <i>u</i>	1.1	0.24	4615911
Perfluorotridecanoic Acid	ug/kg	0.28 U <i>u</i>	N/A	4615911	0.28 U <i>u</i>	1.1	0.28	4615911
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.29 U <i>u</i>	N/A	4615911	0.29 U <i>u</i>	1.1	0.29	4615911
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	96	N/A	4615911	85	N/A	N/A	4615911
13C4-Perfluorooctanoic acid	%	97	N/A	4615911	84	N/A	N/A	4615911
13C8-Perfluorooctanesulfonamide	%	67	N/A	4615911	64	N/A	N/A	4615911
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable								

Maxxam Job #: B6G7490
Report Date: 2016/08/24

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVV973				CVV975			
Sampling Date		2016/08/06 11:55				2016/08/06 12:25			
COC Number		na				na			
	UNITS	MCGRE02-007-SO-009	RDL	MDL	QC Batch	MCGRE02-005-SS-001	RDL	MDL	QC Batch
Inorganics									
Moisture	%	12	1.0	0.50	4617163	6.7	1.0	0.50	4617208
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U <i>u</i>	1.1	0.28	4615911	0.25 U <i>u</i>	1.0	0.25	4615911
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U	1.1	0.23	4615911	0.21 U <i>u</i>	1.0	0.21	4615911
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U	1.1	0.28	4615911	0.25 U <i>u</i>	1.0	0.25	4615911
Perfluorobutanoic acid	ug/kg	0.25 U	1.1	0.25	4615911	0.23 U <i>u</i>	1.0	0.23	4615911
Perfluorodecane Sulfonate	ug/kg	0.22 U	1.1	0.22	4615911	0.20 U <i>u</i>	1.0	0.20	4615911
Perfluorodecanoic Acid (PFDA)	ug/kg	0.31 U	1.1	0.31	4615911	0.97 J <i>J</i>	1.0	0.28	4615911
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.26 U	1.1	0.26	4615911	0.24 U <i>u</i>	1.0	0.24	4615911
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.20 U	1.1	0.20	4615911	0.18 U <i>u</i>	1.0	0.18	4615911
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.21 U	1.1	0.21	4615911	0.58 J <i>J</i>	1.0	0.19	4615911
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.23 U	1.1	0.23	4615911	0.21 U <i>u</i>	1.0	0.21	4615911
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.13 U	1.1	0.13	4615911	0.13 J <i>J</i>	1.0	0.12	4615911
Perfluorononanoic Acid (PFNA)	ug/kg	0.15 U	1.1	0.15	4615911	0.28 J <i>J</i>	1.0	0.14	4615911
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.19 U <i>u</i>	1.1	0.19	4615911	0.17 U <i>u</i>	1.0	0.17	4615911
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.54 J <i>J</i>	1.1	0.18	4615911	4.9	1.0	0.16	4615911
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.23 U <i>u</i>	1.1	0.23	4615911	0.25 J <i>J</i>	1.0	0.21	4615911
Perfluorotetradecanoic Acid	ug/kg	0.24 U <i>u</i>	1.1	0.24	4615911	0.22 U <i>u</i>	1.0	0.22	4615911
Perfluorotridecanoic Acid	ug/kg	0.28 U <i>u</i>	1.1	0.28	4615911	0.25 U <i>u</i>	1.0	0.25	4615911
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.29 U <i>u</i>	1.1	0.29	4615911	0.26 U <i>u</i>	1.0	0.26	4615911
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	97	N/A	N/A	4615911	102	N/A	N/A	4615911
13C4-Perfluorooctanoic acid	%	98	N/A	N/A	4615911	103	N/A	N/A	4615911
13C8-Perfluorooctanesulfonamide	%	65	N/A	N/A	4615911	91	N/A	N/A	4615911
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable									

Maxxam Job #: B6G7490
Report Date: 2016/08/24

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVV976	CVV978			
Sampling Date		2016/08/06 13:40	2016/08/06 14:35			
COC Number		na	na			
	UNITS	MCGRE02-006-SO-007	MCGRE02-005-SO-007	RDL	MDL	QC Batch
Inorganics						
Moisture	%	5.3	7.3	1.0	0.50	4617208
Miscellaneous Parameters						
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U <i>u</i>	0.28 U <i>u</i>	1.1	0.28	4615911
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U	0.23 U	1.1	0.23	4615911
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U	0.28 U	1.1	0.28	4615911
Perfluorobutanoic acid	ug/kg	0.25 U	0.25 U	1.1	0.25	4615911
Perfluorodecane Sulfonate	ug/kg	0.22 U	0.22 U	1.1	0.22	4615911
Perfluorodecanoic Acid (PFDA)	ug/kg	0.31 U	0.31 U	1.1	0.31	4615911
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.26 U	0.26 U	1.1	0.26	4615911
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.20 U <i>↓</i>	0.20 U <i>↓</i>	1.1	0.20	4615911
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.46 J <i>J</i>	0.40 J <i>J</i>	1.1	0.21	4615911
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.23 U <i>u</i>	0.23 U <i>u</i>	1.1	0.23	4615911
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.13 U <i>↓</i>	0.13 U <i>u</i>	1.1	0.13	4615911
Perfluorononanoic Acid (PFNA)	ug/kg	0.15 U <i>↓</i>	0.15 U <i>u</i>	1.1	0.15	4615911
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.19 U <i>↓</i>	0.19 U <i>u</i> <i>570</i>	1.1	0.19	4615911
Perfluorooctane Sulfonate (PFOS)	ug/kg	7.0	1.4	1.1	0.18	4615911
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.23 U <i>u</i>	0.23 U <i>u</i>	1.1	0.23	4615911
Perfluorotetradecanoic Acid	ug/kg	0.24 U <i>↓</i>	0.24 U <i>u</i>	1.1	0.24	4615911
Perfluorotridecanoic Acid	ug/kg	0.28 U	0.28 U <i>u</i>	1.1	0.28	4615911
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.29 U <i>↓</i>	0.29 U <i>u</i>	1.1	0.29	4615911
Surrogate Recovery (%)						
13C4-Perfluorooctanesulfonate	%	94	100	N/A	N/A	4615911
13C4-Perfluorooctanoic acid	%	100	90	N/A	N/A	4615911
13C8-Perfluorooctanesulfonamide	%	71	69	N/A	N/A	4615911
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable						

Maxxam Job #: B6G7490
Report Date: 2016/08/24

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVV981		CVV991			
Sampling Date		2016/08/06 14:55		2016/08/05 11:35			
COC Number		na		na			
	UNITS	MCGRE02-004-SS-001	QC Batch	MCGRE06-001-SO-005	RDL	MDL	QC Batch
Inorganics							
Moisture	%	11	4617163	16	1.0	0.50	4617208
Miscellaneous Parameters							
6:2 Fluorotelomer sulfonate	ug/kg	0.25 U u	4615911	5.2	1.0	0.25	4615911
8:2 Fluorotelomer sulfonate	ug/kg	0.21 U u	4615911	7.2 J 17	1.0	0.21	4615911
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.25 U u	4615911	0.30 J J	1.0	0.25	4615911
Perfluorobutanoic acid	ug/kg	0.44 J J	4615911	0.82 J J	1.0	0.23	4615911
Perfluorodecane Sulfonate	ug/kg	0.20 U u	4615911	1.5	1.0	0.20	4615911
Perfluorodecanoic Acid (PFDA)	ug/kg	0.34 J J	4615911	0.28 U u	1.0	0.28	4615911
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.24 U u	4615911	0.26 J J	1.0	0.24	4615911
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.29 J J	4615911	0.70 J J 17	1.0	0.18	4615911
Perfluorohexane Sulfonate (PFHxS)	ug/kg	2.5	4615911	2.9 J 17	1.0	0.19	4615911
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.60 J J	4615911	2.8	1.0	0.21	4615911
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.27 J J	4615911	0.58 J J 17	1.0	0.12	4615911
Perfluorononanoic Acid (PFNA)	ug/kg	0.33 J J	4615911	0.19 J J	1.0	0.14	4615911
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.17 U u	4615911	4.7 J 17	1.0	0.17	4615911
Perfluorooctane Sulfonate (PFOS)	ug/kg	9.4	4615911	42 J 17	1.0	0.16	4615911
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.58 J J	4615911	2.1 J 17	1.0	0.21	4615911
Perfluorotetradecanoic Acid	ug/kg	0.22 U u	4615911	0.22 U u	1.0	0.22	4615911
Perfluorotridecanoic Acid	ug/kg	0.25 U u	4615911	2.1	1.0	0.25	4615911
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.26 U u	4615911	0.40 J J	1.0	0.26	4615911
Surrogate Recovery (%)							
13C4-Perfluorooctanesulfonate	%	95	4615911	92	N/A	N/A	4615911
13C4-Perfluorooctanoic acid	%	94	4615911	94	N/A	N/A	4615911
13C8-Perfluorooctanesulfonamide	%	76	4615911	71	N/A	N/A	4615911
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable							

Maxxam Job #: B6G7490
Report Date: 2016/08/24

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVW011				CVW012			
Sampling Date		2016/08/07 10:25				2016/08/07 10:40			
COC Number		na				na			
	UNITS	MCGRE03-004-SS-001	RDL	MDL	QC Batch	MCGRE03-004-SO-004	RDL	MDL	QC Batch
Inorganics									
Moisture	%	11	1.0	0.50	4617208	15	1.0	0.50	4617163
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	0.23 U <i>u</i>	0.93	0.23	4617184	0.24 U <i>u</i>	0.97	0.24	4617184
8:2 Fluorotelomer sulfonate	ug/kg	0.20 U <i>u</i>	0.93	0.20	4617184	0.20 U <i>u</i>	0.97	0.20	4617184
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.23 U <i>u</i>	0.93	0.23	4617184	0.24 U <i>u</i>	0.97	0.24	4617184
Perfluorobutanoic acid	ug/kg	0.21 U <i>u</i>	0.93	0.21	4617184	0.22 U <i>u</i>	0.97	0.22	4617184
Perfluorodecane Sulfonate	ug/kg	0.19 U <i>u</i>	0.93	0.19	4617184	0.19 U <i>u</i>	0.97	0.19	4617184
Perfluorodecanoic Acid (PFDA)	ug/kg	0.26 U <i>u</i>	0.93	0.26	4617184	0.27 U <i>u</i>	0.97	0.27	4617184
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.22 U <i>u</i>	0.93	0.22	4617184	0.23 U <i>u</i>	0.97	0.23	4617184
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.23 J <i>J</i>	0.93	0.17	4617184	0.17 U <i>u</i>	0.97	0.17	4617184
Perfluorohexane Sulfonate (PFHxS)	ug/kg	1.1 <i>J</i>	0.93	0.18	4617184	0.65 J <i>J</i>	0.97	0.18	4617184
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.21 J <i>J</i>	0.93	0.20	4617184	0.20 U <i>u</i>	0.97	0.20	4617184
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.21 J <i>J</i>	0.93	0.11	4617184	0.17 J <i>J</i>	0.97	0.12	4617184
Perfluorononanoic Acid (PFNA)	ug/kg	0.13 U <i>u</i>	0.93	0.13	4617184	0.14 U <i>u</i>	0.97	0.14	4617184
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.16 U <i>u</i>	0.93	0.16	4617184	0.16 U <i>u</i>	0.97	0.16	4617184
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.29 J <i>J</i>	0.93	0.15	4617184	0.16 U <i>u</i>	0.97	0.16	4617184
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.20 U <i>u</i>	0.93	0.20	4617184	0.20 U <i>u</i>	0.97	0.20	4617184
Perfluorotetradecanoic Acid	ug/kg	0.20 U <i>u</i>	0.93	0.20	4617184	0.21 U <i>u</i>	0.97	0.21	4617184
Perfluorotridecanoic Acid	ug/kg	0.23 U <i>u</i>	0.93	0.23	4617184	0.24 U <i>u</i>	0.97	0.24	4617184
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.24 U <i>u</i>	0.93	0.24	4617184	0.25 U <i>u</i>	0.97	0.25	4617184
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	97	N/A	N/A	4617184	94	N/A	N/A	4617184
13C4-Perfluorooctanoic acid	%	102	N/A	N/A	4617184	92	N/A	N/A	4617184
13C8-Perfluorooctanesulfonamide	%	86	N/A	N/A	4617184	73	N/A	N/A	4617184
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable									

Maxxam Job #: B6G7490
Report Date: 2016/08/24

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVW014				CVW015			
Sampling Date		2016/08/07 13:45				2016/08/07 13:15			
COC Number		na				na			
	UNITS	MCGRE03-005-SO-006	RDL	MDL	QC Batch	MCGRE03-005-SS-001	RDL	MDL	QC Batch
Inorganics									
Moisture	%	7.2	1.0	0.50	4617208	10	1.0	0.50	4617163
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	0.25 U <i>u</i>	1.0	0.25	4617184	0.28 U <i>u</i>	1.1	0.28	4617184
8:2 Fluorotelomer sulfonate	ug/kg	0.21 U <i>↓</i>	1.0	0.21	4617184	0.23 U <i>↓</i>	1.1	0.23	4617184
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.25 U <i>↓</i>	1.0	0.25	4617184	0.28 U <i>↓</i>	1.1	0.28	4617184
Perfluorobutanoic acid	ug/kg	0.23 U <i>↓</i>	1.0	0.23	4617184	0.25 U <i>↓</i>	1.1	0.25	4617184
Perfluorodecane Sulfonate	ug/kg	0.20 U <i>↓</i>	1.0	0.20	4617184	0.22 U <i>↓</i>	1.1	0.22	4617184
Perfluorodecanoic Acid (PFDA)	ug/kg	0.28 U <i>↓</i>	1.0	0.28	4617184	0.65 J <i>J</i>	1.1	0.31	4617184
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.24 U <i>↓</i>	1.0	0.24	4617184	0.26 U <i>u</i>	1.1	0.26	4617184
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.18 U <i>↓</i>	1.0	0.18	4617184	0.32 J <i>J</i>	1.1	0.20	4617184
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.65 J <i>J</i>	1.0	0.19	4617184	0.21 U <i>u</i>	1.1	0.21	4617184
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.21 U <i>u</i>	1.0	0.21	4617184	0.32 J <i>J</i>	1.1	0.23	4617184
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.73 J <i>J</i>	1.0	0.12	4617184	0.56 J <i>J</i>	1.1	0.13	4617184
Perfluorononanoic Acid (PFNA)	ug/kg	1.3 <i>J</i>	1.0	0.14	4617184	0.50 J <i>J</i>	1.1	0.15	4617184
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.17 U <i>u</i>	1.0	0.17	4617184	0.19 U <i>u</i>	1.1	0.19	4617184
Perfluorooctane Sulfonate (PFOS)	ug/kg	5.4	1.0	0.16	4617184	6.5	1.1	0.18	4617184
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.21 U <i>u</i>	1.0	0.21	4617184	0.48 J <i>J</i>	1.1	0.23	4617184
Perfluorotetradecanoic Acid	ug/kg	0.22 U <i>↓</i>	1.0	0.22	4617184	0.24 U <i>u</i>	1.1	0.24	4617184
Perfluorotridecanoic Acid	ug/kg	0.25 U <i>↓</i>	1.0	0.25	4617184	0.28 U <i>u</i>	1.1	0.28	4617184
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.26 U <i>↓</i>	1.0	0.26	4617184	0.29 U <i>u</i>	1.1	0.29	4617184
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	94	N/A	N/A	4617184	91	N/A	N/A	4617184
13C4-Perfluorooctanoic acid	%	93	N/A	N/A	4617184	91	N/A	N/A	4617184
13C8-Perfluorooctanesulfonamide	%	74	N/A	N/A	4617184	74	N/A	N/A	4617184
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable									

Maxxam Job #: B6G7490
Report Date: 2016/08/24

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVW016			CVW017			
Sampling Date		2016/08/07 14:20			2016/08/07 13:45			
COC Number		na			na			
	UNITS	MCGRE03-006-SO-007	RDL	MDL	MCGRE03-006-SS-001	RDL	MDL	QC Batch
Inorganics								
Moisture	%	6.5	1.0	0.50	11	1.0	0.50	4617163
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.24 U <i>u</i>	0.95	0.24	0.22 U <i>u</i>	0.87	0.22	4617184
8:2 Fluorotelomer sulfonate	ug/kg	0.20 U <i>u</i>	0.95	0.20	0.18 U <i>u</i>	0.87	0.18	4617184
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.24 U <i>u</i>	0.95	0.24	0.22 U <i>u</i>	0.87	0.22	4617184
Perfluorobutanoic acid	ug/kg	0.22 U <i>u</i>	0.95	0.22	0.42 J <i>J</i>	0.87	0.20	4617184
Perfluorodecane Sulfonate	ug/kg	0.19 U <i>u</i>	0.95	0.19	0.26 J <i>J</i>	0.87	0.17	4617184
Perfluorodecanoic Acid (PFDA)	ug/kg	0.27 U <i>u</i>	0.95	0.27	0.53 J <i>J</i>	0.87	0.24	4617184
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.23 U <i>u</i>	0.95	0.23	0.21 J <i>J</i>	0.87	0.21	4617184
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.19 J <i>J</i>	0.95	0.17	0.29 J <i>J</i>	0.87	0.16	4617184
Perfluorohexane Sulfonate (PFHxS)	ug/kg	1.9 <i>u</i>	0.95	0.18	0.79 J <i>J</i>	0.87	0.17	4617184
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.21 J <i>J</i>	0.95	0.20	0.38 J <i>J</i>	0.87	0.18	4617184
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.39 J <i>J</i>	0.95	0.11	0.38 J <i>J</i>	0.87	0.10	4617184
Perfluorononanoic Acid (PFNA)	ug/kg	2.8 <i>u</i>	0.95	0.13	0.53 J <i>J</i>	0.87	0.12	4617184
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.16 U <i>u</i>	0.95	0.16	0.15 U <i>u</i>	0.87	0.15	4617184
Perfluorooctane Sulfonate (PFOS)	ug/kg	130 (1) <i>u</i>	9.5	1.5	22 <i>u</i>	0.87	0.14	4617184
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.25 J <i>J</i>	0.95	0.20	0.70 J <i>J</i>	0.87	0.18	4617184
Perfluorotetradecanoic Acid	ug/kg	0.21 U <i>u</i>	0.95	0.21	0.19 U <i>u</i>	0.87	0.19	4617184
Perfluorotridecanoic Acid	ug/kg	0.24 U <i>u</i>	0.95	0.24	0.22 U <i>u</i>	0.87	0.22	4617184
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.25 U <i>u</i>	0.95	0.25	0.23 U <i>u</i>	0.87	0.23	4617184
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	100	N/A	N/A	94	N/A	N/A	4617184
13C4-Perfluorooctanoic acid	%	97	N/A	N/A	95	N/A	N/A	4617184
13C8-Perfluorooctanesulfonamide	%	78	N/A	N/A	74	N/A	N/A	4617184
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.								

Maxxam Job #: B6G7490
Report Date: 2016/08/24

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVW018			CVW019			
Sampling Date		2016/08/07 15:30			2016/08/07 14:35			
COC Number		na			na			
	UNITS	MCGRE03-007-SO-003	RDL	MDL	MCGRE03-007-SS-001	RDL	MDL	QC Batch
Inorganics								
Moisture	%	11	1.0	0.50	7.1	1.0	0.50	4617208
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.24 U <i>u</i>	0.97	0.24	0.22 U <i>u</i>	0.89	0.22	4617184
8:2 Fluorotelomer sulfonate	ug/kg	0.20 U <i>u</i>	0.97	0.20	0.19 U <i>u</i>	0.89	0.19	4617184
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.24 U <i>u</i>	0.97	0.24	0.22 U <i>u</i>	0.89	0.22	4617184
Perfluorobutanoic acid	ug/kg	0.22 U <i>u</i>	0.97	0.22	0.20 U <i>u</i>	0.89	0.20	4617184
Perfluorodecane Sulfonate	ug/kg	0.19 U <i>u</i>	0.97	0.19	0.18 U <i>u</i>	0.89	0.18	4617184
Perfluorodecanoic Acid (PFDA)	ug/kg	0.27 U <i>u</i>	0.97	0.27	0.25 U <i>u</i>	0.89	0.25	4617184
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.23 U <i>u</i>	0.97	0.23	0.21 U <i>u</i>	0.89	0.21	4617184
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.17 U <i>u</i>	0.97	0.17	0.21 J <i>J</i>	0.89	0.16	4617184
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.27 J <i>J</i>	0.97	0.18	0.22 J <i>J</i>	0.89	0.17	4617184
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.21 J <i>J</i>	0.97	0.20	0.19 U <i>u</i>	0.89	0.19	4617184
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.26 J <i>J</i>	0.97	0.12	0.37 J <i>J</i>	0.89	0.11	4617184
Perfluorononanoic Acid (PFNA)	ug/kg	0.42 J <i>J</i>	0.97	0.14	0.57 J <i>J</i>	0.89	0.12	4617184
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.16 U <i>u</i>	0.97	0.16	0.15 U <i>u</i>	0.89	0.15	4617184
Perfluorooctane Sulfonate (PFOS)	ug/kg	2.7	0.97	0.16	4.9	0.89	0.14	4617184
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.32 J <i>J</i>	0.97	0.20	0.31 J <i>J</i>	0.89	0.19	4617184
Perfluorotetradecanoic Acid	ug/kg	0.21 U <i>u</i>	0.97	0.21	0.20 U <i>u</i>	0.89	0.20	4617184
Perfluorotridecanoic Acid	ug/kg	0.24 U <i>u</i>	0.97	0.24	0.22 U <i>u</i>	0.89	0.22	4617184
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.25 U <i>u</i>	0.97	0.25	0.23 U <i>u</i>	0.89	0.23	4617184
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	96	N/A	N/A	89	N/A	N/A	4617184
13C4-Perfluorooctanoic acid	%	92	N/A	N/A	90	N/A	N/A	4617184
13C8-Perfluorooctanesulfonamide	%	80	N/A	N/A	73	N/A	N/A	4617184
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								
N/A = Not Applicable								

Maxxam Job #: B6G7490
Report Date: 2016/08/24

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVW021			CVW022			
Sampling Date		2016/08/06 15:15			2016/08/06 17:15			
COC Number		na			na			
	UNITS	MCGRE02-002-SS-001	RDL	MDL	MCGRE02-003-SO-008	RDL	MDL	QC Batch
Inorganics								
Moisture	%	8.9	1.0	0.50	18	1.0	0.50	4617163
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.24 U <i>u</i>	0.97	0.24	0.30 U <i>u</i>	1.2	0.30	4617184
8:2 Fluorotelomer sulfonate	ug/kg	0.20 U <i>u</i>	0.97	0.20	0.25 U	1.2	0.25	4617184
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.40 J <i>J</i>	0.97	0.24	0.30 U	1.2	0.30	4617184
Perfluorobutanoic acid	ug/kg	0.40 J <i>J</i>	0.97	0.22	0.28 U	1.2	0.28	4617184
Perfluorodecane Sulfonate	ug/kg	0.19 U <i>u</i>	0.97	0.19	0.24 U	1.2	0.24	4617184
Perfluorodecanoic Acid (PFDA)	ug/kg	0.82 J <i>J</i>	0.97	0.27	0.34 U	1.2	0.34	4617184
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.23 U <i>u</i>	0.97	0.23	0.29 U	1.2	0.29	4617184
Perfluoroheptanoic Acid (PFHpA)	ug/kg	1.1	0.97	0.17	0.22 U	1.2	0.22	4617184
Perfluorohexane Sulfonate (PFHxS)	ug/kg	11	0.97	0.18	0.23 U	1.2	0.23	4617184
Perfluorohexanoic Acid (PFHxA)	ug/kg	1.8	0.97	0.20	0.25 U	1.2	0.25	4617184
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	1.1	0.97	0.12	0.14 U	1.2	0.14	4617184
Perfluorononanoic Acid (PFNA)	ug/kg	0.60 J <i>J</i>	0.97	0.14	0.17 U	1.2	0.17	4617184
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.16 U <i>u</i>	0.97	0.16	0.20 U	1.2	0.20	4617184
Perfluorooctane Sulfonate (PFOS)	ug/kg	15	0.97	0.16	0.19 U	1.2	0.19	4617184
Perfluoropentanoic Acid (PFPeA)	ug/kg	1.5	0.97	0.20	0.25 U	1.2	0.25	4617184
Perfluorotetradecanoic Acid	ug/kg	0.21 U <i>u</i>	0.97	0.21	0.26 U	1.2	0.26	4617184
Perfluorotridecanoic Acid	ug/kg	0.24 U <i>u</i>	0.97	0.24	0.30 U	1.2	0.30	4617184
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.25 U <i>u</i>	0.97	0.25	0.31 U	1.2	0.31	4617184
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	92	N/A	N/A	93	N/A	N/A	4617184
13C4-Perfluorooctanoic acid	%	97	N/A	N/A	99	N/A	N/A	4617184
13C8-Perfluorooctanesulfonamide	%	77	N/A	N/A	77	N/A	N/A	4617184
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable								

Maxxam Job #: B6G7490
Report Date: 2016/08/24

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVW023				CVW024			
Sampling Date		2016/08/06 15:35				2016/08/06 16:15			
COC Number		na				na			
	UNITS	MCGRE02-003-SS-001	RDL	MDL	QC Batch	MCGRE02-003-SO-009	RDL	MDL	QC Batch
Inorganics									
Moisture	%	8.1	1.0	0.50	4617163	16	1.0	0.50	4617208
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U <i>u</i>	1.1	0.28	4617184	0.25 U <i>u</i>	1.0	0.25	4617184
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U <i>u</i>	1.1	0.23	4617184	0.21 U <i>u</i>	1.0	0.21	4617184
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U <i>u</i>	1.1	0.28	4617184	0.25 U <i>u</i>	1.0	0.25	4617184
Perfluorobutanoic acid	ug/kg	0.50 J <i>J</i>	1.1	0.25	4617184	0.23 U <i>u</i>	1.0	0.23	4617184
Perfluorodecane Sulfonate	ug/kg	0.22 U <i>u</i>	1.1	0.22	4617184	0.20 U <i>u</i>	1.0	0.20	4617184
Perfluorodecanoic Acid (PFDA)	ug/kg	1.8	1.1	0.31	4617184	0.28 U <i>u</i>	1.0	0.28	4617184
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.49 J <i>J</i>	1.1	0.26	4617184	0.24 U <i>u</i>	1.0	0.24	4617184
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.86 J <i>J</i>	1.1	0.20	4617184	0.18 U <i>u</i>	1.0	0.18	4617184
Perfluorohexane Sulfonate (PFHxS)	ug/kg	3.7	1.1	0.21	4617184	0.77 J <i>J</i>	1.0	0.19	4617184
Perfluorohexanoic Acid (PFHxA)	ug/kg	1.3	1.1	0.23	4617184	0.24 J <i>J</i>	1.0	0.21	4617184
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	2.0	1.1	0.13	4617184	0.12 U <i>u</i>	1.0	0.12	4617184
Perfluorononanoic Acid (PFNA)	ug/kg	0.86 J <i>J</i>	1.1	0.15	4617184	0.14 U <i>u</i>	1.0	0.14	4617184
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.19 U <i>u</i>	1.1	0.19	4617184	0.17 U <i>u</i>	1.0	0.17	4617184
Perfluorooctane Sulfonate (PFOS)	ug/kg	9.9	1.1	0.18	4617184	3.4	1.0	0.16	4617184
Perfluoropentanoic Acid (PFPeA)	ug/kg	1.2	1.1	0.23	4617184	0.23 J <i>J</i>	1.0	0.21	4617184
Perfluorotetradecanoic Acid	ug/kg	0.31 J <i>J</i>	1.1	0.24	4617184	0.22 U <i>u</i>	1.0	0.22	4617184
Perfluorotridecanoic Acid	ug/kg	0.28 U <i>u</i>	1.1	0.28	4617184	0.25 U <i>u</i>	1.0	0.25	4617184
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.31 J <i>J</i>	1.1	0.29	4617184	0.26 U <i>u</i>	1.0	0.26	4617184
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	90	N/A	N/A	4617184	94	N/A	N/A	4617184
13C4-Perfluorooctanoic acid	%	93	N/A	N/A	4617184	96	N/A	N/A	4617184
13C8-Perfluorooctanesulfonamide	%	74	N/A	N/A	4617184	71	N/A	N/A	4617184
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable									

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVW026				CVW028			
Sampling Date		2016/08/06 15:30				2016/08/07 08:45			
COC Number		na				na			
	UNITS	MCGRE02-004-SO-009	RDL	MDL	QC Batch	MCGRE03-001-SS-001	RDL	MDL	QC Batch
Inorganics									
Moisture	%	5.0	1.0	0.50	4617208	9.9	1.0	0.50	4617094
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	0.24 U u	0.95	0.24	4617184	0.28 U u	1.1	0.28	4615911
8:2 Fluorotelomer sulfonate	ug/kg	0.20 U	0.95	0.20	4617184	0.23 U u	1.1	0.23	4615911
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.24 U	0.95	0.24	4617184	0.28 U u	1.1	0.28	4615911
Perfluorobutanoic acid	ug/kg	0.22 U	0.95	0.22	4617184	0.48 J J	1.1	0.25	4615911
Perfluorodecane Sulfonate	ug/kg	0.19 U	0.95	0.19	4617184	0.22 U u	1.1	0.22	4615911
Perfluorodecanoic Acid (PFDA)	ug/kg	0.27 U	0.95	0.27	4617184	1.2 J J 17	1.1	0.31	4615911
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.23 U	0.95	0.23	4617184	0.33 J J	1.1	0.26	4615911
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.17 U	0.95	0.17	4617184	1.1 J J 17	1.1	0.20	4615911
Perfluorohexane Sulfonate (PFHxS)	ug/kg	1.8	0.95	0.18	4617184	0.25 J J	1.1	0.21	4615911
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.20 U u	0.95	0.20	4617184	0.95 J J 17	1.1	0.23	4615911
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.29 J J	0.95	0.11	4617184	5.3 J J 17	1.1	0.13	4615911
Perfluorononanoic Acid (PFNA)	ug/kg	0.13 U u	0.95	0.13	4617184	0.74 J J 17	1.1	0.15	4615911
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.16 U u	0.95	0.16	4617184	0.19 U u	1.1	0.19	4615911
Perfluorooctane Sulfonate (PFOS)	ug/kg	1.1	0.95	0.15	4617184	1.3	1.1	0.18	4615911
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.20 U u	0.95	0.20	4617184	1.1 J J 17	1.1	0.23	4615911
Perfluorotetradecanoic Acid	ug/kg	0.21 U	0.95	0.21	4617184	0.24 U u	1.1	0.24	4615911
Perfluorotridecanoic Acid	ug/kg	0.24 U	0.95	0.24	4617184	0.28 U u	1.1	0.28	4615911
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.25 U	0.95	0.25	4617184	0.29 U u	1.1	0.29	4615911
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	92	N/A	N/A	4617184	87	N/A	N/A	4615911
13C4-Perfluorooctanoic acid	%	98	N/A	N/A	4617184	92	N/A	N/A	4615911
13C8-Perfluorooctanesulfonamide	%	81	N/A	N/A	4617184	75	N/A	N/A	4615911
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable									

Maxxam Job #: B6G7490
Report Date: 2016/08/24

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVW028				CVW029			
Sampling Date		2016/08/07 08:45				2016/08/07 08:55			
COC Number		na				na			
	UNITS	MCGRE03-001-SS-001 Lab-Dup	RDL	MDL	QC Batch	MCGRE03-001-SS-901	RDL	MDL	QC Batch
Inorganics									
Moisture	%	9.7	1.0	0.50	4617094	9.2	1.0	0.50	4617163
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	N/A	1.1	0.28	4615911	0.25 U <i>u</i>	0.98	0.25	4617184
8:2 Fluorotelomer sulfonate	ug/kg	N/A	1.1	0.23	4615911	0.21 U	0.98	0.21	4617184
Perfluorobutane Sulfonate (PFBS)	ug/kg	N/A	1.1	0.28	4615911	0.25 U	0.98	0.25	4617184
Perfluorobutanoic acid	ug/kg	N/A	1.1	0.25	4615911	0.23 U	0.98	0.23	4617184
Perfluorodecane Sulfonate	ug/kg	N/A	1.1	0.22	4615911	0.20 U	0.98	0.20	4617184
Perfluorodecanoic Acid (PFDA)	ug/kg	N/A	1.1	0.31	4615911	0.73 J <i>J17</i>	0.98	0.27	4617184
Perfluorododecanoic Acid (PFDoA)	ug/kg	N/A	1.1	0.26	4615911	0.24 U <i>u</i>	0.98	0.24	4617184
Perfluoroheptanoic Acid (PFHpA)	ug/kg	N/A	1.1	0.20	4615911	0.67 J <i>J17</i>	0.98	0.18	4617184
Perfluorohexane Sulfonate (PFHxS)	ug/kg	N/A	1.1	0.21	4615911	0.19 U <i>u</i>	0.98	0.19	4617184
Perfluorohexanoic Acid (PFHxA)	ug/kg	N/A	1.1	0.23	4615911	0.62 J <i>J17</i>	0.98	0.21	4617184
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	N/A	1.1	0.13	4615911	3.6 J <i>J17</i>	0.98	0.12	4617184
Perfluorononanoic Acid (PFNA)	ug/kg	N/A	1.1	0.15	4615911	0.50 J <i>J17</i>	0.98	0.14	4617184
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	N/A	1.1	0.19	4615911	0.17 U <i>u</i>	0.98	0.17	4617184
Perfluorooctane Sulfonate (PFOS)	ug/kg	N/A	1.1	0.18	4615911	1.1	0.98	0.16	4617184
Perfluoropentanoic Acid (PFPeA)	ug/kg	N/A	1.1	0.23	4615911	0.71 J <i>J17</i>	0.98	0.21	4617184
Perfluorotetradecanoic Acid	ug/kg	N/A	1.1	0.24	4615911	0.22 U <i>u</i>	0.98	0.22	4617184
Perfluorotridecanoic Acid	ug/kg	N/A	1.1	0.28	4615911	0.25 U <i>u</i>	0.98	0.25	4617184
Perfluoroundecanoic Acid (PFUnA)	ug/kg	N/A	1.1	0.29	4615911	0.25 U <i>u</i>	0.98	0.25	4617184
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	N/A	N/A	N/A	4615911	86	N/A	N/A	4617184
13C4-Perfluorooctanoic acid	%	N/A	N/A	N/A	4615911	90	N/A	N/A	4617184
13C8-Perfluorooctanesulfonamide	%	N/A	N/A	N/A	4615911	69	N/A	N/A	4617184
RDL = Reportable Detection Limit QC Batch = Quality Control Batch Lab-Dup = Laboratory Initiated Duplicate N/A = Not Applicable									

Maxxam Job #: B6G7490
Report Date: 2016/08/24

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVW030				CVW031			
Sampling Date		2016/08/07 09:20				2016/08/07 09:30			
COC Number		na				na			
	UNITS	MCGRE03-001-SO-006	RDL	MDL	QC Batch	MCGRE03-001-SO-906	RDL	MDL	QC Batch
Inorganics									
Moisture	%	18	1.0	0.50	4617094	8.5	1.0	0.50	4617163
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	0.30 U <i>u</i>	1.2	0.30	4617184	0.24 U <i>u</i>	0.94	0.24	4617184
8:2 Fluorotelomer sulfonate	ug/kg	0.25 U	1.2	0.25	4617184	0.20 U	0.94	0.20	4617184
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.30 U	1.2	0.30	4617184	0.24 U	0.94	0.24	4617184
Perfluorobutanoic acid	ug/kg	0.28 U	1.2	0.28	4617184	0.22 U	0.94	0.22	4617184
Perfluorodecane Sulfonate	ug/kg	0.24 U	1.2	0.24	4617184	0.19 U	0.94	0.19	4617184
Perfluorodecanoic Acid (PFDA)	ug/kg	0.34 U	1.2	0.34	4617184	0.26 U	0.94	0.26	4617184
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.29 U	1.2	0.29	4617184	0.23 U	0.94	0.23	4617184
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.22 U	1.2	0.22	4617184	0.17 U	0.94	0.17	4617184
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.23 U	1.2	0.23	4617184	0.18 U	0.94	0.18	4617184
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.25 U	1.2	0.25	4617184	0.20 U	0.94	0.20	4617184
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.14 U	1.2	0.14	4617184	0.14 J <i>J</i>	0.94	0.11	4617184
Perfluorononanoic Acid (PFNA)	ug/kg	0.17 U	1.2	0.17	4617184	0.13 U <i>u</i>	0.94	0.13	4617184
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.20 U	1.2	0.20	4617184	0.16 U <i>u</i>	0.94	0.16	4617184
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.19 U	1.2	0.19	4617184	0.15 U <i>u</i>	0.94	0.15	4617184
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.25 U	1.2	0.25	4617184	0.23 J <i>J</i>	0.94	0.20	4617184
Perfluorotetradecanoic Acid	ug/kg	0.26 U	1.2	0.26	4617184	0.21 U <i>u</i>	0.94	0.21	4617184
Perfluorotridecanoic Acid	ug/kg	0.30 U	1.2	0.30	4617184	0.24 U <i>u</i>	0.94	0.24	4617184
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.31 U	1.2	0.31	4617184	0.24 U <i>u</i>	0.94	0.24	4617184
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	95	N/A	N/A	4617184	95	N/A	N/A	4617184
13C4-Perfluorooctanoic acid	%	101	N/A	N/A	4617184	102	N/A	N/A	4617184
13C8-Perfluorooctanesulfonamide	%	72	N/A	N/A	4617184	79	N/A	N/A	4617184
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable									

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CVW033			
Sampling Date		2016/08/07 10:00			
COC Number		na			
	UNITS	MCGRE03-002-SS-001	RDL	MDL	QC Batch
Inorganics					
Moisture	%	13	1.0	0.50	4617163
Miscellaneous Parameters					
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U <i>u</i>	1.1	0.28	4617184
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U <i>↓</i>	1.1	0.23	4617184
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U	1.1	0.28	4617184
Perfluorobutanoic acid	ug/kg	0.25 U	1.1	0.25	4617184
Perfluorodecane Sulfonate	ug/kg	0.22 U	1.1	0.22	4617184
Perfluorodecanoic Acid (PFDA)	ug/kg	0.31 U	1.1	0.31	4617184
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.26 U <i>↓</i>	1.1	0.26	4617184
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.22 J <i>J</i>	1.1	0.20	4617184
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.21 U <i>u</i>	1.1	0.21	4617184
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.23 U <i>u</i>	1.1	0.23	4617184
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.25 J <i>J</i>	1.1	0.13	4617184
Perfluorononanoic Acid (PFNA)	ug/kg	0.15 U <i>u</i>	1.1	0.15	4617184
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.19 U <i>u</i>	1.1	0.19	4617184
Perfluorooctane Sulfonate (PFOS)	ug/kg	1.0 J <i>J</i>	1.1	0.18	4617184
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.23 U <i>u</i>	1.1	0.23	4617184
Perfluorotetradecanoic Acid	ug/kg	0.24 U <i>↓</i>	1.1	0.24	4617184
Perfluorotridecanoic Acid	ug/kg	0.28 U <i>↓</i>	1.1	0.28	4617184
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.29 U <i>↓</i>	1.1	0.29	4617184
Surrogate Recovery (%)					
13C4-Perfluorooctanesulfonate	%	91	N/A	N/A	4617184
13C4-Perfluorooctanoic acid	%	96	N/A	N/A	4617184
13C8-Perfluorooctanesulfonamide	%	77	N/A	N/A	4617184
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					
N/A = Not Applicable					

Maxxam Job #: B6I8835
Report Date: 2016/09/20

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CZV014			CZV015			
Sampling Date		2016/08/30 09:25			2016/08/30 09:25			
COC Number		295			295			
	UNITS	FTDIX13-005-SD-001	RDL	MDL	FTDIX13-005-SD-901	RDL	MDL	QC Batch
Inorganics								
Moisture	%	21	1.0	0.50	24	1.0	0.50	4652283
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U <i>u</i>	1.1	0.28	0.25 U <i>u</i>	1.0	0.25	4656308
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U <i>↓</i>	1.1	0.23	0.21 U <i>↓</i>	1.0	0.21	4656308
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U <i>↓</i>	1.1	0.28	0.25 U <i>↓</i>	1.0	0.25	4656308
Perfluorobutanoic acid	ug/kg	0.25 U <i>↓</i>	1.1	0.25	0.23 U <i>↓</i>	1.0	0.23	4656308
Perfluorodecane Sulfonate	ug/kg	0.23 J <i>J</i>	1.1	0.22	0.27 J <i>J</i>	1.0	0.20	4656308
Perfluorodecanoic Acid (PFDA)	ug/kg	0.31 U <i>u</i>	1.1	0.31	0.28 U <i>u</i>	1.0	0.28	4656308
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.26 U <i>↓</i>	1.1	0.26	0.24 U <i>↓</i>	1.0	0.24	4656308
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.20 U <i>↓</i>	1.1	0.20	0.18 U <i>↓</i>	1.0	0.18	4656308
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.21 U <i>↓</i>	1.1	0.21	0.19 U <i>↓</i>	1.0	0.19	4656308
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.23 U <i>↓</i>	1.1	0.23	0.21 U <i>↓</i>	1.0	0.21	4656308
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.13 U <i>↓</i>	1.1	0.13	0.12 U <i>↓</i>	1.0	0.12	4656308
Perfluorononanoic Acid (PFNA)	ug/kg	0.15 U <i>↓</i>	1.1	0.15	0.14 U <i>↓</i>	1.0	0.14	4656308
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.19 U <i>↓</i>	1.1	0.19	0.17 U <i>U 7a</i>	1.0	0.17	4656308
Perfluorooctane Sulfonate (PFOS)	ug/kg	1.2	1.1	0.18	1.2	1.0	0.16	4656308
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.23 U <i>u</i>	1.1	0.23	0.21 U <i>u</i>	1.0	0.21	4656308
Perfluorotetradecanoic Acid	ug/kg	0.24 U <i>↓</i>	1.1	0.24	0.22 U <i>↓</i>	1.0	0.22	4656308
Perfluorotridecanoic Acid	ug/kg	0.28 U <i>↓</i>	1.1	0.28	0.25 U <i>↓</i>	1.0	0.25	4656308
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.29 U <i>↓</i>	1.1	0.29	0.26 U <i>↓</i>	1.0	0.26	4656308
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	77	N/A	N/A	81	N/A	N/A	4656308
13C4-Perfluorooctanoic acid	%	82	N/A	N/A	87	N/A	N/A	4656308
13C8-Perfluorooctanesulfonamide	%	70	N/A	N/A	64	N/A	N/A	4656308
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								
N/A = Not Applicable								

Maxxam Job #: B618835
Report Date: 2016/09/20

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CZV017			CZV022			
Sampling Date		2016/08/30 08:55			2016/08/30 14:45			
COC Number		295			295			
	UNITS	FTDIX13-006-SD-001	RDL	MDL	FTDIX14-001-SS-001	RDL	MDL	QC Batch
Inorganics								
Moisture	%	49	1.0	0.50	5.1	1.0	0.50	4652283
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.38 U <i>u</i>	1.5	0.38	0.21 U <i>u</i>	0.84	0.21	4656308
8:2 Fluorotelomer sulfonate	ug/kg	0.32 U <i>u</i>	1.5	0.32	0.18 U <i>u</i>	0.84	0.18	4656308
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.38 U <i>u</i> <i>7a</i>	1.5	0.38	0.21 U <i>u</i>	0.84	0.21	4656308
Perfluorobutanoic acid	ug/kg	0.35 U <i>u</i>	1.5	0.35	0.28 J <i>J</i>	0.84	0.19	4656308
Perfluorodecane Sulfonate	ug/kg	0.30 U <i>u</i> <i>7a</i>	1.5	0.30	0.88	0.84	0.17	4656308
Perfluorodecanoic Acid (PFDA)	ug/kg	0.42 U <i>u</i>	1.5	0.42	0.24 U <i>u</i>	0.84	0.24	4656308
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.36 U <i>u</i>	1.5	0.36	0.22 J <i>J</i>	0.84	0.20	4656308
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.27 U <i>u</i>	1.5	0.27	0.20 J <i>J</i>	0.84	0.15	4656308
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.29 U <i>u</i> <i>7a</i>	1.5	0.29	1.1	0.84	0.16	4656308
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.32 U <i>u</i>	1.5	0.32	0.33 J <i>J</i>	0.84	0.18	4656308
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.18 U <i>u</i>	1.5	0.18	0.22 J <i>J</i>	0.84	0.10	4656308
Perfluorononanoic Acid (PFNA)	ug/kg	0.21 U <i>u</i>	1.5	0.21	0.12 U <i>u</i>	0.84	0.12	4656308
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.26 U <i>u</i> <i>7a</i>	1.5	0.26	0.23 J <i>J</i> <i>7a</i>	0.84	0.14	4656308
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.75 J <i>J</i> <i>7a</i>	1.5	0.24	6.3	0.84	0.13	4656308
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.38 J <i>J</i>	1.5	0.32	0.36 J <i>J</i>	0.84	0.18	4656308
Perfluorotetradecanoic Acid	ug/kg	0.33 U <i>u</i> <i>10a</i>	1.5	0.33	0.18 U <i>u</i>	0.84	0.18	4656308
Perfluorotridecanoic Acid	ug/kg	0.38 U <i>u</i> <i>10a</i>	1.5	0.38	0.21 U <i>u</i>	0.84	0.21	4656308
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.39 U <i>u</i>	1.5	0.39	0.23 J <i>J</i>	0.84	0.22	4656308
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	68	N/A	N/A	83	N/A	N/A	4656308
13C4-Perfluorooctanoic acid	%	74	N/A	N/A	88	N/A	N/A	4656308
13C8-Perfluorooctanesulfonamide	%	63	N/A	N/A	68	N/A	N/A	4656308
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								
N/A = Not Applicable								

Maxxam Job #: B6I8835
Report Date: 2016/09/20

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CZV023			CZV025			
Sampling Date		2016/08/30 15:00			2016/08/30 15:15			
COC Number		295			295			
	UNITS	FTDIX14-003-SS-001	RDL	MDL	FTDIX14-004-SD-001	RDL	MDL	QC Batch
Inorganics								
Moisture	%	0.90 J	1.0	0.50	21	1.0	0.50	4652283
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.22 U <i>u</i>	0.87	0.22	0.24 U <i>u</i>	0.96	0.24	4656308
8:2 Fluorotelomer sulfonate	ug/kg	0.18 U <i>u</i>	0.87	0.18	0.20 U <i>u</i>	0.96	0.20	4656308
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.22 U <i>u</i>	0.87	0.22	0.24 U <i>u</i>	0.96	0.24	4656308
Perfluorobutanoic acid	ug/kg	0.20 U <i>u</i>	0.87	0.20	0.22 U <i>u</i>	0.96	0.22	4656308
Perfluorodecane Sulfonate	ug/kg	0.96	0.87	0.17	0.76 J <i>J</i>	0.96	0.19	4656308
Perfluorodecanoic Acid (PFDA)	ug/kg	0.24 U <i>u</i>	0.87	0.24	0.27 U <i>u</i>	0.96	0.27	4656308
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.21 U <i>u</i>	0.87	0.21	0.23 U <i>u</i>	0.96	0.23	4656308
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.18 J <i>J</i>	0.87	0.16	0.20 J <i>J</i>	0.96	0.17	4656308
Perfluorohexane Sulfonate (PFHxS)	ug/kg	1.2	0.87	0.17	0.70 J <i>J</i>	0.96	0.18	4656308
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.23 J <i>J</i>	0.87	0.18	0.22 J <i>J</i>	0.96	0.20	4656308
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.15 J <i>J</i>	0.87	0.10	0.16 J <i>J</i>	0.96	0.12	4656308
Perfluorononanoic Acid (PFNA)	ug/kg	0.14 J <i>J</i>	0.87	0.12	0.13 U <i>u</i>	0.96	0.13	4656308
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.15 U <i>u</i>	0.87	0.15	0.28 J <i>J 7a</i>	0.96	0.16	4656308
Perfluorooctane Sulfonate (PFOS)	ug/kg	14	0.87	0.14	6.5	0.96	0.15	4656308
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.43 J <i>J</i>	0.87	0.18	0.29 J <i>J</i>	0.96	0.20	4656308
Perfluorotetradecanoic Acid	ug/kg	0.19 U <i>u</i>	0.87	0.19	0.21 U <i>u</i>	0.96	0.21	4656308
Perfluorotridecanoic Acid	ug/kg	0.22 U <i>u</i>	0.87	0.22	0.24 U <i>u</i>	0.96	0.24	4656308
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.23 U <i>u</i>	0.87	0.23	0.25 U <i>u</i>	0.96	0.25	4656308
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	85	N/A	N/A	75	N/A	N/A	4656308
13C4-Perfluorooctanoic acid	%	90	N/A	N/A	80	N/A	N/A	4656308
13C8-Perfluorooctanesulfonamide	%	77	N/A	N/A	67	N/A	N/A	4656308
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable								

Maxxam Job #: B6I8835
Report Date: 2016/09/20

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CZV027			CZV042			
Sampling Date		2016/08/30 17:00			2016/08/30 10:56			
COC Number		295			295			
	UNITS	FTDIX15-003-SD-001	RDL	MDL	FTDIX13-003-SO-011	RDL	MDL	QC Batch
Inorganics								
Moisture	%	68	1.0	0.50	14	1.0	0.50	4652283
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.75 U <i>u</i>	3.0	0.75	0.25 U <i>u</i>	1.0	0.25	4656308
8:2 Fluorotelomer sulfonate	ug/kg	0.63 U <i>u</i>	3.0	0.63	0.21 U <i>u</i>	1.0	0.21	4656308
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.75 U <i>u</i>	3.0	0.75	0.25 U <i>u</i>	1.0	0.25	4656308
Perfluorobutanoic acid	ug/kg	0.69 U <i>u</i>	3.0	0.69	0.23 U <i>u</i>	1.0	0.23	4656308
Perfluorodecane Sulfonate	ug/kg	0.88 J <i>J</i>	3.0	0.60	0.20 U <i>u</i>	1.0	0.20	4656308
Perfluorodecanoic Acid (PFDA)	ug/kg	0.84 U <i>u</i>	3.0	0.84	0.28 U <i>u</i>	1.0	0.28	4656308
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.73 J <i>J</i>	3.0	0.72	0.24 U <i>u</i>	1.0	0.24	4656308
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.54 U <i>u</i>	3.0	0.54	0.18 U <i>u</i>	1.0	0.18	4656308
Perfluorohexane Sulfonate (PFHxS)	ug/kg	1.1 J <i>J</i>	3.0	0.57	0.23 J <i>J</i>	1.0	0.19	4656308
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.63 U <i>u</i>	3.0	0.63	0.21 U <i>u</i>	1.0	0.21	4656308
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.36 U <i>u</i>	3.0	0.36	0.12 U <i>u</i>	1.0	0.12	4656308
Perfluorononanoic Acid (PFNA)	ug/kg	0.42 U <i>u</i>	3.0	0.42	0.14 U <i>u</i>	1.0	0.14	4656308
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.51 U <i>u</i>	3.0	0.51	0.17 J <i>J</i>	1.0	0.17	4656308
Perfluorooctane Sulfonate (PFOS)	ug/kg	2.3 J <i>J</i>	3.0	0.48	0.25 J <i>J</i>	1.0	0.16	4656308
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.66 J <i>J</i>	3.0	0.63	0.21 U <i>u</i>	1.0	0.21	4656308
Perfluorotetradecanoic Acid	ug/kg	0.66 U <i>u</i>	3.0	0.66	0.22 U <i>u</i>	1.0	0.22	4656308
Perfluorotridecanoic Acid	ug/kg	0.75 U <i>u</i>	3.0	0.75	0.25 U <i>u</i>	1.0	0.25	4656308
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.78 U <i>u</i>	3.0	0.78	0.26 U <i>u</i>	1.0	0.26	4656308
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	66	N/A	N/A	83	N/A	N/A	4656308
13C4-Perfluorooctanoic acid	%	73	N/A	N/A	89	N/A	N/A	4656308
13C8-Perfluorooctanesulfonamide	%	60	N/A	N/A	73	N/A	N/A	4656308
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								
N/A = Not Applicable								

Maxxam Job #: B618835
Report Date: 2016/09/20

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CZV043			CZV044			
Sampling Date		2016/08/30 13:37			2016/08/30 15:30			
COC Number		295			295			
	UNITS	FTDIX13-002-SO-010	RDL	MDL	FTDIX13-001-SO-014	RDL	MDL	QC Batch
Inorganics								
Moisture	%	17	1.0	0.50	13	1.0	0.50	4652283
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U	1.1	0.28	0.24 U	0.97	0.24	4656308
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U	1.1	0.23	0.20 U	0.97	0.20	4656308
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U	1.1	0.28	0.24 U	0.97	0.24	4656308
Perfluorobutanoic acid	ug/kg	0.25 U	1.1	0.25	0.22 U	0.97	0.22	4656308
Perfluorodecane Sulfonate	ug/kg	0.22 U	1.1	0.22	0.19 U	0.97	0.19	4656308
Perfluorodecanoic Acid (PFDA)	ug/kg	0.31 U	1.1	0.31	0.27 U	0.97	0.27	4656308
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.26 U	1.1	0.26	0.23 U	0.97	0.23	4656308
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.20 U	1.1	0.20	0.17 U	0.97	0.17	4656308
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.21 U	1.1	0.21	0.19 J	0.97	0.18	4656308
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.23 U	1.1	0.23	0.20 U	0.97	0.20	4656308
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.13 U	1.1	0.13	0.12 U	0.97	0.12	4656308
Perfluorononanoic Acid (PFNA)	ug/kg	0.15 U	1.1	0.15	0.14 U	0.97	0.14	4656308
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.19 U	1.1	0.19	0.16 U	0.97	0.16	4656308
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.52 J	1.1	0.18	0.31 J	0.97	0.16	4656308
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.23 U	1.1	0.23	0.20 U	0.97	0.20	4656308
Perfluorotetradecanoic Acid	ug/kg	0.24 U	1.1	0.24	0.21 U	0.97	0.21	4656308
Perfluorotridecanoic Acid	ug/kg	0.28 U	1.1	0.28	0.24 U	0.97	0.24	4656308
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.29 U	1.1	0.29	0.25 U	0.97	0.25	4656308
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	82	N/A	N/A	77	N/A	N/A	4656308
13C4-Perfluorooctanoic acid	%	86	N/A	N/A	85	N/A	N/A	4656308
13C8-Perfluorooctanesulfonamide	%	67	N/A	N/A	75	N/A	N/A	4656308
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable								

Maxxam Job #: B618835
Report Date: 2016/09/20

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		CZV045			
Sampling Date		2016/08/31 09:27			
COC Number		295			
	UNITS	FTDIX13-004-SO-013	RDL	MDL	QC Batch
Inorganics					
Moisture	%	9.6	1.0	0.50	4652283
Miscellaneous Parameters					
6:2 Fluorotelomer sulfonate	ug/kg	0.22 U <i>u</i>	0.86	0.22	4656308
8:2 Fluorotelomer sulfonate	ug/kg	0.18 U	0.86	0.18	4656308
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.22 U	0.86	0.22	4656308
Perfluorobutanoic acid	ug/kg	0.20 U	0.86	0.20	4656308
Perfluorodecane Sulfonate	ug/kg	0.17 U	0.86	0.17	4656308
Perfluorodecanoic Acid (PFDA)	ug/kg	0.24 U	0.86	0.24	4656308
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.21 U	0.86	0.21	4656308
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.15 U	0.86	0.15	4656308
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.89	0.86	0.16	4656308
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.18 U <i>u</i>	0.86	0.18	4656308
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.10 U	0.86	0.10	4656308
Perfluorononanoic Acid (PFNA)	ug/kg	0.12 U	0.86	0.12	4656308
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.15 U	0.86	0.15	4656308
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.14 U	0.86	0.14	4656308
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.18 U	0.86	0.18	4656308
Perfluorotetradecanoic Acid	ug/kg	0.19 U	0.86	0.19	4656308
Perfluorotridecanoic Acid	ug/kg	0.22 U	0.86	0.22	4656308
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.22 U <i>u</i>	0.86	0.22	4656308
Surrogate Recovery (%)					
13C4-Perfluorooctanesulfonate	%	93	N/A	N/A	4656308
13C4-Perfluorooctanoic acid	%	98	N/A	N/A	4656308
13C8-Perfluorooctanesulfonamide	%	74	N/A	N/A	4656308
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					
N/A = Not Applicable					

Maxxam Job #: B6J3721
Report Date: 2016/09/26

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		DAU528			DAU529			
Sampling Date		2016/09/06 08:50			2016/09/06 08:55			
COC Number		326			326			
	UNITS	LKHRT21-002-SS-001	RDL	MDL	LKHRT21-002-SO-002	RDL	MDL	QC Batch
Inorganics								
Moisture	%	1.2	1.0	0.50	17	1.0	0.50	4658666
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.43 J J	0.90	0.23	0.25 U u	1.0	0.25	4661418
8:2 Fluorotelomer sulfonate	ug/kg	0.19 U u	0.90	0.19	0.21 U	1.0	0.21	4661418
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.23 J J	0.90	0.23	0.25 U	1.0	0.25	4661418
Perfluorobutanoic acid	ug/kg	0.21 U u	0.90	0.21	0.23 U	1.0	0.23	4661418
Perfluorodecane Sulfonate	ug/kg	1.5	0.90	0.18	0.20 U	1.0	0.20	4661418
Perfluorodecanoic Acid (PFDA)	ug/kg	0.25 U u	0.90	0.25	0.28 U	1.0	0.28	4661418
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.22 U u	0.90	0.22	0.24 U	1.0	0.24	4661418
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.16 U u	0.90	0.16	0.18 U	1.0	0.18	4661418
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.66 J J	0.90	0.17	0.47 J J	1.0	0.19	4661418
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.23 J	0.90	0.19	0.29 J J	1.0	0.21	4661418
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.29 J	0.90	0.11	0.12 U u	1.0	0.12	4661418
Perfluorononanoic Acid (PFNA)	ug/kg	0.16 J	0.90	0.13	0.14 J J	1.0	0.14	4661418
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.16 J	0.90	0.15	0.17 U u	1.0	0.17	4661418
Perfluorooctane Sulfonate (PFOS)	ug/kg	3.2	0.90	0.14	3.1	1.0	0.16	4661418
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.27 J J	0.90	0.19	0.24 J J	1.0	0.21	4661418
Perfluorotetradecanoic Acid	ug/kg	0.20 U u	0.90	0.20	0.22 U u	1.0	0.22	4661418
Perfluorotridecanoic Acid	ug/kg	0.23 U u	0.90	0.23	0.25 U	1.0	0.25	4661418
Perfluoroundecanoic Acid (PFUnA)	ug/kg	1.2	0.90	0.23	0.26 U	1.0	0.26	4661418
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	105 Q	N/A	N/A	100 Q	N/A	N/A	4661418
13C4-Perfluorooctanoic acid	%	97 Q	N/A	N/A	103 Q	N/A	N/A	4661418
13C8-Perfluorooctanesulfonamide	%	91	N/A	N/A	99	N/A	N/A	4661418
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								
N/A = Not Applicable								

Maxxam Job #: B6J3721
Report Date: 2016/09/26

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		DAU530			DAU531			
Sampling Date		2016/09/06 09:53			2016/09/06 09:57			
COC Number		326			326			
	UNITS	LKHRT21-001-SS-001	RDL	MDL	LKHRT21-001-SO-002	RDL	MDL	QC Batch
Inorganics								
Moisture	%	2.3	1.0	0.50	15	1.0	0.50	4658666
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.38 J J	0.94	0.24	0.73 J J	0.98	0.25	4661418
8:2 Fluorotelomer sulfonate	ug/kg	0.45 J J	0.94	0.20	40	0.98	0.21	4661418
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.24 U u	0.94	0.24	0.25 U u	0.98	0.25	4661418
Perfluorobutanoic acid	ug/kg	0.34 J J	0.94	0.22	0.23 U ↓	0.98	0.23	4661418
Perfluorodecane Sulfonate	ug/kg	0.19 U u	0.94	0.19	0.20 U ↓	0.98	0.20	4661418
Perfluorodecanoic Acid (PFDA)	ug/kg	0.26 U ↓	0.94	0.26	0.30 J J	0.98	0.27	4661418
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.23 U ↓	0.94	0.23	0.24 U u	0.98	0.24	4661418
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.29 J J	0.94	0.17	0.27 J J	0.98	0.18	4661418
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.52 J ↓	0.94	0.18	0.42 J ↓	0.98	0.19	4661418
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.32 J ↓	0.94	0.20	0.29 J ↓	0.98	0.21	4661418
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.28 J ↓	0.94	0.11	0.65 J ↓	0.98	0.12	4661418
Perfluorononanoic Acid (PFNA)	ug/kg	0.37 J ↓	0.94	0.13	1.2	0.98	0.14	4661418
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.16 U u	0.94	0.16	0.17 U u	0.98	0.17	4661418
Perfluorooctane Sulfonate (PFOS)	ug/kg	2.6	0.94	0.15	22	0.98	0.16	4661418
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.55 J J	0.94	0.20	0.41 J J	0.98	0.21	4661418
Perfluorotetradecanoic Acid	ug/kg	0.21 U u	0.94	0.21	0.22 U u	0.98	0.22	4661418
Perfluorotridecanoic Acid	ug/kg	0.24 U ↓	0.94	0.24	0.25 U ↓	0.98	0.25	4661418
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.24 U ↓	0.94	0.24	0.25 U ↓	0.98	0.25	4661418
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	102 Q	N/A	N/A	78 Q	N/A	N/A	4661418
13C4-Perfluorooctanoic acid	%	107 Q	N/A	N/A	83 Q	N/A	N/A	4661418
13C8-Perfluorooctanesulfonamide	%	96	N/A	N/A	73	N/A	N/A	4661418
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable								

Maxxam Job #: B6J3721
Report Date: 2016/09/26

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

RESULTS OF ANALYSES OF WATER

Maxxam ID		DAU532				DAU533			
Sampling Date		2016/09/07 12:15				2016/09/07 08:35			
COC Number		326				326			
	UNITS	LKHRT21-001-GW-010	RDL	MDL	QC Batch	MCGRE-RS-08A	RDL	MDL	QC Batch
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ng/L	11000 (1)	800	210	4667152	0.87 U	4.0	0.87	4669811
8:2 Fluorotelomer sulfonate	ng/L	11000 (1)	800	280	4667152	0.99 U	4.0	0.99	4669811
Perfluorobutane Sulfonate (PFBS)	ng/L	120 (2)	100	14	4669811	0.27 U	2.0	0.27	4669811
Perfluorobutanoic acid	ng/L	540 (2)	100	21	4669811	0.41 U	2.0	0.41	4669811
Perfluorodecane Sulfonate	ng/L	19 U (2) <i>u</i>	100	19	4669811	0.38 U	2.0	0.38	4669811
Perfluorodecanoic Acid (PFDA)	ng/L	65 J (2) <i>J</i>	100	12	4669811	0.24 U	2.0	0.24	4669811
Perfluorododecanoic Acid (PFDoA)	ng/L	32 U (2) <i>u</i>	100	32	4669811	0.63 U	2.0	0.63	4669811
Perfluoroheptanoic Acid (PFHpA)	ng/L	2000 (1)	800	270	4667152	0.39 U	2.0	0.39	4669811
Perfluorohexane Sulfonate (PFHxS)	ng/L	3800 (1)	800	160	4667152	0.40 U	2.0	0.40	4669811
Perfluorohexanoic Acid (PFHxA)	ng/L	2100 (1)	800	170	4667152	0.42 U	2.0	0.42	4669811
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	1500 (1)	800	200	4667152	0.39 U	2.0	0.39	4669811
Perfluorononanoic Acid (PFNA)	ng/L	140 (2)	100	17	4669811	0.33 U	2.0	0.33	4669811
Perfluorooctane Sulfonamide (PFOSA)	ng/L	30 U (2) <i>u</i>	200	30	4669811	1.3 J	4.0	0.59	4669811
Perfluorooctane Sulfonate (PFOS)	ng/L	16000 (1)	800	140	4667152	0.30 U	2.0	0.30	4669811
Perfluoropentanoic Acid (PFPeA)	ng/L	2100 (1)	800	210	4667152	0.46 U	2.0	0.46	4669811
Perfluorotetradecanoic Acid	ng/L	31 U (2) <i>u</i>	100	31	4669811	0.61 U	2.0	0.61	4669811
Perfluorotridecanoic Acid	ng/L	30 U (2) <i>u</i>	100	30	4669811	0.60 U	2.0	0.60	4669811
Perfluoroundecanoic Acid (PFUnA)	ng/L	25 U (2) <i>u</i>	100	25	4669811	0.50 U	2.0	0.50	4669811
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	95	N/A	N/A	4667152	87	N/A	N/A	4669811
13C4-Perfluorooctanoic acid	%	95	N/A	N/A	4667152	95	N/A	N/A	4669811
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 50x dilution. Detection limit was adjusted accordingly.									

Maxxam Job #: B6J3721
Report Date: 2016/09/26

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

RESULTS OF ANALYSES OF WATER

Maxxam ID		DAU534			
Sampling Date		2016/09/07 09:12			
COC Number		326			
	UNITS	MCGRE11-08-MW-102 -GW-020	RDL	MDL	QC Batch
Miscellaneous Parameters					
6:2 Fluorotelomer sulfonate	ng/L	5.4 J (1) JB6c	20	4.4	4669811
8:2 Fluorotelomer sulfonate	ng/L	5.0 U (1) u	20	5.0	4669811
Perfluorobutane Sulfonate (PFBS)	ng/L	900 (2)	800	230	4667152
Perfluorobutanoic acid	ng/L	130 (1)	10	2.1	4669811
Perfluorodecane Sulfonate	ng/L	2.1 J (1) J	10	1.9	4669811
Perfluorodecanoic Acid (PFDA)	ng/L	1.8 J (1) J	10	1.2	4669811
Perfluorododecanoic Acid (PFDoA)	ng/L	3.2 U (1) u	10	3.2	4669811
Perfluoroheptanoic Acid (PFHpA)	ng/L	120 (1)	10	2.0	4669811
Perfluorohexane Sulfonate (PFHxS)	ng/L	5900 (2)	800	160	4667152
Perfluorohexanoic Acid (PFHxA)	ng/L	1000 (2)	800	170	4667152
Perfluoro-n-Octanoic Acid (PFOA)	ng/L	280 (1)	10	2.0	4669811
Perfluorononanoic Acid (PFNA)	ng/L	14 (1)	10	1.7	4669811
Perfluorooctane Sulfonamide (PFOSA)	ng/L	3.6 J (1) JB6c	20	3.0	4669811
Perfluorooctane Sulfonate (PFOS)	ng/L	2300 (2)	800	140	4667152
Perfluoropentanoic Acid (PFPeA)	ng/L	150 (1)	10	2.3	4669811
Perfluorotetradecanoic Acid	ng/L	3.1 U (1) u	10	3.1	4669811
Perfluorotridecanoic Acid	ng/L	3.0 U (1) ↓	10	3.0	4669811
Perfluoroundecanoic Acid (PFUnA)	ng/L	2.5 U (1) ↓	10	2.5	4669811
Surrogate Recovery (%)					
13C4-Perfluorooctanesulfonate	%	108	N/A	N/A	4667152
13C4-Perfluorooctanoic acid	%	91	N/A	N/A	4669811
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable (1) Due to high concentrations of the target analytes, sample required 5x 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.					

Maxxam Job #: B6J1253
Report Date: 2016/09/23

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		DAI383			DAI388			
Sampling Date		2016/09/02 07:10			2016/09/02 10:45			
COC Number		n/a			n/a			
	UNITS	MCGRE09-004-SD-001	RDL	MDL	LKHRT20-010-SD-001	RDL	MDL	QC Batch
Inorganics								
Moisture	%	20	1.0	0.50	70	1.0	0.50	4655645
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.25 U	0.98	0.25	0.65 U	2.6	0.65	4662145
8:2 Fluorotelomer sulfonate	ug/kg	0.21 U	0.98	0.21	0.55 U	2.6	0.55	4662145
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.25 U	0.98	0.25	0.65 U	2.6	0.65	4662145
Perfluorobutanoic acid	ug/kg	0.23 U	0.98	0.23	0.60 U	2.6	0.60	4662145
Perfluorodecane Sulfonate	ug/kg	0.20 U	0.98	0.20	0.52 U	2.6	0.52	4662145
Perfluorodecanoic Acid (PFDA)	ug/kg	0.27 U	0.98	0.27	0.73 U	2.6	0.73	4662145
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.24 U	0.98	0.24	0.73 J	2.6	0.62	4662145
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.18 U	0.98	0.18	0.47 U	2.6	0.47	4662145
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.25 J	0.98	0.19	1.8 J	2.6	0.49	4662145
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.21 U	0.98	0.21	0.65 J	2.6	0.55	4662145
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.14 J	0.98	0.12	1.1 J	2.6	0.31	4662145
Perfluorononanoic Acid (PFNA)	ug/kg	0.14 U	0.98	0.14	0.47 J	2.6	0.36	4662145
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.17 U	0.98	0.17	0.44 U	2.6	0.44	4662145
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.16 U	0.98	0.16	8.7	2.6	0.42	4662145
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.21 U	0.98	0.21	1.1 J	2.6	0.55	4662145
Perfluorotetradecanoic Acid	ug/kg	0.22 U	0.98	0.22	1.2 J	2.6	0.57	4662145
Perfluorotridecanoic Acid	ug/kg	0.25 U	0.98	0.25	1.8 J	2.6	0.65	4662145
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.25 U	0.98	0.25	1.8 J	2.6	0.68	4662145
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	78	N/A	N/A	60	N/A	N/A	4662145
13C4-Perfluorooctanoic acid	%	82	N/A	N/A	66	N/A	N/A	4662145
13C8-Perfluorooctanesulfonamide	%	68	N/A	N/A	41 Q (1)	N/A	N/A	4662145
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable (1) Surrogate recovery was below the defined lower control limit (LCL). Laboratory spiked soil 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.								

Maxxam Job #: B6J1253
Report Date: 2016/09/23

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		DAI397			DAI400			
Sampling Date		2016/09/03 08:45			2016/09/03 09:30			
COC Number		n/a			n/a			
	UNITS	FTDIX14-005-SD-001	RDL	MDL	FTDIX14-002-SD-001	RDL	MDL	QC Batch
Inorganics								
Moisture	%	24	1.0	0.50	16	1.0	0.50	4655645
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.28 U <i>u</i>	1.1	0.28	0.25 U <i>u</i>	1.0	0.25	4662145
8:2 Fluorotelomer sulfonate	ug/kg	0.23 U <i>u</i>	1.1	0.23	0.21 U <i>u</i>	1.0	0.21	4662145
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.28 U <i>u</i>	1.1	0.28	0.25 U <i>u</i>	1.0	0.25	4662145
Perfluorobutanoic acid	ug/kg	0.25 U <i>u</i>	1.1	0.25	0.23 U <i>u</i>	1.0	0.23	4662145
Perfluorodecane Sulfonate	ug/kg	0.24 J <i>u</i>	1.1	0.22	0.20 U <i>u</i>	1.0	0.20	4662145
Perfluorodecanoic Acid (PFDA)	ug/kg	0.31 U <i>u</i>	1.1	0.31	0.28 U <i>u</i>	1.0	0.28	4662145
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.26 U <i>u</i>	1.1	0.26	0.24 U <i>u</i>	1.0	0.24	4662145
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.20 U <i>u</i>	1.1	0.20	0.20 J <i>u</i>	1.0	0.18	4662145
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.35 J <i>u</i>	1.1	0.21	0.36 J <i>u</i>	1.0	0.19	4662145
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.23 U <i>u</i>	1.1	0.23	0.25 J <i>u</i>	1.0	0.21	4662145
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.18 J <i>u</i>	1.1	0.13	0.68 J <i>u</i>	1.0	0.12	4662145
Perfluorononanoic Acid (PFNA)	ug/kg	0.15 U <i>u</i>	1.1	0.15	0.14 U <i>u</i>	1.0	0.14	4662145
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.52 J <i>u</i>	1.1	0.19	0.26 J <i>u</i>	1.0	0.17	4662145
Perfluorooctane Sulfonate (PFOS)	ug/kg	2.2	1.1	0.18	2.1	1.0	0.16	4662145
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.23 U <i>u</i>	1.1	0.23	0.32 J <i>u</i>	1.0	0.21	4662145
Perfluorotetradecanoic Acid	ug/kg	0.24 U <i>u</i>	1.1	0.24	0.22 U <i>u</i>	1.0	0.22	4662145
Perfluorotridecanoic Acid	ug/kg	0.28 U <i>u</i>	1.1	0.28	0.25 U <i>u</i>	1.0	0.25	4662145
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.29 U <i>u</i>	1.1	0.29	0.26 U <i>u</i>	1.0	0.26	4662145
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	80	N/A	N/A	85	N/A	N/A	4662145
13C4-Perfluorooctanoic acid	%	81	N/A	N/A	83	N/A	N/A	4662145
13C8-Perfluorooctanesulfonamide	%	72	N/A	N/A	76	N/A	N/A	4662145
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable								

Maxxam Job #: B61253
Report Date: 2016/09/23

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		DAI405			DAI413			
Sampling Date		2016/09/03 15:50			2016/09/04 14:45			
COC Number		n/a			n/a			
	UNITS	LKHRT21-005-SD-001	RDL	MDL	LKHRT20-008-SO-005	RDL	MDL	QC Batch
Inorganics								
Moisture	%	75	1.0	0.50	3.1	1.0	0.50	4655645
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	1.4 J J	3.1	0.78	0.21 U u	0.84	0.21	4662145
8:2 Fluorotelomer sulfonate	ug/kg	8.7	3.1	0.65	0.18 U	0.84	0.18	4662145
Perfluorobutane Sulfonate (PFBS)	ug/kg	1.2 J J	3.1	0.78	0.21 U	0.84	0.21	4662145
Perfluorobutanoic acid	ug/kg	2.4 J J	3.1	0.71	0.19 U	0.84	0.19	4662145
Perfluorodecane Sulfonate	ug/kg	5.9	3.1	0.62	0.17 U	0.84	0.17	4662145
Perfluorodecanoic Acid (PFDA)	ug/kg	1.3 J J	3.1	0.87	0.24 U	0.84	0.24	4662145
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.75 J J	3.1	0.74	0.20 U	0.84	0.20	4662145
Perfluoroheptanoic Acid (PFHpA)	ug/kg	2.8 J J	3.1	0.56	0.15 U	0.84	0.15	4662145
Perfluorohexane Sulfonate (PFHxS)	ug/kg	21	3.1	0.59	0.34 J J	0.84	0.16	4662145
Perfluorohexanoic Acid (PFHxA)	ug/kg	3.8	3.1	0.65	0.18 U u	0.84	0.18	4662145
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	15	3.1	0.37	0.17 J J	0.84	0.10	4662145
Perfluorononanoic Acid (PFNA)	ug/kg	4.8	3.1	0.43	0.12 U u	0.84	0.12	4662145
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	17 J 7a	3.1	0.53	0.14 U	0.84	0.14	4662145
Perfluorooctane Sulfonate (PFOS)	ug/kg	240 (1)	31	5.0	0.13 U	0.84	0.13	4662145
Perfluoropentanoic Acid (PFPeA)	ug/kg	5.9	3.1	0.65	0.18 U	0.84	0.18	4662145
Perfluorotetradecanoic Acid	ug/kg	0.95 J J 10a	3.1	0.68	0.18 U	0.84	0.18	4662145
Perfluorotridecanoic Acid	ug/kg	1.2 J J 10a	3.1	0.78	0.21 U	0.84	0.21	4662145
Perfluoroundecanoic Acid (PFUnA)	ug/kg	1.2 J J	3.1	0.81	0.22 U	0.84	0.22	4662145
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	71	N/A	N/A	89	N/A	N/A	4662145
13C4-Perfluorooctanoic acid	%	74	N/A	N/A	91	N/A	N/A	4662145
13C8-Perfluorooctanesulfonamide	%	53	N/A	N/A	75	N/A	N/A	4662145
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable (1) Due to high concentration of the target analyte, sample required a 10x dilution. Detection limit was adjusted accordingly.								

Maxxam Job #: B6J1253
Report Date: 2016/09/23

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		DAI415			DAI420			
Sampling Date		2016/09/04 16:30			2016/09/04 08:20			
COC Number		n/a			n/a			
	UNITS	LKHRT20-006-SO-003	RDL	MDL	LKHRT20-004-SO-005	RDL	MDL	QC Batch
Inorganics								
Moisture	%	4.5	1.0	0.50	6.2	1.0	0.50	4655645
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.25 U	u	1.0	0.25	0.22 U	u	0.87 0.22 4662145
8:2 Fluorotelomer sulfonate	ug/kg	0.21 U	↓	1.0	0.21	0.18 U	↓	0.87 0.18 4662145
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.25 U	↓	1.0	0.25	0.22 U	↓	0.87 0.22 4662145
Perfluorobutanoic acid	ug/kg	0.23 U	↓	1.0	0.23	0.20 U	↓	0.87 0.20 4662145
Perfluorodecane Sulfonate	ug/kg	0.45 J	J	1.0	0.20	0.17 U	↓	0.87 0.17 4662145
Perfluorodecanoic Acid (PFDA)	ug/kg	0.28 U	u	1.0	0.28	0.24 U	↓	0.87 0.24 4662145
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.24 U	↓	1.0	0.24	0.21 U	↓	0.87 0.21 4662145
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.18 U	↓	1.0	0.18	0.16 U	↓	0.87 0.16 4662145
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.47 J	J	1.0	0.19	0.17 U	↓	0.87 0.17 4662145
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.28 J	J	1.0	0.21	0.18 U	↓	0.87 0.18 4662145
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.19 J	J	1.0	0.12	0.10 U	↓	0.87 0.10 4662145
Perfluorononanoic Acid (PFNA)	ug/kg	0.14 U	u	1.0	0.14	0.12 U	↓	0.87 0.12 4662145
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.17 U	u	1.0	0.17	0.15 U	↓	0.87 0.15 4662145
Perfluorooctane Sulfonate (PFOS)	ug/kg	1.4		1.0	0.16	0.14 U	↓	0.87 0.14 4662145
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.21 U	u	1.0	0.21	0.18 U	↓	0.87 0.18 4662145
Perfluorotetradecanoic Acid	ug/kg	0.22 U	↓	1.0	0.22	0.19 U	↓	0.87 0.19 4662145
Perfluorotridecanoic Acid	ug/kg	0.25 U	↓	1.0	0.25	0.22 U	↓	0.87 0.22 4662145
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.35 J	J	1.0	0.26	0.23 U	↓	0.87 0.23 4662145
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	91	N/A	N/A	88	N/A	N/A	4662145
13C4-Perfluorooctanoic acid	%	89	N/A	N/A	95	N/A	N/A	4662145
13C8-Perfluorooctanesulfonamide	%	80	N/A	N/A	85	N/A	N/A	4662145
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable								

Maxxam Job #: B61253
Report Date: 2016/09/23

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		DAI421			DAI422			
Sampling Date		2016/09/04 09:25			2016/09/04 11:17			
COC Number		n/a			n/a			
	UNITS	LKHRT20-005-SO-005	RDL	MDL	LKHRT20-002-SO-003	RDL	MDL	QC Batch
Inorganics								
Moisture	%	6.8	1.0	0.50	12	1.0	0.50	4655645
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.22 U <i>u</i>	0.88	0.22	0.28 U <i>u</i>	1.1	0.28	4662145
8:2 Fluorotelomer sulfonate	ug/kg	0.18 U <i>J</i>	0.88	0.18	0.23 U <i>J</i>	1.1	0.23	4662145
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.22 U <i>J</i>	0.88	0.22	0.28 U <i>J</i>	1.1	0.28	4662145
Perfluorobutanoic acid	ug/kg	0.20 U <i>J</i>	0.88	0.20	1.0 J <i>J</i>	1.1	0.25	4662145
Perfluorodecane Sulfonate	ug/kg	0.18 U <i>u</i>	0.88	0.18	0.22 U <i>u</i>	1.1	0.22	4662145
Perfluorodecanoic Acid (PFDA)	ug/kg	0.25 U <i>u</i>	0.88	0.25	0.31 U <i>u</i>	1.1	0.31	4662145
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.21 U <i>J</i>	0.88	0.21	0.26 U <i>u</i>	1.1	0.26	4662145
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.18 J <i>J</i>	0.88	0.16	0.88 J <i>J</i>	1.1	0.20	4662145
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.17 U <i>u</i>	0.88	0.17	1.5	1.1	0.21	4662145
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.18 U <i>u</i>	0.88	0.18	1.5	1.1	0.23	4662145
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.33 J <i>J</i>	0.88	0.11	1.3	1.1	0.13	4662145
Perfluorononanoic Acid (PFNA)	ug/kg	0.12 U <i>u</i>	0.88	0.12	1.0 J <i>J</i>	1.1	0.15	4662145
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.15 U <i>u</i>	0.88	0.15	0.19 U <i>u</i>	1.1	0.19	4662145
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.80 J <i>J</i>	0.88	0.14	44	1.1	0.18	4662145
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.18 U <i>u</i>	0.88	0.18	1.9	1.1	0.23	4662145
Perfluorotetradecanoic Acid	ug/kg	0.19 U <i>J</i>	0.88	0.19	0.25 J <i>J</i>	1.1	0.24	4662145
Perfluorotridecanoic Acid	ug/kg	0.22 U <i>J</i>	0.88	0.22	0.28 U <i>u</i>	1.1	0.28	4662145
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.23 U <i>J</i>	0.88	0.23	0.29 U <i>u</i>	1.1	0.29	4662145
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	88	N/A	N/A	77	N/A	N/A	4662145
13C4-Perfluorooctanoic acid	%	89	N/A	N/A	84	N/A	N/A	4662145
13C8-Perfluorooctanesulfonamide	%	77	N/A	N/A	71	N/A	N/A	4662145
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable								

Maxxam Job #: B611253
Report Date: 2016/09/23

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		DAI423			DAI424			
Sampling Date		2016/09/04 10:28			2016/09/04 12:50			
COC Number		n/a			n/a			
	UNITS	LKHRT20-001-SO-002	RDL	MDL	LKHRT20-003-SO-005	RDL	MDL	QC Batch
Inorganics								
Moisture	%	8.0	1.0	0.50	7.4	1.0	0.50	4655645
Miscellaneous Parameters								
6:2 Fluorotelomer sulfonate	ug/kg	0.23 U <i>u</i>	0.93	0.23	0.22 U <i>u</i>	0.87	0.22	4662145
8:2 Fluorotelomer sulfonate	ug/kg	0.20 U	0.93	0.20	0.18 U	0.87	0.18	4662145
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.23 U	0.93	0.23	0.22 U	0.87	0.22	4662145
Perfluorobutanoic acid	ug/kg	0.21 U	0.93	0.21	0.20 U	0.87	0.20	4662145
Perfluorodecane Sulfonate	ug/kg	0.19 U	0.93	0.19	0.17 U	0.87	0.17	4662145
Perfluorodecanoic Acid (PFDA)	ug/kg	0.26 U	0.93	0.26	0.24 U	0.87	0.24	4662145
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.22 U	0.93	0.22	0.21 U	0.87	0.21	4662145
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.17 U	0.93	0.17	0.16 U	0.87	0.16	4662145
Perfluorohexane Sulfonate (PFHxS)	ug/kg	0.18 U	0.93	0.18	0.36 J <i>J</i>	0.87	0.17	4662145
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.20 U	0.93	0.20	0.18 U <i>u</i>	0.87	0.18	4662145
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.12 J <i>J</i>	0.93	0.11	0.21 J <i>J</i>	0.87	0.10	4662145
Perfluorononanoic Acid (PFNA)	ug/kg	0.13 U <i>u</i>	0.93	0.13	0.12 U <i>u</i>	0.87	0.12	4662145
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.16 U <i>u</i>	0.93	0.16	0.15 U <i>US 7a</i>	0.87	0.15	4662145
Perfluorooctane Sulfonate (PFOS)	ug/kg	1.2	0.93	0.15	1.6	0.87	0.14	4662145
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.20 U <i>u</i>	0.93	0.20	0.18 U <i>u</i>	0.87	0.18	4662145
Perfluorotetradecanoic Acid	ug/kg	0.20 U	0.93	0.20	0.19 U	0.87	0.19	4662145
Perfluorotridecanoic Acid	ug/kg	0.23 U	0.93	0.23	0.22 U	0.87	0.22	4662145
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.24 U	0.93	0.24	0.23 U	0.87	0.23	4662145
Surrogate Recovery (%)								
13C4-Perfluorooctanesulfonate	%	86	N/A	N/A	81	N/A	N/A	4662145
13C4-Perfluorooctanoic acid	%	91	N/A	N/A	82	N/A	N/A	4662145
13C8-Perfluorooctanesulfonamide	%	83	N/A	N/A	68	N/A	N/A	4662145
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								
N/A = Not Applicable								

Maxxam Job #: B6J1253
Report Date: 2016/09/23

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

RESULTS OF ANALYSES OF SOIL

Maxxam ID		DAI425				DAI426			
Sampling Date		2016/09/04 15:33				2016/09/04 15:33			
COC Number		n/a				n/a			
	UNITS	LKHRT20-007-SO-003	RDL	MDL	QC Batch	LKHRT20-007-SO-903	RDL	MDL	QC Batch
Inorganics									
Moisture	%	3.9	1.0	0.50	4655645	4.6	1.0	0.50	4655645
Miscellaneous Parameters									
6:2 Fluorotelomer sulfonate	ug/kg	0.21 U <i>u</i>	0.83	0.21	4662146	0.23 U <i>u</i>	0.91	0.23	4662145
8:2 Fluorotelomer sulfonate	ug/kg	0.17 U <i>↓</i>	0.83	0.17	4662146	0.19 U <i>↓</i>	0.91	0.19	4662145
Perfluorobutane Sulfonate (PFBS)	ug/kg	0.21 U <i>↓</i>	0.83	0.21	4662146	0.23 U <i>↓</i>	0.91	0.23	4662145
Perfluorobutanoic acid	ug/kg	0.19 U <i>↓</i>	0.83	0.19	4662146	0.21 U <i>↓</i>	0.91	0.21	4662145
Perfluorodecane Sulfonate	ug/kg	0.17 U <i>↓</i>	0.83	0.17	4662146	0.18 U <i>↓</i>	0.91	0.18	4662145
Perfluorodecanoic Acid (PFDA)	ug/kg	0.23 U <i>↓</i>	0.83	0.23	4662146	0.25 U <i>↓</i>	0.91	0.25	4662145
Perfluorododecanoic Acid (PFDoA)	ug/kg	0.20 U <i>↓</i>	0.83	0.20	4662146	0.22 U <i>↓</i>	0.91	0.22	4662145
Perfluoroheptanoic Acid (PFHpA)	ug/kg	0.23 J <i>J</i>	0.83	0.15	4662146	0.29 J <i>J</i>	0.91	0.16	4662145
Perfluorohexane Sulfonate (PFHxS)	ug/kg	1.3 <i>↓</i>	0.83	0.16	4662146	1.5 <i>↓</i>	0.91	0.17	4662145
Perfluorohexanoic Acid (PFHxA)	ug/kg	0.34 J <i>J</i>	0.83	0.17	4662146	0.40 J <i>J</i>	0.91	0.19	4662145
Perfluoro-n-Octanoic Acid (PFOA)	ug/kg	0.30 J <i>J</i>	0.83	0.10	4662146	0.30 J <i>J</i>	0.91	0.11	4662145
Perfluorononanoic Acid (PFNA)	ug/kg	0.12 U <i>u</i>	0.83	0.12	4662146	0.13 U <i>u</i>	0.91	0.13	4662145
Perfluorooctane Sulfonamide (PFOSA)	ug/kg	0.14 U <i>u</i>	0.83	0.14	4662146	0.15 U <i>↓</i>	0.91	0.15	4662145
Perfluorooctane Sulfonate (PFOS)	ug/kg	0.21 J <i>J</i>	0.83	0.13	4662146	0.15 U <i>↓</i>	0.91	0.15	4662145
Perfluoropentanoic Acid (PFPeA)	ug/kg	0.26 J <i>J</i>	0.83	0.17	4662146	0.30 J <i>J</i>	0.91	0.19	4662145
Perfluorotetradecanoic Acid	ug/kg	0.18 U <i>u</i>	0.83	0.18	4662146	0.20 U <i>u</i>	0.91	0.20	4662145
Perfluorotridecanoic Acid	ug/kg	0.21 U <i>↓</i>	0.83	0.21	4662146	0.23 U <i>↓</i>	0.91	0.23	4662145
Perfluoroundecanoic Acid (PFUnA)	ug/kg	0.22 U <i>↓</i>	0.83	0.22	4662146	0.24 U <i>↓</i>	0.91	0.24	4662145
Surrogate Recovery (%)									
13C4-Perfluorooctanesulfonate	%	93	N/A	N/A	4662146	78	N/A	N/A	4662145
13C4-Perfluorooctanoic acid	%	91	N/A	N/A	4662146	81	N/A	N/A	4662145
13C8-Perfluorooctanesulfonamide	%	80	N/A	N/A	4662146	73	N/A	N/A	4662145
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable									