From:	Brantley, Toryus
To:	McAteer, Mike; Bernier, Roberto; Smalley, Bryant; R6HarveyENVL@epa.gov; rauscher.jon@epa.gov; turner.philip@epa.gov; Guadalupe Quiroz; Latham (Polinko), Janine; Graves, Suddha; Mittmann, Kathleen
Cc:	Crow, David
Subject:	Air Monitoring Table
Date:	Sunday, September 3, 2017 1:28:12 PM
Attachments:	image001.gif Copy of HazMat Air Monitoring.xlsx
Importance:	High

Good afternoon,

Please see updated air monitoring table for surveys completed thus far. I have crews out on a continuous basis monitoring so I'm updating as we go. If you have any questions or concerns, please give me a call.

Respectfully,

Toryus K. Brantley
Weston Solutions, Inc.
5599 San Felipe, Suite 700
Houston, Texas 77056
(713) 985-6679 Direct
(713) 985-6703 Fax
(803) 361-0593 Cell
Toryus.Brantley@WestonSolutions.com

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Time		Latitude	Longitude	LEL	O2	SO2	H2S
1143	CR 4876	29.95194	-94.98155	0	20.9	0	0
1148	CR 4865	29.94313	-94.9596	0	20.9	0	0
1155	CR 4874	29.94849	-94.9777	0	20.9	0	0
1157	CR 486	29.91407	-94.94888	0	20.9	0	0
1202	CR 4873/CR 4879	29.94514	-94.97216	0	20.9	0	0
1217	CR 48823	29.96292	-94.979	0	20.9	0	0

Time		Latitude	Longitude	LEL	O2	SO2	H2S
----	CR 4876	29.95194	-94.98155	(New coordinates due to Harris Co Hazmat bloc			
1418	CR 4865	29.94313	-94.9596	0	20.9	0	0
1338	CR 4874	29.94849	-94.9777	0	20.9	0	0
1430	CR 486	29.91407	-94.94888	0	20.9	0	0
1334	CR 4873/CR 4879	29.94514	-94.97216	0	20.9	0	0
1410	CR 48823	29.96292	-94.979	0	20.9	0	0
1459	CR 4906			0	20.9	0	0
1356	CR 4874	29.95267	-94.97697	0	20.9	0	0

Time		Latitude	Longitude	LEL	O2	SO2	H2S
1915	CR 4876	29.95200	-94.98151	0	20.9	0	0
1926	CR 4874	29.94846	-94.9787	0	20.9	0	0
1938	CR 4873	29.94506	-94.97204	0	20.9	0	0
1955	CR 4865	29.94303	-94.96055	0	20.9	0	0

Time		Latitude	Longitude	LEL	O2	SO2	H2S
947	CR 4906	29.968680	-94.973900	0	20.9	0	0
958	CR 48823	29.962920	-94.979000	0	20.9	0	2
1021	CR 4876	29.951940	-94.981600	0	20.9	0	0
1041	CR 4874	29.948490	-94.977700	0	20.9	0	2
1051	CR 4873/CR 4879	29.945140	-94.972220	0	20.9	0	0
1120	CR 4865	29.943130	-94.959600	0	20.9	0	0
1129	CR 486	29.914070	-94.948900	0	20.9	0	0

Time	Date		Latitude	Longitude	LEL	O2	H2S
1403	1-Sep	CR 4876	29.95194	-94.98155	0	20.9	0
1447	1-Sep	CR 4865	29.94313	-94.9596	0	20.9	0
1335	1-Sep	CR 4874	29.94849	-94.9777	0	20.9	0
1455	1-Sep	CR 486	29.91407	-94.94888	0	20.9	0
1413	1-Sep	CR 4873/CR 4879	29.94514	-94.97216	0	20.9	0
1348	1-Sep	CR 48823	29.96292	-94.979	0	20.9	0
1323	1-Sep	CR 4906	29.96868	-94.97387	0	20.9	0

Time	Date		Latitude	Longitude	LEL	O2	H2S
1710	1-Sep	CR 4876	29.95194	-94.98155	0	20.9	0
1725	1-Sep	CR 4865	29.94313	-94.9596	0	20.9	0
1720	1-Sep	CR 4874	29.94849	-94.9777	0	20.9	0

1750	1-Sep	CR 486	29.91407	-94.94888	0	20.9	0
1755	1-Sep	CR 4873/CR 4879	29.94514	-94.97216	0	20.9	0
1651	1-Sep	CR 48823	29.96292	-94.979	0	20.9	0
1633	1-Sep	CR 4906	29.96868	-94.97387	0	20.9	0

Time	Date		Latitude	Longitude	LEL	O2	H2S
1825	1-Sep	CR 4876	29.95194	-94.98155	0	20.9	0
1901	1-Sep	CR 4865	29.94313	-94.9596	0	20.9	0
1835	1-Sep	CR 4874	29.94849	-94.9777	0	20.9	0
	1-Sep	CR 486	29.91407	-94.94888			
1848	1-Sep	CR 4873/CR 4879	29.94514	-94.97216	0	20.9	0
1814	1-Sep	CR 48823	29.96292	-94.979	0	20.9	0
1811	1-Sep	CR 4906	29.96868	-94.97387	0	20.9	0

Time	Date		Latitude	Longitude	LEL	O2	H2S
1906	1-Sep	CR 4906	29.96868	-94.97387	0	20.9	0
1911	1-Sep	CR 486	29.91407	-94.94888	0	20.9	0.3
1926	1-Sep	CR 48823	29.96292	-94.979	0	20.9	0
1948	1-Sep	CR 486	29.91407	-94.94888	0	20.9	0
1957	1-Sep	CR 4865	29.94313	-94.9596	0	20.9	0
2000	1-Sep	CR 610/CR 602	30.01661	-94.9761	0	20.9	0
2009	1-Sep	CR 4876	29.95194	-94.98155	0	20.9	0
2010	1-Sep	602/603			0	20.9	0
2024	1-Sep	CR 4874	29.94849	-94.9777	0	20.9	0
2029	1-Sep	CR 4882/CR 48824			0	20.9	0
2029	1-Sep	CR4873/CR4879	29.94514	-94.97216	0	20.9	0
2043	1-Sep	CR 602/CR 6026			0	20.9	0

Time	Date		Latitude	Longitude	LEL	O2	H2S
2226	1-Sep	CR 4876	29.95194	-94.98155	0	20.9	0
2314	1-Sep	CR 4865	29.94313	-94.9596	0	20.9	0
2237	1-Sep	CR 4874	29.94849	-94.9777	0	20.9	0
	1-Sep	CR 486	29.91407	-94.94888			
2248	1-Sep	CR 4873/CR 4879	29.94514	-94.97216	0	20.9	0
2253	1-Sep	CR 48823	29.96292	-94.979	0	20.9	0
2231	1-Sep	CR 4906	29.96868	-94.97387	0	20.9	0
2232	1-Sep	CR 602/CR 612			0	20.9	0
2248	1-Sep	CR 612/CR 611					
2318	1-Sep	CR 612/CR 605			0	20.9	0

Time	Date		Latitude	Longitude	LEL	O2	H2S
0023	2-Sep	CR 602/CR 612	30.01586	-95.01634	0	20.9	0
0038	2-Sep	CR 602/CR 6026	30.01576	-95.02424	0	20.9	0
0046	2-Sep	CR 6026/CR 6027	30.00573	-95.02702	0	20.9	0
0054	2-Sep	2250 CR 6026	30.00065	-95.02701	0	20.9	0
0104	2-Sep	CR 602	30.01564	-95.0274	0	20.9	0

0257	2-Sep	CR4906	29.968763	-94.973843	0	20.9	0
0257	2-Sep	CR 602 @ CR 610			0	20.9	0
0306	2-Sep	CR 610 @ CR 605			0	20.9	0
0330	2-Sep	CR 48823			0	20.9	0
0333	2-Sep	CR 605 @ CR 603			0	20.9	0
0337	2-Sep	CR 605 @ CR 6053			0	20.9	0
0348	2-Sep	CR 4876			0	20.9	0
0354	2-Sep	CR 605 @ CR 6011			0	20.9	0
0354	2-Sep	CR 4873			0	20.9	0
0401	2-Sep	CR 4873 @ CR 4879			0	20.9	0

Time	Date		Latitude	Longitude	LEL	O2	H2S
1030	2-Sep-17	CR 602 @ CR 612			0	20.9	0
1039	2-Sep-17	CR 602 @ CR 6026			0	20.9	0
1045	2-Sep-17	CR 6027 @ CR 6026			0	20.9	0
1049	2-Sep-17	CR 2250 @ CR 6026			0	20.9	0
1059	2-Sep-17	CR 602 CR 611			0	20.9	0
1113	2-Sep-17	CR 37 @ CR 6052	30.03326	-94.93736	0	20.9	0
1116	2-Sep-17	CR 6052 @ CR 6053	30.02962	-94.94188	0	20.9	0
1129	2-Sep-17	CR 602 @ CR 603	30.01673	-94.95921	0	20.9	0

Time	Date		Latitude	Longitude	LEL	O2	H2S
1300	2-Sep-17	CR 90 @ CR 1413	29.98793	-94.96453	0	20.9	0
1318	2-Sep-17	CR 4906			0	20.9	0
1338	2-Sep-17	CR 48823			0	20.9	0
1347	2-Sep-17	CR 4876			0	20.9	0
1354	2-Sep-17	CR 4874			0	20.9	0
1358	2-Sep-17	CR 4873			0	20.9	0
1400	2-Sep-17	CR 90 @ CR 1413			0	20.9	0

Time	Date		Latitude	Longitude	LEL	O2	H2S
1614	2-Sep-17	CR 4906			0	20.9	0
1622	2-Sep-17	CR 602 @ CR 603			0	20.9	0
1625	2-Sep-17	CR 48823			0	20.9	0
1631	2-Sep-17	CR 653 @ CR 654			0	20.9	0
1638	2-Sep-17	CR 4874			0	20.9	0
1641	2-Sep-17	CR 6021 @ CR 6052			0	20.9	0
1645	2-Sep-17	CR 4874			0	20.9	0
1649	2-Sep-17	CR 4873 @ CR 4879			0	20.9	0

Time	Date		Latitude	Longitude	LEL	O2	H2S
1700	2-Sep-17	CR 4865			0	20.9	0
1701	2-Sep-17	CR 602 @ CR 612			0	20.9	0
1705	2-Sep-17	CR 612 @ CR 605			0	20.9	0
1707	2-Sep-17	CR 486			0	20.9	0
1708	2-Sep-17	CR 611 @ CR 605			0	20.9	0

Time	Date	Event Location	LEL	O2	H2S
2050	2-Sep-17	CR 6026 @ CR 6027	0	20.9	0
2100	2-Sep-17	CR 6026 @ CR 6027	0	20.9	0
2105	2-Sep-17	CR 6026 @ CR 6027	0	20.9	0
2116	2-Sep-17	CR 6026 @ CR 6027			

Time	Date		Latitude	Longitude	LEL	O2	H2S
1015	3-Sep-17	CR 6026	30.00065	-95.027010	0	20.9	0
1022	3-Sep-17	CR 6026 @ CR 6027	30.00573	-95.027020	0	20.9	0
1029	3-Sep-17	CR 602 @ CR 6026	30.01576	-95.024240	0	20.9	0
1039	3-Sep-17	CO Line CR 6026	30.01559	-95.039220	0	20.9	0
1048	3-Sep-17	CR 6026 @ Canal	30.01564	-95.029740	0	20.9	0
1052	3-Sep-17	CR 602 @ CR 612	30.010606	-95.012240	0	20.9	0
1058	3-Sep-17	CR 605 @ CR 612	30.2901	-95.011960	0	20.9	0
1105	3-Sep-17	CR 611 @ CR 605	30.02903	-94.992960	0	20.9	0
1112	3-Sep-17	CR 605 @ CR 610	30.0311	-94.976110	0	20.9	0
1310	3-Sep-17	Plaza Cir Dr. @ 90	29.96438	-94.99668	0	20.9	0
1319	3-Sep-17	20415 Live Oak	29.96568	-95.0034	0	20.9	0

CO	PH Water
0	
0	
0	
0	
0	
0	

CO	PH Water	
:king old coordinates)		
0		
0		
0		
0		
0	6	
0		
0	6	(New Coordinates)

CO	VOC
0	0
0	0
0	0
0	0

CO	VOC	
0	11.8	* May be due to damaged well heads in the area
0	10.1	*May be due to damaged well heads in the area
0	6.7	*May be due to damaged well heads in the area
0	1.4	*May be due to damaged well heads in the area
0	0.2	*May be due to damaged well heads in the area
0	0	
0	0	

CO	SO2	VOC
0	0	8.9
0	0	1.7
0	0	7.1
0	0	1.2
0	0	1.5
0	0	6.6
0	0	11.1

CO	SO2	VOC	
0	0	9.6	Plus One Weston Employee
0	0	1.5	
0	0	2.1	

0	0		0	
0	0		0	3
0	0	0	6	
0	0	6	11.1	

CO	SO2	VOC	
0	0	0	NO smell, no taste, no smoke
0	0	0	NO smell, no taste, no smoke
0	0	0	No smell, no taste, no smoke
0	0	0	Slight haze in the tree line but dissipating quickly
0	0	0	NO smell, no taste, no smoke
0	0	0	No smell, no taste, smoke not lingering

CO	SO2	VOC	
0	0		Air quality clear
0	0		Air quality clear
0	0	9.7	Air quality clear
0	0	9.2	Air quality clear
0	0	4.2	Air quality clear
0	0		Air quality clear
0	0	9.1	Air quality clear
0	0		Air quality clear
0	0	9	Air quality clear
0	0		Air quality clear
0	0	5.7	Air quality clear
0	0		Air quality clear

CO	SO2	VOC	
0	0	9	
0	0	0	
0	0	9	
0	0	9.6	
0	0	0	
0	0	0.1	
0	0	13	Strong odor with a slight haze
0	0		

CO	SO2	VOC	
0	0	9	
0	0	9.7	
0	0	10.5	
0	0	10	
0	0	10.8	Strong smell of fingernail polish/varasol

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

CO	SO2	VOC
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

CO	SO2	VOC
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

CO	SO2	VOC
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

CO	SO2	VOC
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

Release eve

CO	SO2	VOC
0	0	0
0	0	0
0	0	0

CO	SO2	VOC
0	0	0
0	0	0.2
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

ent

Time	Date	Latitude	Longitude	LEL	O2	SO2	H2S	CO
1100	31-Aug-17	29.934800	-95.031300	0	20.9	0	0	0
1506	31-Aug-17	29.934400	-95.031300	0	20.9	0.1	0	0
1540	31-Aug-17	29.961000	-95.048500	0	20.9	0.1	0	0
2400	1-Sep-17	29.934400	-95.031300	0	20.9	0	0	0
2415	1-Sep-17	29.961000	-95.048500	0	20.9	0	0	0
1024	1-Sep-17	29.961060	-95.048617	0	20.9	0	0	0
1059	1-Sep-17	29.934672	-95.031288	0	20.9	0	0	0
1600	1-Sep-17	29.929833	-95.041608	0	20.9	0	0	0
1730	1-Sep-17	29.934470	-95.031254	0	20.9	0.3	0	0
1749	1-Sep-17	29.961100	-95.047800	0	20.9	0.3	0	0
1811	1-Sep-17	29.924987	-95.041326	0	20.9	0.3	0	0
1823	1-Sep-17	29.961090	-95.048363	0	20.9	0.3	0	0
1836	1-Sep-17	29.227410	-95.041029	0	20.9	0.3	0	0
1849	1-Sep-17	29.934447	-95.031254	0	20.9	0.2	0	0
1927	1-Sep-17	29.934447	-95.031254	0	20.9	0	0	0
944	2-Sep-17	29.961088	-95.048563	0	20.9	0	0	0
1004	2-Sep-17	29.932988	-95.032647	0	20.9	0	0	0
1438	2-Sep-17	29.961195	-95.048569	0	20.9	0	0	0
1453	2-Sep-17	29.929803	-95.031699	0	20.9	0	0	0
1747	2-Sep-17	29.929833	-95.031647	0	20.9	0	0	0
1806	2-Sep-17	29.953143	-95.048443	0	20.9	0	0	0
2100	2-Sep-17	Bohemian Hall @ 90		0	20.9	0	0	0
2110	2-Sep-17	Bohemian Hall @ 90		0	20.9	0	0	0
2115	2-Sep-17	Ramsey @ S. Ramsey		0	20.9	0	0	0
902	3-Sep-17	29.96097	-95.048609	0	20.9	0	0	0
904	3-Sep-17	29.93343	-95.032511	0	29.9	0	0	0
1140	3-Sep-17	Location 4		0	20.9	0	0	0
1120	3-Sep-17	Location 8		0	20.9	0	0	0

VOC	
0	
0.6	
0.1 - 0.4	
0	
0	
0	
0	
0	slight solvent odor
0.2	
0.1	
0.2	
0	
0	
0	
0.1	
0	
0	
0	
0	Release Event
.1 - .3	
0.1 - 0.3	
0	
0	
0	
0	
0.1	
0	
0	