Table 1
CC 604-41-32 Spill Response
Soil Sampling Summary

LABORATORY DATA SUMMARY														
Sample ID	**20191011-604-41-32 SS1-0-6"-1115**	**20191011-604-41-32 SS2-0-6"-1120**	**20191016-604-41-32 BOT1-12"-1005**	**20191016-604-41-32 BOT2-12"-1030**	**20191016-604-41-32 BOT3-12"-1045**	**20191016-604-41-32 BOT4-12"-1200**	**20191016-604-41-32 BOT5-12"-1210**	**20191016-604-41-32 NWALL-8-10"-1100**	**20191016-604-41-32 EWALL-8-10"-1110**	**20191016-604-41-32 SWALL-8-10"-1120**	**20191016-604-41-32 WWALL-8-10"-1145**	**20191011-604-41-32 BG1-0-6"-1310**	**COGCC TABLE 910-1 CONCENTRATION LEVELS**	**UNITS**
Sample Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab		
Sample Depth	0-6"	0-6"	12"	12"	12"	12"	12"	8-10"	8-10"	8-10"	8-10"	0-6"		
Sample Date	10/11/2019	10/11/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/11/2019		
Longitude N														
Latitude W														
Sample Description	Surface Sample for Spill Investigation and Characterization - Spill Confirmation	Surface Sample for Spill Investigation and Characterization - Spill Confirmation	Confirmation Sample - Bottom	Confirmation Sample - Bottom	Confirmation Sample - Bottom	Confirmation Sample - Bottom	Confirmation Sample - Bottom	Confirmation Sample - North Wall	Confirmation Sample - East Wall	Confirmation Sample - South Wall	Confirmation Sample - West Wall	Background Sample - Arsenic		
Analytical Parameters														
TPH														
TPH Gasoline Range Organics	2.35	1.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	500	mg/kg
TPH Diesel Range Organics	134	161	15.1	38.2	169	5.88	75.7	61.1	6.69	52.6	211	NT		
BTEX														
Benzene	0.0371	0.0481	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.17	mg/kg
Toluene	0.0577	0.0717	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	85	mg/kg
Ethylbenzene	0.0101	0.00644	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	100	mg/kg
Total Xylene	0.0889	0.0642	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	175	mg/kg
Polynuclear Aromatic Hyrdrocarbons														
Anthracene	ND	0.0107	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	1,000	mg/kg
Acenaphthene	ND	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	1,000	mg/kg
Benzo(a)anthracene	ND	0.00625	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.22	mg/kg
Benzo(a)pyrene	ND	0.00647	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.022	mg/kg
Benzo(b)fluoranthene	ND	0.00774	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.22	mg/kg
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	2.2	mg/kg
Chrysene	ND	0.00708	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	22	mg/kg
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.022	mg/kg
Fluoranthene	ND	0.0156	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	1,000	mg/kg
Fluorene	0.0108	0.0256	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	1,000	mg/kg
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	0.22	mg/kg
Napthalene	0.0337	0.0802	ND	ND	ND	ND	ND	ND	ND	ND	ND	NT	23	mg/kg
Pyrene	0.0153	0.031	ND	ND	ND	ND	0.00674	ND	ND	0.0064	0.0117	NT	1,000	mg/kg
Metals														
Arsenic	**3.08**	**2.75**	**2.36**	**4.29**	**4.56**	**<2.00**	**6.17**	**2.24**	**<2.00**	**2.64**	**4.25**	**2.74**	0.39/3.8*	mg/kg
Barium	1210	1780	835	307	242	206	687	240	697	198	483	NT	15,000	mg/kg
Cadmium	ND	ND	ND	<0.500	ND	ND	0.528	ND	ND	ND	ND	NT	70	mg/kg
Chromium, Trivalent	15.1	17.6	42.3	28.5	54	27.6	32	19.2	35.2	12.1	37.4	NT	120,000	mg/kg
Chromium, Hexavalent	ND	ND	ND	<2.00	ND	ND	ND	ND	ND	ND	ND	NT	23	mg/kg
Copper	48.3	67.8	18.9	12.6	12.3	12.4	22.2	10.3	18.9	9.6	34.1	NT	3,100	mg/kg
Lead	6.3	7.37	13.2	9.78	9.7	9.0	12.2	7.5	12.8	5.9	10.7	NT	400	mg/kg
Mercury	ND	ND	ND	<0.0300	ND	ND	ND	ND	ND	ND	ND	NT	23	mg/kg
Nickel	11.4	13.1	27.7	18	25.7	18.5	23.5	13.2	24.6	11.4	22.9	NT	1,600	mg/kg
Selenium	ND	ND	ND	<2.00	ND	ND	ND	ND	ND	ND	ND	NT	390	mg/kg
Silver	ND	ND	ND	<1.00	ND	ND	ND	ND	ND	ND	ND	NT	390	mg/kg
Zinc	104	72.5	61	40.7	40	44	56	37	54	30	98	NT	23,000	mg/kg
SAR Metals Analysis														
Sodium Adsorption Ratio	**57.4**	**59.4**	0.716	2.93	1.62	1.51	4.89	7.59	0.352	5.3	6.98	NT	<12	ratio
General Chemistry														
Specific Conductivity	8.39	8.38	8.41	8.53	8.33	8.39	8.32	8.64	8.29	**9.1**	8.43	NT	6-9	su
pH	7.13	8.28	0.266	0.244	0.35	0.272	1.06	0.902	0.232	0.358	0.831	NT	<4 or 2X Background	mmhos/cm

mg/kg - milligrams per kilogram
mg/L - milligrams per liter
J - indicates an estimated value
mmhos/cm - millimhos per centimeter
mv - millivolts
su - standard units
NA - not analyzed

NT - parameter was not tested
ND - not detected above method detection limit
Over COGCC Table 910-1 concentration levels but under BACKGROUND level.
Over COGCC Table 910-1 concentration levels and not within BACKGROUND level.
Over COGCC Table 910-1 concentration levels
*- Background sample of 3.8 mg/kg; Sample lab #L524108, ID# BG-N 13 IN, June 29, 2011
"Blank" - Indicates analyte not reported yet