

**Table 1**  
**Wilson IC 03-179HNX Well Drilling Mud Spill**  
**Soil Analytical Summary**  
**May 31, 2019**

Sample Number	Sample Date	Sample Depth (in-bgs)	PID (ppm)	BTEX (mg/kg)				TPH (mg/kg)			Inorganics			Sample Location
				Benzene	Toluene	Ethylbenzene	Total Xylenes	GRO (C6-C10 Range)	DRO (C10-C28 Range)	TPH=GRO+DRO	pH Units	EC mmhos/cm	SAR	
<b>*COGCC Table 910-1 Concentration Levels</b>				<b>0.17</b>	<b>85</b>	<b>100</b>	<b>175</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>6-9</b>	<b>&lt;4</b>	<b>&lt;12</b>	
SS01-Center	5/31/2019	3	25.5	ND	ND	ND	0.216	170	474	644	NA	NA	NA	Center of spill area
SS02-East	5/31/2019	3	43.7	ND	ND	ND	0.0530	135	982	1,117	NA	NA	NA	East side of spill area
SS03-North	5/31/2019	3	13.7	ND	ND	ND	ND	127	791	918	NA	NA	NA	North side of spill area
SS04-West	5/31/2019	3	125.6	ND	ND	ND	0.0895	132	2,630	2,762	NA	NA	NA	West side of spill area
SS05-South	5/31/2019	3	75.5	ND	ND	ND	0.0700	154	1,440	1,594	NA	NA	NA	South side of spill area

\*Colorado Oil and Gas Conservation Commission (COGCC), 900 Series, Exploration and Production Waste Management, Table 910-1, Concentration Levels, May 1, 2018

in-bgs - Inches below ground surface

mg/kg - Milligrams per kilogram

PID - Photo-ionization detector

ppm - Parts per million

BTEX - Benzene, toluene, ethylbenzene, total xylenes

TPH - Total petroleum hydrocarbons

GRO - Gasoline range organics

DRO - Diesel range organics

EC - Electrical Conductivity / Specific Conductance

SAR - Sodium Absorption Ratio

mmhos/cm - millimhos per centimeter

NA - Not Analyzed

ND - Not detected above laboratory reporting limit