

TABLE 1
SBJ 22-13 HZ O SA
SOIL AND SURFACE WATER SAMPLE FIELD DATA SUMMARY TABLE
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Approximate Depth (feet bgs)	PID (ppm-v)	Visual Observation	Olfactory Observation	Latitude, Longitude	Submitted for Lab Analysis (Y/N)
Tank Battery Soil Samples							
Initial Waste Characterization @ 3"	2/22/2023	0.25	970.3	HC staining	HC odor	40.31352442, -104.9568729	Y
SS-01 @ 6"	2/28/2023	0.5	0.5	N/S	N/O	40.3127245793374, -104.95857462196	Y
SS-02 @ 6"	2/28/2023	0.5	0.4	N/S	N/O	40.3128254526169, -104.958604052707	Y
SS-03 @ 6"	2/28/2023	0.5	0.2	N/S	N/O	40.3128862024573, -104.958607784623	Y
SS-04 @ 6"	2/28/2023	0.5	0.5	N/S	N/O	40.312913192733, -104.958598496095	Y
SS-05 @ 6"	2/28/2023	0.5	0.2	N/S	N/O	40.3128837659773, -104.958562192509	Y
SS-06 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3129102942999, 104.958502200649	Y
SS-07 @ 6"	2/28/2023	0.5	0.6	N/S	N/O	40.3128270838263, -104.958504026561	Y
SS-08 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3128720299593, -104.958440934759	Y
SS-09 @ 6"	2/28/2023	0.5	0.3	N/S	N/O	40.3128362768034, -104.958410867844	Y
SS-10 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3127751875371, -104.958410003435	Y
SS-11 @ 6"	2/28/2023	0.5	0.5	N/S	N/O	40.3128292905145, -104.95834690482	Y
SS-12 @ 6"	2/28/2023	0.5	0.5	N/S	N/O	40.3127994827962, -104.958288940557	Y
SS-13 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3127611703414, -104.95823819575	Y
SS-14 @ 6"	2/28/2023	0.5	0.6	N/S	N/O	40.312692558712, -104.958244819493	Y
SS-15 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3127325571273, -104.958184412717	Y
SS-16 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3126577578004, -104.958119806001	Y
SS-17 @ 6"	2/28/2023	0.5	0.8	N/S	N/O	40.3130010138254, -104.958482991514	Y
SS-18 @ 6"	2/28/2023	0.5	0.8	N/S	N/O	40.3129574595123, -104.95842117523	Y
SS-19 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3129247522182, -104.958348100245	Y
SS-20 @ 6"	2/28/2023	0.5	0.6	N/S	N/O	40.3128812155813, -104.958292669871	Y
SS-21 @ 6"	2/28/2023	0.5	0.6	N/S	N/O	40.3128423298147, -104.95822682702	Y
SS-22 @ 6"	2/28/2023	0.5	0.8	N/S	N/O	40.3127982959981, -104.95818945149	Y
SS-23 @ 6"	2/28/2023	0.5	0.8	N/S	N/O	40.3127483404366, -104.958124141799	Y
SS-24 @ 6"	2/28/2023	0.5	1.0	N/S	N/O	40.3127033907275, -104.958061713695	Y
SS-25 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3126215027603, -104.958186509005	Y
SS-26 @ 6"	2/28/2023	0.5	0.3	N/S	N/O	40.3125676276165, -104.958164007046	Y
SS-27 @ 6"	2/28/2023	0.5	0.2	N/S	N/O	40.3125041939121, -104.958139717803	Y
SS-28 @ 6"	2/28/2023	0.5	0.2	N/S	N/O	40.3124506764959, -104.958115671149	Y
SS-29 @ 6"	2/28/2023	0.5	0.8	N/S	N/O	40.3123883991323, -104.958085226977	Y
SS-30 @ 6"	2/28/2023	0.5	0.9	N/S	N/O	40.312329669011, -104.958053514934	Y
SS-31 @ 6"	2/28/2023	0.5	0.4	N/S	N/O	40.3122953168652, -104.958027351582	Y
SS-32 @ 6"	2/28/2023	0.5	1.3	N/S	N/O	40.3123560963477, -104.957993745004	Y
SS-33 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3124131375322, -104.958011743541	Y
SS-34 @ 6"	2/28/2023	0.5	1.0	N/S	N/O	40.312471255701, -104.958030825639	Y
SS-35 @ 6"	2/28/2023	0.5	1.5	N/S	N/O	40.31253041572, -104.958058548311	Y
SS-36 @ 6"	2/28/2023	0.5	1.1	N/S	N/O	40.3125873911109, -104.958079553901	Y
SS-37 @ 6"	2/28/2023	0.5	1.3	N/S	N/O	40.3125125302641, -104.957945669086	Y
SS-38 @ 6"	2/28/2023	0.5	0.8	N/S	N/O	40.3125632575835, -104.957967038995	Y
SS-39 @ 6"	2/28/2023	0.5	1.1	N/S	N/O	40.3126371562413, -104.957998896803	Y
SS-40 @ 6"	2/28/2023	0.5	1.0	N/S	N/O	40.3125939283351, -104.957839749452	Y
SS-41 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.312663186683, -104.957907655882	Y
SS-42 @ 6"	2/28/2023	0.5	0.8	N/S	N/O	40.3127310405682, -104.957966917828	Y
SS-43 @ 6"	2/28/2023	0.5	1.2	N/S	N/O	40.3127820842233, -104.958019332704	Y
SS-44 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3128302350939, -104.958073998235	Y
SS-45 @ 6"	2/28/2023	0.5	0.4	N/S	N/O	40.3128782398151, -104.958127912543	Y
SS-46 @ 6"	2/28/2023	0.5	0.9	N/S	N/O	40.3129289542063, -104.958188888141	Y
SS-47 @ 6"	2/28/2023	0.5	0.6	N/S	N/O	40.312980254791, -104.958267715271	Y
SS-48 @ 6"	2/28/2023	0.5	0.5	N/S	N/O	40.3130259968552, -104.958323178056	Y
SS-49 @ 6"	2/28/2023	0.5	0.6	N/S	N/O	40.3130755508083, -104.958388205178	Y
SS-50 @ 6"	2/28/2023	0.5	1.0	N/S	N/O	40.3131314680952, -104.958302895376	Y
SS-51 @ 6"	2/28/2023	0.5	0.5	N/S	N/O	40.3130699019368, -104.958244993324	Y
SS-52 @ 6"	2/28/2023	0.5	1.2	N/S	N/O	40.313022729765, -104.958189227172	Y
SS-53 @ 6"	2/28/2023	0.5	1.4	N/S	N/O	40.312975045699, -104.958123411544	Y
SS-54 @ 6"	2/28/2023	0.5	0.4	N/S	N/O	40.3129158324399, -104.958058484014	Y
SS-55 @ 6"	2/28/2023	0.5	1.1	N/S	N/O	40.31286400052, -104.957998276356	Y
SS-56 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.312811027981, -104.957931094641	Y
SS-57 @ 6"	2/28/2023	0.5	0.5	N/S	N/O	40.3127577312499, -104.957867933383	Y
SS-58 @ 6"	2/28/2023	0.5	0.8	N/S	N/O	40.3127010357483, -104.957818616957	Y
SS-59 @ 6"	2/28/2023	0.5	0.4	N/S	N/O	40.3126479543221, -104.95775953137	Y

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Sample Location	Date	Approximate Depth (feet bgs)	PID (ppm-v)	Visual Observation	Olfactory Observation	Latitude, Longitude	Submitted for Lab Analysis (Y/N)
SS-60 @ 6"	2/28/2023	0.5	1.0	N/S	N/O	40.3127342070521, -104.957657836353	Y
SS-61 @ 6"	2/28/2023	0.5	2.2	N/S	N/O	40.3127708199097, -104.957712808258	Y
SS-62 @ 6"	2/28/2023	0.5	1.2	N/S	N/O	40.3128115957121, -104.957778813636	Y
SS-63 @ 6"	2/28/2023	0.5	1.3	N/S	N/O	40.3128556003679, -104.957851865929	Y
SS-64 @ 6"	2/28/2023	0.5	0.8	N/S	N/O	40.3129155846124, -104.95793460254	Y
SS-65 @ 6"	2/28/2023	0.5	1.5	N/S	N/O	40.3129698127318, -104.958013461296	Y
SS-66 @ 6"	2/28/2023	0.5	1.2	N/S	N/O	40.3130229317512, -104.958069752029	Y
SS-67 @ 6"	2/28/2023	0.5	1.1	N/S	N/O	40.3130707295034, -104.958134254594	Y
SS-68 @ 6"	2/28/2023	0.5	0.4	N/S	N/O	40.3131481382361, -104.958200410774	Y
SS-69 @ 6"	2/28/2023	0.5	1.2	N/S	N/O	40.3131542715416, -104.958078414911	Y
SS-70 @ 6"	2/28/2023	0.5	0.6	N/S	N/O	40.3131085406046, -104.958041267285	Y
SS-71 @ 6"	2/28/2023	0.5	0.3	N/S	N/O	40.3130734085446, -104.957968755017	Y
SS-72 @ 6"	2/28/2023	0.5	0.4	N/S	N/O	40.3130302895542, -104.957915155397	Y
SS-73 @ 6"	2/28/2023	0.5	0.9	N/S	N/O	40.3129839616078, -104.957851754803	Y
SS-74 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3129123798883, -104.957760012989	Y
SS-75 @ 6"	2/28/2023	0.5	0.4	N/S	N/O	40.312857535917, -104.95769328556	Y
SS-76 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3128024227861, -104.957583129227	Y
SS-77 @ 6"	2/28/2023	0.5	1.1	N/S	N/O	40.312891266979, -104.957493717882	Y
SS-78 @ 6"	2/28/2023	0.5	1.9	N/S	N/O	40.3129426215801, -104.957580696995	Y
SS-79 @ 6"	2/28/2023	0.5	0.6	N/S	N/O	40.3129878258956, -104.957640783527	Y
SS-80 @ 6"	2/28/2023	0.5	1.3	N/S	N/O	40.3130463923439, -104.957719626337	Y
SS-81 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3130968720584, -104.957787290398	Y
SS-82 @ 6"	2/28/2023	0.5	0.5	N/S	N/O	40.3131418608191, -104.957856665273	Y
SS-83 @ 6"	2/28/2023	0.5	1.4	N/S	N/O	40.3131957976016, -104.957945839239	Y
SS-84 @ 6"	2/28/2023	0.5	0.6	N/S	N/O	40.3132830102642, -104.957902952369	Y
SS-85 @ 6"	2/28/2023	0.5	0.6	N/S	N/O	40.3132331214132, -104.957813352408	Y
SS-86 @ 6"	2/28/2023	0.5	1.0	N/S	N/O	40.3131902718742, -104.957755738353	Y
SS-87 @ 6"	2/28/2023	0.5	0.8	N/S	N/O	40.3131362517662, -104.957695646042	Y
SS-88 @ 6"	2/28/2023	0.5	0.6	N/S	N/O	40.3130858325705, -104.95763632998	Y
SS-89 @ 6"	3/1/2023	0.5	0.9	N/S	N/O	40.3130328370778, -104.957576016064	Y
SS-90 @ 6"	2/28/2023	0.5	0.4	N/S	N/O	40.3129791017197, -104.957513185909	Y
SS-91 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3129281998161, -104.957430321962	Y
SS-92 @ 6"	2/28/2023	0.5	0.9	N/S	N/O	40.3129784266958, -104.957341106698	Y
SS-93 @ 6"	3/1/2023	0.5	1.5	N/S	N/O	40.3130479374151, -104.957405496641	Y
SS-94 @ 6"	2/28/2023	0.5	0.7	N/S	N/O	40.3131061669947, -104.957473141851	Y
SS-95 @ 6"	2/28/2023	0.5	0.3	N/S	N/O	40.3131640559973, -104.957523078521	Y
SS-96 @ 6"	2/28/2023	0.5	0.4	N/S	N/O	40.3132235524268, -104.957590229888	Y
SS-97 @ 6"	2/28/2023	0.5	0.8	N/S	N/O	40.3132731298039, -104.957644788699	Y
SS-98 @ 6"	2/28/2023	0.5	0.6	N/S	N/O	40.3133423237256, -104.957720432543	Y
SS-99 @ 6"	2/28/2023	0.5	0.6	N/S	N/O	40.3134097337776, -104.957610975953	Y
SS-100 @ 6"	2/28/2023	0.5	2.0	N/S	N/O	40.3133229612808, -104.957548683717	Y
SS-101 @ 6"	2/28/2023	0.5	1.6	N/S	N/O	40.3132669851775, -104.957509957383	Y
SS-102 @ 6"	2/28/2023	0.5	1.0	N/S	N/O	40.3132039428956, -104.957456474125	Y
SS-103 @ 6"	2/28/2023	0.5	0.9	N/S	N/O	40.3131447237078, -104.957402929095	Y
SS-104 @ 6"	2/28/2023	0.5	1.2	N/S	N/O	40.3130775839853, -104.957346283272	Y
SS-105 @ 6"	2/28/2023	0.5	0.5	N/S	N/O	40.3130276314202, -104.957286955796	Y
SS-106 @ 6"	2/28/2023	0.5	0.9	N/S	N/O	40.3130862334033, -104.957224473468	Y
SS-107 @ 6"	2/28/2023	0.5	1.6	N/S	N/O	40.3131370649685, -104.957271022716	Y
SS-108 @ 6"	2/28/2023	0.5	0.6	N/S	N/O	40.3131992564885, -104.95731682732	Y
SS-109 @ 6"	2/28/2023	0.5	0.4	N/S	N/O	40.3132619892824, -104.957364906188	Y
SS-110 @ 6"	2/28/2023	0.5	0.4	N/S	N/O	40.313322967176, -104.95741213628	Y
SS-111 @ 6"	2/28/2023	0.5	1.8	N/S	N/O	40.313405126086, -104.95748460646	Y
SS-112 @ 6"	2/28/2023	0.5	2.3	N/S	N/O	40.3134638948508, -104.95739222246	Y
SS-113 @ 6"	2/28/2023	0.5	1.8	N/S	N/O	40.3133937072372, -104.957330106078	Y
SS-114 @ 6"	2/28/2023	0.5	2.7	N/S	N/O	40.3133271683893, -104.957274018184	Y
SS-115 @ 6"	2/28/2023	0.5	2.1	N/S	N/O	40.3132573932299, -104.957231827606	Y
SS-116 @ 6"	2/28/2023	0.5	2.9	N/S	N/O	40.3132025334184, -104.957192435935	Y
SS-117 @ 6"	2/28/2023	0.5	2.1	N/S	N/O	40.3131449384774, -104.957137829218	Y
SS-118 @ 3"	3/2/2023	0.25	1.1	N/S	N/O	40.312222295998, -104.958068458105	Y
SS-119 @ 3"	3/2/2023	0.25	0.9	N/S	N/O	40.3121861471568, -104.958130503614	Y
SS-120 @ 3"	3/2/2023	0.25	0.7	N/S	N/O	40.3122780039222, -104.958109566192	Y
SS-121 @ 3"	3/2/2023	0.25	0.9	N/S	N/O	40.312259520684, -104.958147964489	Y

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Sample Location	Date	Approximate Depth (feet bgs)	PID (ppm-v)	Visual Observation	Olfactory Observation	Latitude, Longitude	Submitted for Lab Analysis (Y/N)
SS-122 @ 3"	3/2/2023	0.25	0.6	N/S	N/O	40.3123570726867, -104.958128826442	Y
SS-123 @ 3"	3/2/2023	0.25	0.5	N/S	N/O	40.3123304902615, -104.9581865917	Y
SS-124 @ 3"	3/2/2023	0.25	0.7	N/S	N/O	40.3124091177483, -104.958170182807	Y
SS-125 @ 3"	3/2/2023	0.25	1.0	N/S	N/O	40.3124030491492, -104.958209383512	Y
SS-126 @ 3"	3/2/2023	0.25	1.1	N/S	N/O	40.3124797714588, -104.958189548954	Y
SS-127 @ 3"	3/2/2023	0.25	0.7	N/S	N/O	40.3125386066534, -104.95823297396	Y
SS-128 @ 3"	3/2/2023	0.25	0.8	N/S	N/O	40.3125932504779, -104.958229549471	Y
SS-129 @ 3"	3/2/2023	0.25	0.8	N/S	N/O	40.3126606504665, -104.95819734947	Y
SS-130 @ 3"	3/2/2023	0.25	0.6	N/S	N/O	40.3126216504766, -104.958265149459	Y
SS-131 @ 3"	3/2/2023	0.25	1.2	N/S	N/O	40.3126652096552, -104.958314850502	Y
SS-132 @ 3"	3/2/2023	0.25	1.0	N/S	N/O	40.3126163391791, -104.958347234655	Y
SS-133 @ 3"	3/2/2023	0.25	0.9	N/S	N/O	40.3125934714137, -104.958432314318	Y
SS-134 @ 3"	3/2/2023	0.25	0.8	N/S	N/O	40.3126565499407, -104.958414684991	Y
SS-135 @ 3"	3/2/2023	0.25	1.1	N/S	N/O	40.3127198812874, -104.95834002197	Y
SS-136 @ 3"	3/2/2023	0.25	0.9	N/S	N/O	40.3127129041239, -104.95846008156	Y
SS-137 @ 3"	3/2/2023	0.25	0.7	N/S	N/O	40.3126417672009, -104.958499583044	Y
SS-138 @ 3"	3/2/2023	0.25	1.3	N/S	N/O	40.3126742024986, -104.958561124115	Y
SS-139 @ 3"	3/2/2023	0.25	1.1	N/S	N/O	40.3126201472513, -104.958584763299	Y
SS-140 @ 3"	3/2/2023	0.25	1.2	N/S	N/O	40.3126102011512, -104.958673249078	Y
SS-141 @ 3"	3/2/2023	0.25	1.5	N/S	N/O	40.3126393258972, -104.958751732644	Y
SS-142 @ 3"	3/2/2023	0.25	1.2	N/S	N/O	40.3126805128264, -104.958661744853	Y
SS-143 @ 3"	3/2/2023	0.25	0.8	N/S	N/O	40.3127682965863, -104.958530484093	Y
SS-144 @ 3"	3/2/2023	0.25	1.0	N/S	N/O	40.3127664493732, -104.95864757294	Y
SS-145 @ 3"	3/2/2023	0.25	1.0	N/S	N/O	40.3127201304348, -104.958745895152	Y
SS-146 @ 3"	3/2/2023	0.25	1.1	N/S	N/O	40.3126746507841, -104.958849233377	Y
SS-147 @ 3"	3/2/2023	0.25	0.9	N/S	N/O	40.3127058505124, -104.958931549294	Y
SS-148 @ 3"	3/2/2023	0.25	1.2	N/S	N/O	40.3127681565, -104.958861022948	Y
SS-149 @ 3"	3/2/2023	0.25	1.3	N/S	N/O	40.3127977471823, -104.958720616075	Y
SS-150 @ 3"	3/2/2023	0.25	1.0	N/S	N/O	40.3128407504773, -104.958693849333	Y
SS-151 @ 3"	3/2/2023	0.25	0.7	N/S	N/O	40.3128178182391, -104.9587982714	Y
SS-152 @ 3"	3/2/2023	0.25	1.0	N/S	N/O	40.3134865535272, -104.957313914345	Y
SS-153 @ 3"	3/2/2023	0.25	1.4	N/S	N/O	40.3134093643235, -104.957266348372	Y
SS-154 @ 3"	3/2/2023	0.25	1.6	N/S	N/O	40.3133520625407, -104.957213235457	Y
SS-155 @ 3"	3/2/2023	0.25	1.3	N/S	N/O	40.3132776509375, -104.957166634282	Y
SS-156 @ 3"	3/2/2023	0.25	0.9	N/S	N/O	40.3131908384327, -104.957100164394	Y
SS-157 @ 3"	3/2/2023	0.25	1.3	N/S	N/O	40.3132597269176, -104.95704249458	Y
SS-158 @ 3"	3/2/2023	0.25	1.4	N/S	N/O	40.3133206251049, -104.957091255224	Y
SS-159 @ 3"	3/2/2023	0.25	1.5	N/S	N/O	40.3133875731282, -104.957136274355	Y
SS-160 @ 3"	3/2/2023	0.25	1.6	N/S	N/O	40.3134402891735, -104.957177166951	Y
SS-161 @ 3"	3/2/2023	0.25	1.8	N/S	N/O	40.313513051645, -104.957217824746	Y
SS-162 @ 3"	3/2/2023	0.25	1.0	N/S	N/O	40.313541236015, -104.95714223268	Y
SS-163 @ 3"	3/2/2023	0.25	0.9	N/S	N/O	40.313479047495, -104.957107346931	Y
SS-164 @ 3"	3/2/2023	0.25	0.7	N/S	N/O	40.3134302502583, -104.957064577023	Y
SS-165 @ 3"	3/2/2023	0.25	0.8	N/S	N/O	40.313382758894, -104.957042683872	Y
SS-166 @ 3"	3/2/2023	0.25	1.1	N/S	N/O	40.3133316781681, -104.956997648715	Y
SS-167 @ 3"	3/2/2023	0.25	1.4	N/S	N/O	40.3133562502824, -104.956928249681	Y
SS-168 @ 3"	3/2/2023	0.25	1.1	N/S	N/O	40.313400250279, -104.956963949668	Y
SS-169 @ 3"	3/2/2023	0.25	0.9	N/S	N/O	40.3134405502754, -104.956991149656	Y
SS-170 @ 3"	3/2/2023	0.25	80.1	N/S	N/O	40.3134818502737, -104.957045449639	Y
SS-171 @ 3"	3/2/2023	0.25	6.6	N/S	N/O	40.3135418317574, -104.957058859171	Y
SS-172 @ 3"	3/2/2023	0.25	4.7	N/S	N/O	40.3134409156542, -104.956898617179	Y
SS-173 @ 3"	3/2/2023	0.25	4.6	N/S	N/O	40.3134717502677, -104.956941549664	Y
SS-174 @ 3"	3/2/2023	0.25	6.1	N/S	N/O	40.3135190199133, -104.956960713597	Y
SS-175 @ 3"	3/2/2023	0.25	3.6	N/S	N/O	40.3135450502589, -104.956957249652	Y
SS-176 @ 9"	3/9/2023	0.75	1.1	N/S	N/O	40.31339786, -104.9570651	Y
SS-177 @ 9"	3/9/2023	0.75	1.4	N/S	N/O	40.31335045, -104.9570485	Y
SS-178 @ 1'	3/9/2023	1	0.9	N/S	N/O	40.31337345, -104.956982	Y
SS-179 @ 9"	3/9/2023	0.75	1.2	N/S	N/O	40.31341468, -104.9570235	Y
SS-180 @ 9"	3/9/2023	0.75	0.7	N/S	N/O	40.31347695, -104.9570565	Y
SS-181 @ 2'	3/9/2023	2	1.5	N/S	N/O	40.31353467, -104.9570552	Y
SS-182 @ 2'	3/9/2023	2	2.0	N/S	N/O	40.31348607, -104.9570357	Y
SS-183 @ 2'	3/9/2023	2	1.8	N/S	N/O	40.31342431, -104.95699	Y

TABLE 1
SBJ 22-13 HZ O SA
SOIL AND SURFACE WATER SAMPLE FIELD DATA SUMMARY TABLE
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Approximate Depth (feet bgs)	PID (ppm-v)	Visual Observation	Olfactory Observation	Latitude, Longitude	Submitted for Lab Analysis (Y/N)
SS-184 @ 2'	3/9/2023	2	2.1	N/S	N/O	40.31338578, -104.9569588	Y
SS-185 @ 9"	3/9/2023	0.75	1.0	N/S	N/O	40.31345312, -104.957079	Y
SS-186 @ 9"	3/9/2023	0.75	1.5	N/S	N/O	40.31348868, -104.9571323	Y
SS-187 @ 9"	3/9/2023	0.75	1.2	N/S	N/O	40.31351545, -104.9570751	Y
SEP-B01 @ 2'	3/9/2023	2	0.8	N/S	N/O	40.31351536, -104.9571121	Y
SEP-B02 @ 2'	3/9/2023	2	0.6	N/S	N/O	40.31347974, -104.9570789	Y
SEP-B03 @ 2'	3/9/2023	2	0.5	N/S	N/O	40.31343609, -104.9570506	Y
SEP-B04 @ 2'	3/9/2023	2	1.0	N/S	N/O	40.31339513, -104.9570276	Y
SEP-B05 @ 2'	3/9/2023	2	0.9	N/S	N/O	40.31333879, -104.9569946	Y
SS-162-B01@9"	3/23/2023	0.75	0.3	N/S	N/O	40.313536550273, -104.95713984961	Y
SS-163-B01@9"	3/23/2023	0.75	0.4	N/S	N/O	40.3134782502787, -104.957108649624	Y
SS-165-B01@9"	3/23/2023	0.75	0.5	N/S	N/O	40.3133824361836, -104.957042382999	Y
SS-167-B01@9"	3/23/2023	0.75	0.3	N/S	N/O	40.3133567502824, -104.956929649681	Y
SS-168-B01@9"	3/23/2023	0.75	0.5	N/S	N/O	40.3133996098608, -104.956963319978	Y
SS-169-B01@9"	3/23/2023	0.75	0.6	N/S	N/O	40.3134402388259, -104.956990242571	Y
SS-170-B01@9"	3/23/2023	0.75	0.8	N/S	N/O	40.3134809815401, -104.957044052233	Y
SS-144-B01@9"	3/23/2023	0.75	0.4	N/S	N/O	40.3127630504843, -104.958644349354	Y
SS-122-B01@9"	3/23/2023	0.75	0.2	N/S	N/O	40.3123558505028, -104.958127949523	Y
SS-152-B01@9"	3/23/2023	0.75	0.3	N/S	N/O	40.3134782502929, -104.957309449578	Y
SS-171-B01@9"	3/23/2023	0.75	0.6	N/S	N/O	40.3135412186107, -104.957058345762	Y
SS-153-B01@9"	3/23/2023	0.75	0.4	N/S	N/O	40.3134094812914, -104.957266256267	Y
SS-154-B01@9"	3/23/2023	0.75	1.1	N/S	N/O	40.3133516326188, -104.957210778273	Y
SS-158-B01@9"	3/23/2023	0.75	0.7	N/S	N/O	40.3133192821539, -104.95709047441	Y
SS-159-B01@9"	3/23/2023	0.75	0.6	N/S	N/O	40.313386150293, -104.957135249629	Y
SS-172-B01 @ 9"	3/24/2023	0.75	1.0	N/S	N/O	40.31344505, -104.9568981	Y
SS-173-B01 @ 9"	3/24/2023	0.75	9.3	N/S	N/O	40.31347006, -104.9569399	Y
SS-174-B01 @ 9"	3/24/2023	0.75	1.8	N/S	N/O	40.31352105, -104.9569586	Y
SS-175-B01 @ 9"	3/24/2023	0.75	1.1	N/S	N/O	40.3135403, -104.9569558	Y
SS-188-B01 @ 5'	3/24/2023	5	17.7	N/S	Slight HC odor	40.31353165, -104.956928	Y
SS-188-N01 @ 3'	3/24/2023	3	550.1	Slight HC staining	HC odor	40.31354337, -104.9569318	Y
SS-188-S01 @ 3'	3/24/2023	3	250.5	N/S	HC odor	40.31352304, -104.9569207	Y
SS-188-E01 @ 3'	3/24/2023	3	26.5	N/S	Slight HC odor	40.31353795, -104.9569142	Y
SS-188-W01 @ 3'	3/24/2023	3	10.9	N/S	Slight HC odor	40.31352825, -104.9569376	Y
SS-189 @ 3'	4/28/2023	3	81.4	N/S	HC	40.31355395, -104.9569221	Y
SS-182 @ 2.5'	4/28/2023	2.5	1.4	N/S	N/O	40.31348943, -104.9570111	Y
SS-182-N01 @ 2'	5/1/2023	2	2.2	N/S	N/O	40.31349504, -104.9570267	Y
SS-182-S01 @ 2'	5/1/2023	2	1.0	N/S	N/O	40.31348405, -104.9570219	Y
SS-182-E01 @ 2'	5/1/2023	2	1.2	N/S	N/O	40.31349045, -104.9570091	Y
SS-182-W01 @ 2'	5/1/2023	2	0.7	N/S	N/O	40.31348814, -104.9570371	Y
SS-173-B01 @ 2.5'	5/1/2023	2.5	1.9	N/S	N/O	40.31347214, -104.956938	Y
SS-173-N01 @ 2'	5/1/2023	2	2.8	N/S	N/O	40.31356447, -104.9568666	Y
SS-173-S01 @ 2'	5/1/2023	2	2.6	N/S	N/O	40.31342738, -104.9569067	Y
SS-173-E01 @ 2'	5/1/2023	2	3.0	N/S	N/O	40.31352989, -104.956835	Y
SS-173-E02 @ 2'	5/1/2023	2	22.3	N/S	N/O	40.31347124, -104.9568672	Y
SS-173-W01 @ 2'	5/1/2023	2	3.1	N/S	N/O	40.31347949, -104.9569492	Y
Initial Waste Characterization-B01 @ 2.5'	5/1/2023	2.5	11.8	N/S	Slight HC odor	40.31352235, -104.9568758	Y
Surface Water Samples							
SW-01	2/22/2023	surface	N/A	N/A	N/A	40.3126291186026, -104.958851844935	Y
SW-02	2/22/2023	surface	N/A	N/A	N/A	40.3125857927076, -104.958293987191	Y
SW-03	2/22/2023	surface	N/A	N/A	N/A	40.3120936687813, -104.958329611275	Y
SW-01-2	2/23/2023	surface	N/A	N/A	N/A	40.3126289, -104.9588375	Y
SW-02-2	2/23/2023	surface	N/A	N/A	N/A	40.31258635, -104.9582971	Y
SW-03-2	2/23/2023	surface	N/A	N/A	N/A	40.3120824, -104.9583033	Y
SW-04	2/23/2023	surface	N/A	N/A	N/A	40.31266482, -104.9589326	Y
SW-05	2/23/2023	surface	N/A	N/A	N/A	40.31192156, -104.9585016	Y
SW-06	2/23/2023	surface	N/A	N/A	N/A	40.31182539, -104.9584257	Y
SW-07	2/23/2023	surface	N/A	N/A	N/A	40.31172739, -104.9582939	Y
SW-08	2/23/2023	surface	N/A	N/A	N/A	40.31135669, -104.9577321	Y
SW-01-3	2/24/2023	surface	N/A	N/A	N/A	40.31262856, -104.9588492	Y
SW-02-3	2/24/2023	surface	N/A	N/A	N/A	40.31258766, -104.9582909	Y

TABLE 1
SBJ 22-13 HZ O SA
SOIL AND SURFACE WATER SAMPLE FIELD DATA SUMMARY TABLE
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Approximate Depth (feet bgs)	PID (ppm-v)	Visual Observation	Olfactory Observation	Latitude, Longitude	Submitted for Lab Analysis (Y/N)
SW-03-3	2/24/2023	surface	N/A	N/A	N/A	40.31210173, -104.9583563	Y
SW-04-2	2/24/2023	surface	N/A	N/A	N/A	40.31267643, -104.9589269	Y
SW-05-2	2/24/2023	surface	N/A	N/A	N/A	40.31191839, -104.9585148	Y
SW-06-2	2/24/2023	surface	N/A	N/A	N/A	40.31182526, -104.9584269	Y
SW-07-2	2/24/2023	surface	N/A	N/A	N/A	40.3117254, -104.958298	Y
SW-08-2	2/24/2023	surface	N/A	N/A	N/A	40.31136369, -104.9577541	Y
SW-09	2/24/2023	surface	N/A	N/A	N/A	40.31273864, -104.9608291	Y
SW-01-4	2/27/2023	surface	N/A	N/A	N/A	40.31264253, -104.9587871	Y
SW-02-4	2/27/2023	surface	N/A	N/A	N/A	40.31254312, -104.9582069	Y
SW-03-4	2/27/2023	surface	N/A	N/A	N/A	40.3120995, -104.9583598	Y
SW-04-3	2/27/2023	surface	N/A	N/A	N/A	40.31265827, -104.9589447	Y
SW-05-3	2/27/2023	surface	N/A	N/A	N/A	40.31190029, -104.9585424	Y
SW-06-3	2/27/2023	surface	N/A	N/A	N/A	40.3118294, -104.9584346	Y
SW-07-3	2/27/2023	surface	N/A	N/A	N/A	40.3117015, -104.9582623	Y
SW-08-3	2/27/2023	surface	N/A	N/A	N/A	40.31137082, -104.957763	Y
SW-09-2	2/27/2023	surface	N/A	N/A	N/A	40.31269268, -104.9608749	Y
SW-01-5	3/1/2023	surface	N/A	N/A	N/A	40.31261923, -104.9588327	Y
SW-02-5	3/1/2023	surface	N/A	N/A	N/A	40.31257137, -104.9582699	Y
SW-03-5	3/1/2023	surface	N/A	N/A	N/A	40.31210696, -104.9583351	Y
SW-04-4	3/1/2023	surface	N/A	N/A	N/A	40.31265786, -104.9589357	Y
SW-05-4	3/1/2023	surface	N/A	N/A	N/A	40.31191923, -104.9584917	Y
SW-06-4	3/1/2023	surface	N/A	N/A	N/A	40.31183495, -104.9584247	Y
SW-07-4	3/1/2023	surface	N/A	N/A	N/A	40.31170802, -104.9582801	Y
SW-08-4	3/1/2023	surface	N/A	N/A	N/A	40.31136943, -104.9577545	Y
SW-09-3	3/1/2023	surface	N/A	N/A	N/A	40.31273381, -104.9608717	Y
Background Soil Samples							
SS-BG01 @ 3"	3/16/2023	0.25	0.6	N/S	N/O	40.3137567198229, -104.957155671727	Y
SS-BG02 @ 3"	3/16/2023	0.25	0.5	N/S	N/O	40.3132108245209, -104.956914102395	Y
SS-BG03 @ 3"	3/16/2023	0.25	0.3	N/S	N/O	40.3132408492701, -104.958614936801	Y
SS-BG04 @ 3"	3/16/2023	0.25	0.4	N/S	N/O	40.3122615848305, -104.957310416644	Y
SS-BG05 @ 9"	4/11/2023	0.75	4.3	N/S	N/O	40.31278111, -104.9594093	Y
SS-BG06 @ 9"	4/11/2023	0.75	3.0	N/S	N/O	40.31192445, -104.9582235	Y
SS-BG07 @ 5.5'	4/11/2023	5.5	2.5	N/S	N/O	40.31367655, -104.9565901	Y
SS-BG08 @ 3"	4/20/2023	0.25	1.7	N/S	N/O	40.31280101, -104.9589825	Y
SS-BG08 @ 6"	4/20/2023	0.5	1.9	N/S	N/O	40.31280101, -104.9589825	Y
SS-BG09 @ 3'	4/20/2023	0.25	1.8	N/S	N/O	40.31277608, -104.9590713	Y
SS-BG09 @ 6"	4/20/2023	0.5	1.2	N/S	N/O	40.31277608, -104.9590713	Y
SS-BG10 @ 3"	4/20/2023	0.25	1.3	N/S	N/O	40.31215378, -104.9579078	Y
SS-BG10 @ 6"	4/20/2023	0.5	2.4	N/S	N/O	40.31215378, -104.9579078	Y
SS-BG11 @ 3"	4/20/2023	0.25	2.1	N/S	N/O	40.31209474, -104.9582243	Y
SS-BG11 @ 6"	4/20/2023	0.5	2.3	N/S	N/O	40.31209474, -104.9582243	Y
SS-BG12 @ 3"	4/20/2023	0.25	1.6	N/S	N/O	40.31257299, -104.957457	Y
SS-BG12 @ 6"	4/20/2023	0.5	3.0	N/S	N/O	40.31257299, -104.957457	Y
SS-BG13 @ 3"	4/20/2023	0.25	2.9	N/S	N/O	40.31275221, -104.9571809	Y
SS-BG13 @ 6"	4/20/2023	0.5	3.1	N/S	N/O	40.31275221, -104.9571809	Y
SS-BG14 @ 3"	4/20/2023	0.25	3.2	N/S	N/O	40.31346975, -104.9578552	Y
SS-BG14 @ 6"	4/20/2023	0.5	3.4	N/S	N/O	40.31346975, -104.9578552	Y
SS-BG15 @ 3"	4/20/2023	0.25	3.0	N/S	N/O	40.31329263, -104.958172	Y
SS-BG15 @ 6"	4/20/2023	0.5	2.8	N/S	N/O	40.31329263, -104.958172	Y
SS-BG16 @ 3"	4/20/2023	0.25	2.4	N/S	N/O	40.31287583, -104.9559294	Y
SS-BG16 @ 6"	4/20/2023	0.5	2.9	N/S	N/O	40.31287583, -104.9559294	Y
SS-BG17 @ 3"	4/28/2023	0.25	1.3	N/S	N/O	40.3129907, -104.956544	Y
SS-BG17 @ 3'	4/28/2023	3	0.9	N/S	N/O	40.3129907, -104.956544	Y
SS-BG17 @ 5'	4/28/2023	5	1.1	N/S	N/O	40.3129907, -104.956544	Y
SS-BG18 @ 3"	4/28/2023	0.25	1.5	N/S	N/O	40.31295756, -104.956803	Y
SS-BG18 @ 3'	4/28/2023	3	1.0	N/S	N/O	40.31295756, -104.956803	Y
SS-BG18 @ 5'	4/28/2023	5	1.6	N/S	N/O	40.31295756, -104.956803	Y
SS-BG19 @ 3"	4/28/2023	0.25	2.2	N/S	N/O	40.31383872, -104.9574474	Y
SS-BG19 @ 3'	4/28/2023	3	1.8	N/S	N/O	40.31383872, -104.9574474	Y
SS-BG19 @ 5'	4/28/2023	5	1.3	N/S	N/O	40.31383872, -104.9574474	Y
SS-BG20 @ 3"	4/28/2023	0.25	1.5	N/S	N/O	40.31396012, -104.9569737	Y
SS-BG20 @ 3'	4/28/2023	3	2.8	N/S	N/O	40.31396012, -104.9569737	Y
SS-BG20 @ 5'	4/28/2023	5	2.7	N/S	N/O	40.31396012, -104.9569737	Y

bgs = below ground surface

PID = photoionization detector

ppm-v = parts per million by volume

N/S = No Staining

N/O = No Odor

HC = hydrocarbon

N/A = Not Applicable

TABLE 2
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - VOCs
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Naphthalene (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		1.2	490	5.8	58	500			2	30	27
Initial Waste Characterization @ 3"	2/22/2023	3.33	44.2	17.0	127	3760	8750	2320	4.73	63.9	18.1
SS-01 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-02 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-03 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-04 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-05 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-06 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-07 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-08 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-09 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-10 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-11 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-12 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-13 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-14 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-15 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-16 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-17 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-18 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-19 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-20 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-21 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-22 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-23 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-24 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-25 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-26 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-27 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-28 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-29 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-30 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-31 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-32 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-33 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200

TABLE 2
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - VOCs
KERR-McGEE OIL AND GAS ONSHORE LP

[illegible]

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KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Naphthalene (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		1.2	490	5.8	58	500			2	30	27
SS-108 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-109 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-110 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-111 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-112 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-113 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-114 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-115 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-116 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-117 @ 6"	2/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-118 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-119 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-120 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	36.5	<100	<0.00201	<0.00200	<0.00200
SS-121 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	0.00181	<0.00200	<0.00200
SS-122 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	29.6	<100	<0.00201	<0.00200	<0.00200
SS-123 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-124 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	0.00155	<0.00200	<0.00200
SS-125 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	0.00157	<0.00200	<0.00200
SS-126 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	25.5	<100	<0.00201	<0.00200	<0.00200
SS-127 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	36.7	<100	<0.00201	<0.00200	<0.00200
SS-128 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	47.4	<100	<0.00201	<0.00200	<0.00200
SS-129 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-130 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	48.4	<100	<0.00201	<0.00200	<0.00200
SS-131 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	142	141	<0.00201	<0.00200	<0.00200
SS-132 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-133 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-134 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-135 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-136 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-137 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-138 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-139 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-140 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-141 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-142 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-143 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200

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KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Naphthalene (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		1.2	490	5.8	58	500			2	30	27
SS-144 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	0.0048	<0.00200	<0.00200
SS-145 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-146 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-147 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-148 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-149 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-150 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	31.4	<100	<0.00201	<0.00200	<0.00200
SS-151 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-152 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-153 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-154 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-155 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-156 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-157 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-158 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-159 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-160 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-161 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-162 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-163 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-164 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	58.7	<100	<0.00201	<0.00200	<0.00200
SS-165 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	74.1	<100	<0.00201	<0.00200	<0.00200
SS-166 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-167 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-168 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-169 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-170 @ 3"	3/2/2023	<0.00200	<0.00200	0.0356	<0.00200	667	3520	1860	1.26	5.87	1.65
SS-171 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	1.29	<25.0	<100	<0.00201	0.0106	<0.00200
SS-172 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-173 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	0.703	<25.0	<100	0.00281	<0.00200	<0.00200
SS-174 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	0.373	41.5	<100	0.00267	0.00202	<0.00200
SS-175 @ 3"	3/2/2023	<0.00200	<0.00200	<0.00200	<0.00200	1.51	248	160	0.0183	0.00492	<0.00200
SS-176 @ 9"	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-177 @ 9"	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	0.00183	<0.00200
SS-178 @ 1'	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-179 @ 9"	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-180 @ 9"	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200

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ECMC standards for soil (mg/kg) ⁽²⁾		1.2	490	5.8	58	500			2	30	27
SS-181 @ 2'	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-182 @ 2'	3/9/2023	<0.00200	<0.00200	<0.00200	0.00672	0.265	33.1	<100	0.00347	0.0402	0.0100
SS-183 @ 2'	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-184 @ 2'	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-185 @ 9"	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	87.6	262	<0.00201	<0.00200	<0.00200
SS-186 @ 9"	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-187 @ 9"	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SEP-B01 @ 2'	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SEP-B02 @ 2'	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SEP-B03 @ 2'	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SEP-B04 @ 2'	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SEP-B05 @ 2'	3/9/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-162-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-163-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-165-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-167-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-168-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-169-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-170-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-144-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-122-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-152-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-171-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-153-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-154-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	0.324	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-158-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	0.353	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-159-B01@9"	3/23/2023	<0.00200	<0.00200	<0.00200	<0.00200	0.327	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-172-B01 @ 9"	3/24/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-173-B01 @ 9"	3/24/2023	<0.00200	0.00686	<0.00200	0.014	2.73	25.9	<100	<0.00201	0.0288	0.00792
SS-174-B01 @ 9"	3/24/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-175-B01 @ 9"	3/24/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-188-B01 @ 5'	3/24/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-188-N01 @ 3'	3/24/2023	0.00344	0.0281	0.0433	0.246	2.51	318	<100	0.0251	0.229	0.0701
SS-188-S01 @ 3'	3/24/2023	<0.00200	0.00568	0.00322	0.0343	5.64	<25.0	<100	0.00276	0.0567	0.0163
SS-188-E01 @ 3'	3/24/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	0.00624	<0.00200
SS-188-W01 @ 3'	3/24/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-189 @ 3'	4/28/2023	<0.00200	0.0232	0.0323	0.237	2.95	78.8	<100	0.0095	0.467	0.0705

TABLE 2
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - VOCs
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Naphthalene (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		1.2	490	5.8	58	500			2	30	27
SS-182 @ 2.5'	4/28/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-182-N01 @ 2'	5/1/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-182-S01 @ 2'	5/1/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-182-E01 @ 2'	5/1/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-182-W01 @ 2'	5/1/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-173-B01 @ 2.5'	5/1/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-173-N01 @ 2'	5/1/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-173-S01 @ 2'	5/1/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-173-E01 @ 2'	5/1/2023	<0.00200	<0.00200	0.00224	0.00238	<0.200	<25.0	<100	<0.00201	0.00362	<0.00200
SS-173-E02 @ 2'	5/1/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
SS-173-W01 @ 2'	5/1/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200
Initial Waste Characterization- B01 @ 2.5'	5/1/2023	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.00201	<0.00200	<0.00200

Notes:

⁽²⁾ ECMC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

ECMC = Energy & Carbon Management Commission

< = Analytical result is less than the laboratory reporting limit

mg/kg = milligrams per kilogram

Values presented in **BOLD** contained concentrations exceeding ECMC Table 915-1 Cleanup Concentrations

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics

TPH-DRO = Total petroleum hydrocarbons - diesel range organics

TPH-ORO = Total petroleum hydrocarbons - oil range organics

TMB = Trimethylbenzene

TABLE 3
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - SOIL SUITABILITY FOR RECLAMATION
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Depth (ft. bgs)	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
<i>ECMC standards for soil (mg/kg)</i> ⁽¹⁾			6 - 8.3	<6	<4	2
Initial Waste Characterization @ 3"	2/22/2023	0.25	7.88	1.86	0.650	0.183

Notes:

⁽¹⁾ Standards for soil are taken from ECMC Table 915-1, effective January 15, 2021

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit

ft. bgs = Feet below ground surface

mmhos/cm = Millimhos per centimeter

mg/L = Milligrams per liter

SAR = Sodium Absorption Ratio

EC = Electrical Conductivity

TABLE 4
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - PAHs
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	1-Methyl-naphthalene (mg/kg)	2-Methyl-naphthalene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)-anthracene (mg/kg)	Benzo(a)-pyrene (mg/kg)	Benzo(b)-fluoranthene (mg/kg)	Benzo(k)-fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)-anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Ideno(1,2,3-cd)-pyrene (mg/kg)	Pyrene (mg/kg)
ECMC standards for soil (mg/kg)⁽²⁾		18	24	360	1,800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180
Initial Waste Characterization @ 3"	2/22/2023	10.6	13.9	0.661	0.121	0.0856	0.034	0.0306	<0.0219	0.402	<0.0307	0.0321	1.83	<0.0314	0.207
SS-01 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00071	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-02 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-03 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00113	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-04 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00121	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-05 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000569	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-06 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000707	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-07 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00111	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-08 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000581	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-09 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00137	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-10 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00136	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-11 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00141	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-12 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00184	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-13 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000712	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-14 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000936	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-15 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00189	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-16 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000674	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-17 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-18 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000613	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-19 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00143	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-20 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00123	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-21 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000815	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-22 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00134	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-23 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.0012	NA	NA	NA	NA	NA	NA	0.000315	NA	NA
SS-24 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000811	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-25 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000718	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-26 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-27 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000562	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-28 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-29 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000574	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-30 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-31 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000919	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-32 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000773	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-33 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000493	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-34 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-35 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-36 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-37 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-38 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00106	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-39 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00159	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-40 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-41 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-42 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-43 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-44 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-45 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-46 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00181	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-47 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00194	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-48 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00123	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-49 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-50 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00123	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-51 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-52 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-53 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA

TABLE 4
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - PAHs
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	1-Methyl-naphthalene (mg/kg)	2-Methyl-naphthalene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)-anthracene (mg/kg)	Benzo(a)-pyrene (mg/kg)	Benzo(b)-fluoranthene (mg/kg)	Benzo(k)-fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)-anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Ideno(1,2,3-cd)-pyrene (mg/kg)	Pyrene (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		18	24	360	1,800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180
SS-54 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-55 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000731	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-56 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00108	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-57 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000549	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-58 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00145	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-59 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-60 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-61 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-62 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-63 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-64 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-65 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-66 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-67 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-68 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-69 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-70 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-71 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-72 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-73 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-74 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	0.000329	NA	NA
SS-75 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-76 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-77 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-78 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-79 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-80 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-81 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-82 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	0.000374	NA	NA
SS-83 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-84 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000636	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-85 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-86 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-87 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-88 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-89 @ 6"	3/1/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-90 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-91 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-92 @ 6"	2/28/2023	<0.00201	<0.00201	0.000564	NA	<0.00067	NA	NA	NA	NA	NA	NA	0.00153	NA	NA
SS-93 @ 6"	3/1/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-94 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-95 @ 6"	2/28/2023	<0.00201	<0.00201	0.00044	NA	<0.00067	NA	NA	NA	NA	NA	NA	0.00115	NA	NA
SS-96 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	0.00053	NA	NA
SS-97 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-98 @ 6"	2/28/2023	<0.00201	<0.00201	0.000436	NA	<0.00067	NA	NA	NA	NA	NA	NA	0.00113	NA	NA
SS-99 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-100 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.000743	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-101 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	0.00056	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-102 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-103 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-104 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-105 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-106 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	0.000669	NA	NA
SS-107 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-108 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-109 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA

TABLE 4
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - PAHs
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	1-Methyl-naphthalene (mg/kg)	2-Methyl-naphthalene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)-anthracene (mg/kg)	Benzo(a)-pyrene (mg/kg)	Benzo(b)-fluoranthene (mg/kg)	Benzo(k)-fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)-anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Ideno(1,2,3-cd)-pyrene (mg/kg)	Pyrene (mg/kg)
ECMC standards for soil (mg/kg)⁽²⁾		18	24	360	1,800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180
SS-110 @ 6"	2/28/2023	0.0014	0.0023	0.000504	NA	<0.00067	NA	NA	NA	NA	NA	NA	0.0016	NA	NA
SS-111 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-112 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-113 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	0.000326	NA	NA
SS-114 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-115 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-116 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-117 @ 6"	2/28/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-118 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-119 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.000778	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-120 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.00193	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-121 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.000991	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-122 @ 3"	3/2/2023	<0.00201	<0.00201	0.000823	NA	0.0398	NA	NA	NA	NA	NA	NA	0.000809	NA	NA
SS-123 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.00103	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-124 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-125 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-126 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-127 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-128 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.00068	NA	NA	NA	NA	NA	NA	0.000386	NA	NA
SS-129 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.00134	NA	NA	NA	NA	NA	NA	0.0003	NA	NA
SS-130 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.00183	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-131 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.00134	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-132 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.000689	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-133 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.00053	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-134 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.00186	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-135 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-136 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.000848	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-137 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.00132	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-138 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.00152	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-139 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-140 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.000511	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-141 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.000683	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-142 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.000519	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-143 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.00159	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-144 @ 3"	3/2/2023	0.0035	0.00464	0.000357	NA	0.000939	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-145 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-146 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.000559	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-147 @ 3"	3/2/2023	<0.00201	<0.00201	0.000314	NA	0.000575	NA	NA	NA	NA	NA	NA	0.00031	NA	NA
SS-148 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.000846	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-149 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.000554	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-150 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.0006	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-151 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-152 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-153 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-154 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-155 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-156 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-157 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-158 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-159 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-160 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	0.000917	NA	NA
SS-161 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-162 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-163 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	0.00178	NA	NA	NA	NA	NA	NA	0.00315	NA	NA
SS-164 @ 3"	3/2/2023	0.00231	0.0036	0.00165	NA	0.00377	NA	NA	NA	NA	NA	NA	0.00915	NA	NA
SS-165 @ 3"	3/2/2023	0.00161	0.00207	0.00258	NA	0.00204	NA	NA	NA	NA	NA	NA	0.0115	NA	NA

TABLE 4
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - PAHS
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	1-Methyl-naphthalene (mg/kg)	2-Methyl-naphthalene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)-anthracene (mg/kg)	Benzo(a)-pyrene (mg/kg)	Benzo(b)-fluoranthene (mg/kg)	Benzo(k)-fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)-anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Ideno(1,2,3-cd)-pyrene (mg/kg)	Pyrene (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		18	24	360	1,800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180
SS-166 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-167 @ 3"	3/2/2023	<0.00201	<0.00201	<0.00067	NA	<0.00067	NA	NA	NA	NA	NA	NA	<0.00067	NA	NA
SS-168 @ 3"	3/2/2023	0.015	0.0178	0.00825	NA	0.00117	NA	NA	NA	NA	NA	NA	0.0289	NA	NA
SS-169 @ 3"	3/2/2023	0.0098	0.0156	0.00343	NA	0.00123	NA	NA	NA	NA	NA	NA	0.0135	NA	NA
SS-170 @ 3"	3/2/2023	4.95	6.88	0.299	NA	0.0645	NA	NA	NA	NA	NA	NA	0.89	NA	NA
SS-171 @ 3"	3/2/2023	0.00718	0.0116	0.000949	NA	<0.00067	NA	NA	NA	NA	NA	NA	0.00354	NA	NA
SS-172 @ 3"	3/2/2023	<0.00201	<0.00201	0.000368	NA	<0.00067	NA	NA	NA	NA	NA	NA	0.00196	NA	NA
SS-173 @ 3"	3/2/2023	0.0345	0.0606	0.00838	NA	0.00317	NA	NA	NA	NA	NA	NA	0.0286	NA	NA
SS-174 @ 3"	3/2/2023	0.0251	0.0404	0.00606	NA	0.00252	NA	NA	NA	NA	NA	NA	0.0247	NA	NA
SS-175 @ 3"	3/2/2023	0.22	0.315	0.0402	NA	0.0194	NA	NA	NA	NA	NA	NA	0.136	NA	NA
SS-176 @ 9"	3/9/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-177 @ 9"	3/9/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-178 @ 1'	3/9/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-179 @ 9"	3/9/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-180 @ 9"	3/9/2023	0.00528	0.00526	0.00139	0.000518	<0.00067	0.000526	<0.00067	NA	0.00232	NA	<0.00067	0.00416	NA	0.00117
SS-181 @ 2'	3/9/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-182 @ 2'	3/9/2023	0.0563	0.0147	0.0121	0.0011	0.00209	0.000641	0.00074	NA	0.0118	NA	0.00085	0.0358	NA	0.00554
SS-183 @ 2'	3/9/2023	0.00434	0.00722	0.00256	<0.00067	<0.00067	0.000511	<0.00067	NA	0.0033	NA	<0.00067	0.00916	NA	0.00159
SS-184 @ 2'	3/9/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-185 @ 9"	3/9/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-186 @ 9"	3/9/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-187 @ 9"	3/9/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SEP-B01 @ 2'	3/9/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SEP-B02 @ 2'	3/9/2023	<0.00201	<0.00201	0.000438	<0.00067	<0.00067	<0.00067	<0.00067	NA	0.00118	NA	<0.00067	0.00112	NA	<0.00067
SEP-B03 @ 2'	3/9/2023	<0.00201	<0.00201	0.000398	<0.00067	<0.00067	<0.00067	<0.00067	NA	0.000817	NA	<0.00067	0.000916	NA	<0.00067
SEP-B04 @ 2'	3/9/2023	<0.00201	<0.00201	0.000639	0.000815	0.000646	0.000715	<0.00067	NA	0.00482	NA	0.000623	0.00271	NA	0.00231
SEP-B05 @ 2'	3/9/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-162-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-163-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-165-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-167-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	0.00063	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-168-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-169-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-170-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-144-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	0.00208	0.00406	0.00271	NA	0.00379	NA	0.00524	<0.00067	NA	0.00501
SS-122-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	0.00051	0.00241	0.00142	NA	0.00263	NA	0.00285	<0.00067	NA	0.00218
SS-152-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-171-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	0.000523	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-153-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	0.000597	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-154-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-158-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	0.000595	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-159-B01@9"	3/23/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-172-B01 @ 9"	3/24/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-173-B01 @ 9"	3/24/2023	0.00527	0.00734	0.00162	<0.00067	0.00154	0.000647	<0.00067	NA	0.0023	NA	<0.00067	0.00647	NA	0.00135
SS-174-B01 @ 9"	3/24/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	0.000616	NA	<0.00067
SS-175-B01 @ 9"	3/24/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-188-B01 @ 5'	3/24/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-188-N01 @ 3'	3/24/2023	0.115	0.13	0.00618	0.00195	0.00112	<0.00067	<0.00067	NA	0.00841	NA	0.00074	0.0268	NA	0.00318
SS-188-S01 @ 3'	3/24/2023	0.0287	0.0389	0.00398	0.000525	0.00209	0.000632	0.000942	NA	0.00368	NA	0.00046	0.0132	NA	0.00193
SS-188-E01 @ 3'	3/24/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-188-W01 @ 3'	3/24/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-189 @ 3'	4/28/2023	0.102	0.0761	0.0115	<0.00067	0.00491	<0.00067	<0.00067	NA	0.0109	NA	0.000904	0.0359	NA	0.00477
SS-182 @ 2.5'	4/28/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-182-N01 @ 2'	5/1/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-182-S01 @ 2'	5/1/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067

TABLE 4
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - PAHs
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	1-Methyl-naphthalene (mg/kg)	2-Methyl-naphthalene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)-anthracene (mg/kg)	Benzo(a)-pyrene (mg/kg)	Benzo(b)-fluoranthene (mg/kg)	Benzo(k)-fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)-anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Ideno(1,2,3-cd)-pyrene (mg/kg)	Pyrene (mg/kg)
ECMC standards for soil (mg/kg)⁽²⁾		18	24	360	1,800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180
SS-182-E01 @ 2'	5/1/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-182-W01 @ 2'	5/1/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-173-B01 @ 2.5'	5/1/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-173-N01 @ 2'	5/1/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	0.000742	NA	<0.00067	<0.00067	NA	<0.00067
SS-173-S01 @ 2'	5/1/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-173-E01 @ 2'	5/1/2023	0.00197	0.00277	0.000464	<0.00067	<0.00067	<0.00067	<0.00067	NA	0.0017	NA	<0.00067	0.00227	NA	<0.00067
SS-173-E02 @ 2'	5/1/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
SS-173-W01 @ 2'	5/1/2023	<0.00201	<0.00201	<0.00067	<0.00067	<0.00067	<0.00067	<0.00067	NA	<0.00067	NA	<0.00067	<0.00067	NA	<0.00067
Initial Waste Characterization- B01 @ 2.5'	5/1/2023	0.00334	0.00479	0.00048	<0.00067	<0.00067	<0.00067	<0.00067	NA	0.00137	NA	<0.00067	0.00221	NA	<0.00067

Notes:

⁽²⁾ Standards for soil are taken from ECMC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

ECMC = Colorado Oil and Gas Conservation Commission

ECMC = Energy & Carbon Management Commission

mg/kg = milligrams per kilogram

PAH = Polycyclic Aromatic Hydrocarbons

Values presented in **BOLD** contained concentrations exceeding ECMC Table 915-1 Cleanup Concentrations

NA = Not Analyzed

TABLE 5
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - METALS
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits		9.82	778.75	0.651	NA	77	NA	22	1.26	NA	NA
Initial Waste Characterization @ 3"	2/22/2023	5.54*	146	0.117	<0.247*	26.2	<9.25	9.96	0.172	<0.0925	<92.5
SS-01 @ 6"	2/28/2023	4.06*	159	NA	NA	NA	NA	NA	NA	NA	NA
SS-02 @ 6"	2/28/2023	4.28*	116	NA	NA	NA	NA	NA	NA	NA	NA
SS-03 @ 6"	2/28/2023	3.54*	141	NA	NA	NA	NA	NA	NA	NA	NA
SS-04 @ 6"	2/28/2023	4.44*	138	NA	NA	NA	NA	NA	NA	NA	NA
SS-05 @ 6"	2/28/2023	4.08*	137	NA	NA	NA	NA	NA	NA	NA	NA
SS-06 @ 6"	2/28/2023	4.10*	122	NA	NA	NA	NA	NA	NA	NA	NA
SS-07 @ 6"	2/28/2023	4.03*	165	NA	NA	NA	NA	NA	NA	NA	NA
SS-08 @ 6"	2/28/2023	3.47*	128	NA	NA	NA	NA	NA	NA	NA	NA
SS-09 @ 6"	2/28/2023	4.13*	169	NA	NA	NA	NA	NA	NA	NA	NA
SS-10 @ 6"	2/28/2023	3.52*	140	NA	NA	NA	NA	NA	NA	NA	NA
SS-11 @ 6"	2/28/2023	4.16*	155	NA	NA	NA	NA	NA	NA	NA	NA
SS-12 @ 6"	2/28/2023	4.56*	170	NA	NA	NA	NA	NA	NA	NA	NA
SS-13 @ 6"	2/28/2023	2.97*	100	NA	NA	NA	NA	NA	NA	NA	NA
SS-14 @ 6"	2/28/2023	3.43*	131	NA	NA	NA	NA	NA	NA	NA	NA
SS-15 @ 6"	2/28/2023	3.89*	138	NA	NA	NA	NA	NA	NA	NA	NA
SS-16 @ 6"	2/28/2023	3.67*	142	NA	NA	NA	NA	NA	NA	NA	NA
SS-17 @ 6"	2/28/2023	4.84*	132	NA	NA	NA	NA	NA	NA	NA	NA
SS-18 @ 6"	2/28/2023	3.34*	122	NA	NA	NA	NA	NA	NA	NA	NA
SS-19 @ 6"	2/28/2023	4.13*	147	NA	NA	NA	NA	NA	NA	NA	NA
SS-20 @ 6"	2/28/2023	4.06*	156	NA	NA	NA	NA	NA	NA	NA	NA
SS-21 @ 6"	2/28/2023	3.64*	134	NA	NA	NA	NA	NA	NA	NA	NA
SS-22 @ 6"	2/28/2023	3.81*	141	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 5
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - METALS
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits		9.82	778.75	0.651	NA	77	NA	22	1.26	NA	NA
SS-23 @ 6"	2/28/2023	3.12*	115	NA	NA	NA	NA	NA	NA	NA	NA
SS-24 @ 6"	2/28/2023	4.35*	149	NA	NA	NA	NA	NA	NA	NA	NA
SS-25 @ 6"	2/28/2023	3.00*	124	NA	NA	NA	NA	NA	NA	NA	NA
SS-26 @ 6"	2/28/2023	4.03*	154	NA	NA	NA	NA	NA	NA	NA	NA
SS-27 @ 6"	2/28/2023	4.34*	111	NA	NA	NA	NA	NA	NA	NA	NA
SS-28 @ 6"	2/28/2023	3.36*	112	NA	NA	NA	NA	NA	NA	NA	NA
SS-29 @ 6"	2/28/2023	2.83*	113	NA	NA	NA	NA	NA	NA	NA	NA
SS-30 @ 6"	2/28/2023	3.70*	121	NA	NA	NA	NA	NA	NA	NA	NA
SS-31 @ 6"	2/28/2023	3.51*	124	NA	NA	NA	NA	NA	NA	NA	NA
SS-32 @ 6"	2/28/2023	3.14*	103	NA	NA	NA	NA	NA	NA	NA	NA
SS-33 @ 6"	2/28/2023	3.57*	126	NA	NA	NA	NA	NA	NA	NA	NA
SS-34 @ 6"	2/28/2023	4.31*	122	NA	NA	NA	NA	NA	NA	NA	NA
SS-35 @ 6"	2/28/2023	4.58*	127	NA	NA	NA	NA	NA	NA	NA	NA
SS-36 @ 6"	2/28/2023	5.33*	163	NA	NA	NA	NA	NA	NA	NA	NA
SS-37 @ 6"	2/28/2023	4.92*	129	NA	NA	NA	NA	NA	NA	NA	NA
SS-38 @ 6"	2/28/2023	4.42*	126	NA	NA	NA	NA	NA	NA	NA	NA
SS-39 @ 6"	2/28/2023	3.49*	131	NA	NA	NA	NA	NA	NA	NA	NA
SS-40 @ 6"	2/28/2023	4.05*	111	NA	NA	NA	NA	NA	NA	NA	NA
SS-41 @ 6"	2/28/2023	5.14*	113	NA	NA	NA	NA	NA	NA	NA	NA
SS-42 @ 6"	2/28/2023	4.61*	145	NA	NA	NA	NA	NA	NA	NA	NA
SS-43 @ 6"	2/28/2023	4.53*	128	NA	NA	NA	NA	NA	NA	NA	NA
SS-44 @ 6"	2/28/2023	3.94*	129	NA	NA	NA	NA	NA	NA	NA	NA
SS-45 @ 6"	2/28/2023	4.11*	102	NA	NA	NA	NA	NA	NA	NA	NA
SS-46 @ 6"	2/28/2023	3.79*	141	NA	NA	NA	NA	NA	NA	NA	NA
SS-47 @ 6"	2/28/2023	3.69*	145	NA	NA	NA	NA	NA	NA	NA	NA
SS-48 @ 6"	2/28/2023	3.60*	149	NA	NA	NA	NA	NA	NA	NA	NA
SS-49 @ 6"	2/28/2023	4.57*	157	NA	NA	NA	NA	NA	NA	NA	NA
SS-50 @ 6"	2/28/2023	5.37*	139	NA	NA	NA	NA	NA	NA	NA	NA
SS-51 @ 6"	2/28/2023	4.87*	130	NA	NA	NA	NA	NA	NA	NA	NA
SS-52 @ 6"	2/28/2023	4.65*	122	NA	NA	NA	NA	NA	NA	NA	NA
SS-53 @ 6"	2/28/2023	5.07*	138	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 5
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - METALS
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits		9.82	778.75	0.651	NA	77	NA	22	1.26	NA	NA
SS-54 @ 6"	2/28/2023	5.29*	152	NA	NA	NA	NA	NA	NA	NA	NA
SS-55 @ 6"	2/28/2023	3.80*	137	NA	NA	NA	NA	NA	NA	NA	NA
SS-56 @ 6"	2/28/2023	3.73*	139	NA	NA	NA	NA	NA	NA	NA	NA
SS-57 @ 6"	2/28/2023	4.15*	133	NA	NA	NA	NA	NA	NA	NA	NA
SS-58 @ 6"	2/28/2023	5.32*	180	NA	NA	NA	NA	NA	NA	NA	NA
SS-59 @ 6"	2/28/2023	4.79*	145	NA	NA	NA	NA	NA	NA	NA	NA
SS-60 @ 6"	2/28/2023	4.61*	141	NA	NA	NA	NA	NA	NA	NA	NA
SS-61 @ 6"	2/28/2023	5.37*	143	NA	NA	NA	NA	NA	NA	NA	NA
SS-62 @ 6"	2/28/2023	4.47*	129	NA	NA	NA	NA	NA	NA	NA	NA
SS-63 @ 6"	2/28/2023	4.37*	129	NA	NA	NA	NA	NA	NA	NA	NA
SS-64 @ 6"	2/28/2023	4.21*	128	NA	NA	NA	NA	NA	NA	NA	NA
SS-65 @ 6"	2/28/2023	5.21*	168	NA	NA	NA	NA	NA	NA	NA	NA
SS-66 @ 6"	2/28/2023	3.49*	104	NA	NA	NA	NA	NA	NA	NA	NA
SS-67 @ 6"	2/28/2023	6.64*	175	NA	NA	NA	NA	NA	NA	NA	NA
SS-68 @ 6"	2/28/2023	5.67*	134	NA	NA	NA	NA	NA	NA	NA	NA
SS-69 @ 6"	2/28/2023	4.40*	107	NA	NA	NA	NA	NA	NA	NA	NA
SS-70 @ 6"	2/28/2023	4.10*	107	NA	NA	NA	NA	NA	NA	NA	NA
SS-71 @ 6"	2/28/2023	5.70*	145	NA	NA	NA	NA	NA	NA	NA	NA
SS-72 @ 6"	2/28/2023	3.70*	103	NA	NA	NA	NA	NA	NA	NA	NA
SS-73 @ 6"	2/28/2023	2.60*	72	NA	NA	NA	NA	NA	NA	NA	NA
SS-74 @ 6"	2/28/2023	4.05*	109	NA	NA	NA	NA	NA	NA	NA	NA
SS-75 @ 6"	2/28/2023	4.75*	129	NA	NA	NA	NA	NA	NA	NA	NA
SS-76 @ 6"	2/28/2023	4.67*	120	NA	NA	NA	NA	NA	NA	NA	NA
SS-77 @ 6"	2/28/2023	5.05*	133	NA	NA	NA	NA	NA	NA	NA	NA
SS-78 @ 6"	2/28/2023	4.56*	119	NA	NA	NA	NA	NA	NA	NA	NA
SS-79 @ 6"	2/28/2023	4.69*	125	NA	NA	NA	NA	NA	NA	NA	NA
SS-80 @ 6"	2/28/2023	4.91*	122	NA	NA	NA	NA	NA	NA	NA	NA
SS-81 @ 6"	2/28/2023	4.48*	133	NA	NA	NA	NA	NA	NA	NA	NA
SS-82 @ 6"	2/28/2023	4.58*	134	NA	NA	NA	NA	NA	NA	NA	NA
SS-83 @ 6"	2/28/2023	4.21*	107	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 5
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - METALS
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits		9.82	778.75	0.651	NA	77	NA	22	1.26	NA	NA
SS-84 @ 6"	2/28/2023	4.77*	126	NA	NA	NA	NA	NA	NA	NA	NA
SS-85 @ 6"	2/28/2023	3.69*	107	NA	NA	NA	NA	NA	NA	NA	NA
SS-86 @ 6"	2/28/2023	4.09*	109	NA	NA	NA	NA	NA	NA	NA	NA
SS-87 @ 6"	2/28/2023	4.44*	119	NA	NA	NA	NA	NA	NA	NA	NA
SS-88 @ 6"	2/28/2023	3.44*	97	NA	NA	NA	NA	NA	NA	NA	NA
SS-89 @ 6"	3/1/2023	4.90*	149	0.222	NA	10.6	NA	12.20	0.315	NA	NA
SS-90 @ 6"	2/28/2023	4.41*	139	NA	NA	NA	NA	NA	NA	NA	NA
SS-91 @ 6"	2/28/2023	3.99*	124	NA	NA	NA	NA	NA	NA	NA	NA
SS-92 @ 6"	2/28/2023	4.64*	138	NA	NA	NA	NA	NA	NA	NA	NA
SS-93 @ 6"	3/1/2023	4.86*	139	0.224	NA	10.3	NA	11.90	0.300	NA	NA
SS-94 @ 6"	2/28/2023	4.47*	132	NA	NA	NA	NA	NA	NA	NA	NA
SS-95 @ 6"	2/28/2023	4.57*	138	NA	NA	NA	NA	NA	NA	NA	NA
SS-96 @ 6"	2/28/2023	4.97*	145	NA	NA	NA	NA	NA	NA	NA	NA
SS-97 @ 6"	2/28/2023	4.22*	125	NA	NA	NA	NA	NA	NA	NA	NA
SS-98 @ 6"	2/28/2023	4.94*	135	NA	NA	NA	NA	NA	NA	NA	NA
SS-99 @ 6"	2/28/2023	4.64*	136	NA	NA	NA	NA	NA	NA	NA	NA
SS-100 @ 6"	2/28/2023	4.51*	133	NA	NA	NA	NA	NA	NA	NA	NA
SS-101 @ 6"	2/28/2023	4.28*	134	NA	NA	NA	NA	NA	NA	NA	NA
SS-102 @ 6"	2/28/2023	3.71*	110	NA	NA	NA	NA	NA	NA	NA	NA
SS-103 @ 6"	2/28/2023	3.44*	94	NA	NA	NA	NA	NA	NA	NA	NA
SS-104 @ 6"	2/28/2023	3.98*	117	NA	NA	NA	NA	NA	NA	NA	NA
SS-105 @ 6"	2/28/2023	4.68*	139	NA	NA	NA	NA	NA	NA	NA	NA
SS-106 @ 6"	2/28/2023	4.88*	136	NA	NA	NA	NA	NA	NA	NA	NA
SS-107 @ 6"	2/28/2023	4.44*	123	NA	NA	NA	NA	NA	NA	NA	NA
SS-108 @ 6"	2/28/2023	5.30*	148	NA	NA	NA	NA	NA	NA	NA	NA
SS-109 @ 6"	2/28/2023	5.47*	241	NA	NA	NA	NA	NA	NA	NA	NA
SS-110 @ 6"	2/28/2023	5.49*	213	NA	NA	NA	NA	NA	NA	NA	NA
SS-111 @ 6"	2/28/2023	5.42*	298	NA	NA	NA	NA	NA	NA	NA	NA
SS-112 @ 6"	2/28/2023	4.98*	131	NA	NA	NA	NA	NA	NA	NA	NA
SS-113 @ 6"	2/28/2023	4.73*	132	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 5
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - METALS
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits		9.82	778.75	0.651	NA	77	NA	22	1.26	NA	NA
SS-114 @ 6"	2/28/2023	4.87*	132	NA	NA	NA	NA	NA	NA	NA	NA
SS-115 @ 6"	2/28/2023	4.81*	134	NA	NA	NA	NA	NA	NA	NA	NA
SS-116 @ 6"	2/28/2023	4.26*	123	NA	NA	NA	NA	NA	NA	NA	NA
SS-117 @ 6"	2/28/2023	5.83*	163	NA	NA	NA	NA	NA	NA	NA	NA
SS-118 @ 3"	3/2/2023	3.86*	118	0.219	NA	9.3	NA	10.0	0.267	NA	NA
SS-119 @ 3"	3/2/2023	2.74*	100	0.225	NA	<9.42	NA	9.76	0.601	NA	NA
SS-120 @ 3"	3/2/2023	3.69*	118	0.200	NA	<9.20	NA	10.6	0.494	NA	NA
SS-121 @ 3"	3/2/2023	3.27*	121	0.207	NA	<9.14	NA	11.4	0.714	NA	NA
SS-122 @ 3"	3/2/2023	3.94*	141	NA	NA	NA	NA	NA	NA	NA	NA
SS-123 @ 3"	3/2/2023	2.83*	95.5	0.152	NA	<9.71	NA	<9.71	0.858	NA	NA
SS-124 @ 3"	3/2/2023	3.54*	162	0.225	NA	<9.67	NA	<9.67	0.224	NA	NA
SS-125 @ 3"	3/2/2023	3.08*	86.3	0.128	NA	<8.62	NA	<8.62	0.496	NA	NA
SS-126 @ 3"	3/2/2023	4.45*	125	0.179	NA	9.76	NA	11.5	0.277	NA	NA
SS-127 @ 3"	3/2/2023	3.61*	139	0.272	NA	9.73	NA	11.8	0.587	NA	NA
SS-128 @ 3"	3/2/2023	4.36*	129	0.334	NA	10.9	NA	10.9	0.270	NA	NA
SS-129 @ 3"	3/2/2023	4.26*	187	0.403	NA	14.5	NA	16.0	0.783	NA	NA
SS-130 @ 3"	3/2/2023	3.63*	164	0.399	NA	12.7	NA	14.1	0.689	NA	NA
SS-131 @ 3"	3/2/2023	4.03*	173	0.425	NA	16.5	NA	14.7	0.875	NA	NA
SS-132 @ 3"	3/2/2023	3.29*	143	0.349	NA	13.0	NA	12.6	0.834	NA	NA
SS-133 @ 3"	3/2/2023	3.06*	126	0.281	NA	11.0	NA	11.8	0.720	NA	NA
SS-134 @ 3"	3/2/2023	3.89*	164	0.328	NA	13.1	NA	15.1	0.828	NA	NA
SS-135 @ 3"	3/2/2023	3.38*	105	0.218	NA	8.74	NA	9.74	0.844	NA	NA
SS-136 @ 3"	3/2/2023	3.11*	116	0.191	NA	<9.80	NA	10.7	0.537	NA	NA
SS-137 @ 3"	3/2/2023	3.04*	130	0.202	NA	9.43	NA	11.9	0.548	NA	NA
SS-138 @ 3"	3/2/2023	3.13*	121	0.199	NA	<9.10	NA	11.4	0.562	NA	NA
SS-139 @ 3"	3/2/2023	2.72*	84.3	0.136	NA	<9.47	NA	<9.47	0.627	NA	NA
SS-140 @ 3"	3/2/2023	3.57*	147	0.324	NA	13.1	NA	13.9	0.755	NA	NA
SS-141 @ 3"	3/2/2023	3.09*	117	0.194	NA	<9.40	NA	11.8	0.402	NA	NA
SS-142 @ 3"	3/2/2023	3.28*	141	0.257	NA	11.2	NA	13.5	0.554	NA	NA

TABLE 5
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - METALS
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits		9.82	778.75	0.651	NA	77	NA	22	1.26	NA	NA
SS-143 @ 3"	3/2/2023	2.28*	65.7	0.105	NA	<8.78	NA	<8.78	0.429	NA	NA
SS-144 @ 3"	3/2/2023	2.41*	96.9	NA	NA	NA	NA	NA	NA	NA	NA
SS-145 @ 3"	3/2/2023	2.37*	78.6	0.126	NA	<8.70	NA	<8.70	0.474	NA	NA
SS-146 @ 3"	3/2/2023	2.13*	62.9	0.112	NA	<9.94	NA	<9.94	0.495	NA	NA
SS-147 @ 3"	3/2/2023	2.98*	94.7	0.140	NA	<8.53	NA	<8.53	0.357	NA	NA
SS-148 @ 3"	3/2/2023	3.36*	139	0.228	NA	9.36	NA	11.4	0.524	NA	NA
SS-149 @ 3"	3/2/2023	3.59*	155	0.266	NA	11.6	NA	14.5	0.560	NA	NA
SS-150 @ 3"	3/2/2023	3.13*	120	0.215	NA	<9.79	NA	11.3	0.723	NA	NA
SS-151 @ 3"	3/2/2023	2.81*	109	0.181	NA	<8.68	NA	9.79	0.528	NA	NA
SS-152 @ 3"	3/2/2023	8.88*	88.5	NA	NA	NA	NA	NA	NA	NA	NA
SS-153 @ 3"	3/2/2023	7.98*	196	NA	NA	NA	NA	NA	NA	NA	NA
SS-154 @ 3"	3/2/2023	8.64*	225	NA	NA	NA	NA	NA	NA	NA	NA
SS-155 @ 3"	3/2/2023	5.85*	146	<0.0895	NA	87.8	NA	11.7	0.103	NA	NA
SS-156 @ 3"	3/2/2023	6.05*	183	0.147	NA	18.4	NA	11.4	0.248	NA	NA
SS-157 @ 3"	3/2/2023	6.59*	155	<0.0928	NA	82.3	NA	9.33	0.195	NA	NA
SS-158 @ 3"	3/2/2023	17.3	207	NA	NA	NA	NA	NA	NA	NA	NA
SS-159 @ 3"	3/2/2023	9.19*	173	NA	NA	NA	NA	NA	NA	NA	NA
SS-160 @ 3"	3/2/2023	6.50*	179	<0.0946	NA	120	NA	<9.46	0.131	NA	NA
SS-161 @ 3"	3/2/2023	6.24*	102	<0.0839	NA	389	NA	<8.39	0.153	NA	NA
SS-162 @ 3"	3/2/2023	112	124	NA	NA	NA	NA	NA	NA	NA	NA
SS-163 @ 3"	3/2/2023	7.23*	161	NA	NA	NA	NA	NA	NA	NA	NA
SS-164 @ 3"	3/2/2023	6.87*	101	<0.0964	NA	19.3	NA	10.6	0.141	NA	NA
SS-165 @ 3"	3/2/2023	13.7	120	<0.0933	NA	37.6	NA	<9.33	0.180	NA	NA
SS-166 @ 3"	3/2/2023	6.99*	105	<0.0930	NA	26.3	NA	<9.30	0.136	NA	NA
SS-167 @ 3"	3/2/2023	9.08*	199	NA	NA	NA	NA	NA	NA	NA	NA
SS-168 @ 3"	3/2/2023	4.96*	436	<0.0972	NA	45.2	NA	29.2	0.161	NA	NA
SS-169 @ 3"	3/2/2023	7.66*	150	<0.0949	NA	34.3	NA	<9.49	0.185	NA	NA
SS-170 @ 3"	3/2/2023	7.78*	173	0.498	NA	59.8	NA	13.6	0.313	NA	NA
SS-171 @ 3"	3/2/2023	11.0	138	0.343	NA	43.0	NA	10.2	0.239	NA	NA

TABLE 5
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - METALS
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits		9.82	778.75	0.651	NA	77	NA	22	1.26	NA	NA
SS-172 @ 3"	3/2/2023	8.10*	148	<0.0839	NA	53.9	NA	10.8	0.182	NA	NA
SS-173 @ 3"	3/2/2023	6.82*	160	0.131	NA	23.0	NA	<9.95	0.185	NA	NA
SS-174 @ 3"	3/2/2023	7.28*	111	<0.0884	NA	31.2	NA	9.99	0.140	NA	NA
SS-175 @ 3"	3/2/2023	6.95*	213	NA	NA	NA	NA	NA	NA	NA	NA
SS-176 @ 9"	3/9/2023	5.07*	209	0.182	NA	10.6	NA	11.5	0.229	NA	NA
SS-177 @ 9"	3/9/2023	4.78*	204	0.188	NA	8.63	NA	11.6	0.170	NA	NA
SS-178 @ 1'	3/9/2023	4.86*	186	0.159	NA	10.1	NA	12.5	0.227	NA	NA
SS-179 @ 9"	3/9/2023	4.58*	201	0.171	NA	12.5	NA	12.1	0.162	NA	NA
SS-180 @ 9"	3/9/2023	4.72*	191	0.158	NA	10.1	NA	11.4	0.168	NA	NA
SS-181 @ 2'	3/9/2023	3.68*	165	0.129	NA	<9.96	NA	<9.96	0.180	NA	NA
SS-182 @ 2'	3/9/2023	2.97*	118	<0.0997	NA	<9.97	NA	<9.97	<0.0997	NA	NA
SS-183 @ 2'	3/9/2023	3.23*	164	0.0968	NA	9.28	NA	<8.97	0.152	NA	NA
SS-184 @ 2'	3/9/2023	4.99*	189	0.177	NA	<9.71	NA	12.7	0.261	NA	NA
SS-185 @ 9"	3/9/2023	4.79*	188	0.145	NA	15.0	NA	11.6	0.236	NA	NA
SS-186 @ 9"	3/9/2023	3.95*	168	0.119	NA	9.38	NA	9.28	0.196	NA	NA
SS-187 @ 9"	3/9/2023	6.51*	224	0.188	NA	15.6	NA	16.2	0.237	NA	NA
SEP-B01 @ 2'	3/9/2023	4.19*	137	0.157	NA	<9.69	NA	<9.69	0.145	NA	NA
SEP-B02 @ 2'	3/9/2023	4.80*	136	0.107	NA	9.98	NA	<9.73	0.320	NA	NA
SEP-B03 @ 2'	3/9/2023	5.00*	171	0.118	NA	13.1	NA	9.32	0.163	NA	NA
SEP-B04 @ 2'	3/9/2023	3.16*	99.6	<0.0890	NA	13.4	NA	<8.90	0.118	NA	NA
SEP-B05 @ 2'	3/9/2023	3.48*	107	<0.0873	NA	<8.73	NA	<8.73	0.175	NA	NA
SS-162-B01@9"	3/23/2023	5.42*	156	0.175	NA	11.4	NA	13.9	0.209	NA	NA
SS-163-B01@9"	3/23/2023	6.32*	192	0.184	NA	13.4	NA	16.0	0.278	NA	NA
SS-165-B01@9"	3/23/2023	5.73*	157	0.195	NA	12.6	NA	15.2	0.255	NA	NA
SS-167-B01@9"	3/23/2023	6.02*	200	0.236	NA	12.9	NA	16.0	0.252	NA	NA
SS-168-B01@9"	3/23/2023	7.61*	208	0.205	NA	13.9	NA	15.6	0.289	NA	NA
SS-169-B01@9"	3/23/2023	6.03*	195	0.225	NA	14.0	NA	16.0	0.286	NA	NA
SS-170-B01@9"	3/23/2023	5.92*	180	0.214	NA	13.8	NA	15.3	0.297	NA	NA
SS-144-B01@9"	3/23/2023	5.05*	170	0.302	NA	16.8	NA	17.3	0.873	NA	NA
SS-122-B01@9"	3/23/2023	3.47*	111	0.567	NA	<9.82	NA	<9.82	0.540	NA	NA
SS-152-B01@9"	3/23/2023	6.29*	182	0.170	NA	14.3	NA	16.3	0.203	NA	NA

TABLE 5
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - METALS
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits		9.82	778.75	0.651	NA	77	NA	22	1.26	NA	NA
SS-171-B01@9"	3/23/2023	6.44*	185	0.238	NA	14.2	NA	17.3	0.321	NA	NA
SS-153-B01@9"	3/23/2023	6.53*	165	0.263	NA	14.8	NA	17.6	0.222	NA	NA
SS-154-B01@9"	3/23/2023	6.53*	175	0.179	NA	15.3	NA	16.7	0.224	NA	NA
SS-158-B01@9"	3/23/2023	6.48*	215	0.246	NA	15.0	NA	18.3	0.234	NA	NA
SS-159-B01@9"	3/23/2023	4.46*	168	0.160	NA	<9.62	NA	11.1	0.196	NA	NA
SS-172-B01 @ 9"	3/24/2023	5.38*	276	0.161	NA	11.6	NA	13.7	0.217	NA	NA
SS-173-B01 @ 9"	3/24/2023	4.07*	198	0.142	NA	12.2	NA	12.1	0.172	NA	NA
SS-174-B01 @ 9"	3/24/2023	6.80*	182	0.162	NA	11.3	NA	14.1	0.178	NA	NA
SS-175-B01 @ 9"	3/24/2023	5.04*	202	0.158	NA	8.99	NA	10.2	0.479	NA	NA
SS-188-B01 @ 5'	3/24/2023	9.02*	224	0.266	NA	13.2	NA	15.5	1.72	NA	NA
SS-188-N01 @ 3'	3/24/2023	4.71*	214	0.139	NA	10.2	NA	11.8	0.158	NA	NA
SS-188-S01 @ 3'	3/24/2023	4.92*	208	0.176	NA	9.97	NA	12.6	0.276	NA	NA
SS-188-E01 @ 3'	3/24/2023	4.97*	153	0.169	NA	10.9	NA	11.1	0.216	NA	NA
SS-188-W01 @ 3'	3/24/2023	5.13*	210	0.170	NA	10.8	NA	13.7	0.232	NA	NA
SS-189 @ 3'	4/28/2023	2.79*	129	0.0986	NA	<9.05	NA	<9.05	0.169	NA	NA
SS-182 @ 2.5'	4/28/2023	3.49*	155	0.109	NA	<9.44	NA	<9.44	0.0944	NA	NA
SS-182-N01 @ 2'	5/1/2023	3.79*	214	0.0970	NA	<9.24	NA	<9.24	0.239	NA	NA
SS-182-S01 @ 2'	5/1/2023	4.95*	215	0.173	NA	11.5	NA	13.5	0.203	NA	NA
SS-182-E01 @ 2'	5/1/2023	3.93*	135	0.118	NA	<9.03	NA	<9.03	0.223	NA	NA
SS-182-W01 @ 2'	5/1/2023	4.19*	186	0.140	NA	<9.50	NA	<9.50	0.200	NA	NA
SS-173-B01 @ 2.5'	5/1/2023	3.75	119	0.130	NA	<9.27	NA	9.44	0.138	NA	NA
SS-173-N01 @ 2'	5/1/2023	6.61*	142	0.132	NA	22.3	NA	11.1	0.336	NA	NA
SS-173-S01 @ 2'	5/1/2023	5.56*	162	0.171	NA	21.3	NA	13.1	0.232	NA	NA
SS-173-E01 @ 2'	5/1/2023	4.12*	170	0.111	NA	<9.32	NA	<9.32	0.144	NA	NA
SS-173-E02 @ 2'	5/1/2023	3.59*	171	0.112	NA	9.16	NA	<9.13	0.170	NA	NA
SS-173-W01 @ 2'	5/1/2023	4.47*	135	0.113	NA	10.8	NA	<9.32	0.137	NA	NA
Initial Waste Characterization- B01 @ 2.5'	5/1/2023	3.51*	110	0.124	NA	<9.55	NA	<9.55	0.179	NA	NA

TABLE 5
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - METALS
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC standards for soil (mg/kg) ⁽²⁾		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Site-Specific Background Limits		9.82	778.75	0.651	NA	77	NA	22	1.26	NA	NA
Background Soil Samples											
SS-BG01 @ 3"	3/16/2023	4.89	195	<0.0955	NA	37.5	NA	13.2	0.193	NA	NA
SS-BG02 @ 3"	3/16/2023	5.63	154	<0.0936	NA	61.6	NA	<9.36	0.179	NA	NA
SS-BG03 @ 3"	3/16/2023	5.52	180	0.267	NA	12.9	NA	14.7	0.306	NA	NA
SS-BG04 @ 3"	3/16/2023	4.16	163	0.225	NA	10.8	NA	11.8	0.278	NA	NA
SS-BG05 @ 9"	4/11/2023	6.19	623	0.521	NA	NA	NA	NA	0.422	NA	NA
SS-BG06 @ 9"	4/11/2023	3.17	137	0.117	NA	NA	NA	NA	0.331	NA	NA
SS-BG07 @ 5.5'	4/11/2023	3.70	298	0.147	NA	NA	NA	NA	0.198	NA	NA
SS-BG08 @ 3"	4/20/2023	4.22	175	0.351	NA	17.3	NA	17.9	1.01	NA	NA
SS-BG08 @ 6"	4/20/2023	3.72	153	0.274	NA	13.3	NA	15.1	0.773	NA	NA
SS-BG09 @ 3'	4/20/2023	4.57	182	0.222	NA	10.4	NA	12.9	0.447	NA	NA
SS-BG09 @ 6"	4/20/2023	4.84	156	0.198	NA	10.5	NA	13.1	0.499	NA	NA
SS-BG10 @ 3"	4/20/2023	4.20	113	0.204	NA	9.76	NA	11.8	0.361	NA	NA
SS-BG10 @ 6"	4/20/2023	3.72	100	0.166	NA	<8.42	NA	9.03	0.207	NA	NA
SS-BG11 @ 3"	4/20/2023	5.42	179	0.349	NA	13.0	NA	15.3	0.663	NA	NA
SS-BG11 @ 6"	4/20/2023	3.73	131	0.265	NA	<9.80	NA	11.9	0.805	NA	NA
SS-BG12 @ 3"	4/20/2023	5.50	150	0.275	NA	11.7	NA	14.1	0.301	NA	NA
SS-BG12 @ 6"	4/20/2023	5.17	146	0.270	NA	13.7	NA	13.7	0.293	NA	NA
SS-BG13 @ 3"	4/20/2023	5.60	164	0.280	NA	12.6	NA	15.0	0.337	NA	NA
SS-BG13 @ 6"	4/20/2023	5.93	179	0.301	NA	13.7	NA	16.2	0.390	NA	NA
SS-BG14 @ 3"	4/20/2023	5.43	145	0.273	NA	11.9	NA	13.6	0.356	NA	NA
SS-BG14 @ 6"	4/20/2023	5.87	150	0.270	NA	12.4	NA	14.3	0.358	NA	NA
SS-BG15 @ 3"	4/20/2023	6.29	161	0.295	NA	13.4	NA	15.7	0.397	NA	NA
SS-BG15 @ 6"	4/20/2023	6.28	164	0.281	NA	13.1	NA	15.3	0.343	NA	NA
SS-BG16 @ 3"	4/20/2023	6.04	188	0.174	NA	16.4	NA	14.2	0.205	NA	NA
SS-BG16 @ 6"	4/20/2023	6.07	188	0.172	NA	18.6	NA	15.1	0.263	NA	NA
SS-BG17 @ 3"	4/28/2023	7.86	132	<0.0911	NA	49.7	NA	10.7	0.281	NA	NA
SS-BG17 @ 3'	4/28/2023	4.24	178	0.137	NA	9.78	NA	10.3	0.255	NA	NA
SS-BG17 @ 5'	4/28/2023	1.58	59.4	<0.0869	NA	<8.69	NA	<8.69	<0.0869	NA	NA
SS-BG18 @ 3"	4/28/2023	4.38	129	0.118	NA	13.6	NA	9.62	0.155	NA	NA

TABLE 5
SBJ 22-13 HZ O SA
SOIL SAMPLE RESULTS SUMMARY TABLE - METALS
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
<i>ECMC standards for soil (mg/kg) ⁽²⁾</i>		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
<i>Site-Specific Background Limits</i>		9.82	778.75	0.651	NA	77	NA	22	1.26	NA	NA
SS-BG18 @ 3'	4/28/2023	4.79	152	0.148	NA	11	NA	12.4	0.181	NA	NA
SS-BG18 @ 5'	4/28/2023	3.26	131	0.108	NA	9.38	NA	<9.18	0.114	NA	NA
SS-BG19 @ 3"	4/28/2023	3.46	166	0.0953	NA	27.1	NA	<9.17	0.170	NA	NA
SS-BG19 @ 3'	4/28/2023	3.57	131	0.112	NA	<9.16	NA	<9.16	0.154	NA	NA
SS-BG19 @ 5'	4/28/2023	5.15	189	0.177	NA	10.4	NA	11.9	0.219	NA	NA
SS-BG20 @ 3"	4/28/2023	4.65	273	<0.0951	NA	29.4	NA	<9.51	<0.0951	NA	NA
SS-BG20 @ 3'	4/28/2023	3.49	69.7	0.112	NA	<9.07	NA	<9.07	0.152	NA	NA
SS-BG20 @ 5'	4/28/2023	2.25	37.5	<0.0939	NA	<9.39	NA	<9.39	<0.0939	NA	NA

Notes:

⁽²⁾ Standards for soil are taken from ECMC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit

mg/kg = milligrams per kilogram

Values presented in **BOLD** contained concentrations exceeding ECMC Table 915-1 Cleanup Concentrations and background concentrations.

Values presented in **BOLD*** contained concentrations exceeding ECMC Table 915-1 Cleanup Concentrations, but are within background concentrations.

* = compound is in accordance with the ECMC Table 915-1 Footnote 9.

NA = Not Analyzed

TABLE 6
SBJ 22-13 HZ O SA
SURFACE WATER RESULTS SUMMARY TABLE - VOCs
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- Trimethylbenzene (µg/L)	1,3,5- Trimethylbenzene (µg/L)
ECMC Standards for Groundwater (µg/L) ⁽¹⁾		5	560	700	1400	140	67	67
CDPHE Regulation No. 31 Standards for Water Supply (µg/L) ⁽²⁾		2.3	560	700	1400	140	67	67
SW-01	2/22/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-02	2/22/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-03	2/22/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-01-2	2/23/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-02-2	2/23/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-03-2	2/23/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-04	2/23/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-05	2/23/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-06	2/23/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-07	2/23/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-08	2/23/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-01-3	2/24/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-02-3	2/24/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-03-3	2/24/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-04-2	2/24/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-05-2	2/24/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-06-2	2/24/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-07-2	2/24/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-08-2	2/24/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-09	2/24/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-01-4	2/27/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-02-4	2/27/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-03-4	2/27/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-04-3	2/27/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-05-3	2/27/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-06-3	2/27/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-07-3	2/27/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-08-3	2/27/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-09-2	2/27/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-01-5	3/1/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-02-5	3/1/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-03-5	3/1/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-04-4	3/1/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-05-4	3/1/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00

TABLE 6
SBJ 22-13 HZ O SA
SURFACE WATER RESULTS SUMMARY TABLE - VOCs
KERR-McGEE OIL AND GAS ONSHORE LP

SW-06-4	3/1/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-07-4	3/1/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-08-4	3/1/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
SW-09-3	3/1/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00

Notes:

⁽¹⁾ Standards are taken from ECMC Table 915-1:Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021

ECMC = Emergency & Carbon Management Commission

⁽²⁾ Standards are taken from CDPHE 31.11 Table B:Basic Standards for Organic Chemicals, effective December 31, 2021

CDPHE = Colorado Department of Public Health and Environment

µg/L = micrograms per liter

< = Analytical result is less than the laboratory reporting limit

TABLE 7
SBJ 22-13 HZ O SA
GROUND WATER RESULTS SUMMARY TABLE - VOCs
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4- Trimethylbenzene (µg/L)	1,3,5- Trimethylbenzene (µg/L)	Depth to Water from Ground Surface (feet)
ECMC Standards for Groundwater (µg/L) ⁽¹⁾		5	560	700	1400	140	67	67	
MW-01	6/14/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	19.5
MW-01	9/28/2023	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00	15.3

Notes:

⁽¹⁾ Standards are taken from ECMC Table 915-1: Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021

ECMC = Energy & Carbon Commission

µg/L = micrograms per liter

< = Analytical result is less than the laboratory reporting limit