



MINISTERIO DEL INTERIOR

28 FEB 2017

CERTIFICACIÓN NÚMERO 0204 DE _____

“Sobre la presencia o no de comunidades étnicas en las zonas de proyectos, obras o actividades a realizarse”.

EL DIRECTOR DE CONSULTA PREVIA

En ejercicio de las facultades legales y reglamentarias en especial, las conferidas en el artículo 16 del numeral 5 del Decreto 2893 de 2011 y la Resolución 1928 del 2 de diciembre de 2013 y,

CONSIDERANDO:

Que se recibió en el Ministerio del Interior el día 23 de enero de 2017, el oficio con radicado externo **EXTMI17-2360** y **2900090053121017002** de Ventanilla Vital, por medio del cual la señora MICHEL JANNA GANDUR, en calidad de Representante Legal de la empresa CENIT Transporte Y Logística de Hidrocarburos, solicita se expida certificación de presencia o no de comunidades étnicas en el área del proyecto: **“COMPLEMENTO ESTUDIO DE IMPACTO AMBIENTAL PARA LA MODIFICACIÓN DE LA RESOLUCIÓN 321 DE 1993 – INCLUSO DE PERMISOS AMBIENTALES DEL SISTEMA DE TRANSPORTE DE HIDROCARBUROS APIAY – EL PORVENIR”**, localizado en jurisdicción de los municipios de Villavicencio, Restrepo, Cumaral, Barranca de Upía en el departamento del Meta; en jurisdicción del municipio de Paratebueno en el departamento de Cundinamarca y jurisdicción de los municipios de Sabanalarga y Monterrey en el departamento del Casanare, identificado con las siguientes coordenadas:

ID	Este (X)	Norte (Y)	ID	Este (X)	Norte (Y)	ID	Este (X)	Norte (Y)
1	1127009,327	1035395,098	135	1087700,68	977261,5869	269	1086792,71	977239,0193
2	1127037,44	1034758,043	136	1086896,345	977111,3033	270	1086890,606	977313,1027
3	1127286,149	1034594,001	137	1086805,328	977083,7865	271	1086948,814	977313,1027
4	1127270,274	1034498,75	138	1086737,595	977011,8197	272	1087086,398	977260,186
5	1127566,607	1034281,792	139	1086585,194	976251,9349	273	1087649,961	977368,6654
6	1127709,483	1034276,5	140	1086497,268	975960,5858	274	1088138,638	977210,1404
7	1127952,9	1034191,833	141	1086420,218	975664,3314	275	1088139,54	977209,924
8	1128550,859	1033953,708	142	1086335,427	975424,3165	276	1088141,174	977209,4326
9	1128630,235	1033842,582	143	1086335,427	975324,833	277	1088141,81	977209,1848
10	1129067,459	1033482,352	144	1086269,81	975252,8662	278	1088142,608	977208,8524
11	1129102,385	1033544,264	145	1086233,827	975132,216	279	1088636,859	977048,5189
12	1128989,672	1033806,202	146	1085660,209	974262,2642	280	1088901,443	976916,2269
13	1129104,204	1033861,17	147	1085452,246	973861,4197	281	1089893,633	977043,2272
14	1129122,981	1033822,798	148	1085332,163	973021,7906	282	1090674,155	977315,7486
15	1129124,763	1033820,629	149	1085291,121	972743,1427	283	1091175,953	977692,4401
16	1129125,859	1033816,917	150	1085097,154	972436,808	284	1092126,72	978098,9168
17	1129157,451	1033752,359	151	1084811,007	972176,3252	285	1092701,841	978243,9817
18	1129279,16	1033819,498	152	1084660,591	972079,4875	286	1093286,505	978518,6198
19	1129306,61	1033810,237	153	1084557,403	972094,1719	287	1093799,137	978851,9954
20	1129405,498	1033615,603	154	1083223,477	971629,4833	288	1093977,069	978862,5788
21	1129286,436	1033406,581	155	1081801,019	971715,5833	289	1094809,601	979657,3158

22	1129344,644	1033311,331	156	1080610,076	971584,8215	290	1095696,451	980353,5089
23	1129512	1033335,914	157	1079672,022	970977,0455	291	1096101,264	980501,1466
24	1129628,417	1033194,097	158	1079343,249	970886,9816	292	1096175,877	980680,5345
25	1129483,954	1033084,03	159	1078857,368	970576,2009	293	1096270,104	980800,318
26	1129807,886	1032224,919	160	1078482,717	970671,4511	294	1096915,688	981091,3603
27	1129797,303	1031986,794	161	1078368,417	970544,4508	295	1097542,752	981472,3611
28	1129527,427	1031071,333	162	1078112,3	970343,3671	296	1097550,69	981681,3823
29	1129003,551	1030605,666	163	1077898,516	969920,0329	297	1098818,046	982117,9457
30	1128649,009	1030012,998	164	1078050,916	969801,4994	298	1099984,861	982734,4261
31	1128389,717	1029785,456	165	1077825,86	968622,1437	299	1101032,613	983544,0527
32	1128151,457	1029688,453	166	1076918,074	968113,666	300	1102294,678	984250,4916
33	1127818,216	1029002,288	167	1075951,814	966613,7401	301	1102723,304	984258,4291
34	1127422,266	1028354,52	168	1075176,9	965561,3847	302	1102958,784	984374,846
35	1127633,404	1028038,607	169	1075092,594	965340,4175	303	1102896,34	984567,3045
36	1127477,829	1027902,082	170	1074875,636	965126,8983	304	1102924,388	985134,2017
37	1127060,315	1027795,719	171	1074624,661	964266,352	305	1104302,87	986245,4539
38	1126742,912	1027489,899	172	1074989,469	962053,1962	306	1106678,612	987708,2774
39	1126075,746	1026413,639	173	1075428,679	961775,3832	307	1107014,633	987750,6108
40	1125753,752	1026066,253	174	1075256,699	961254,153	308	1107414,684	987681,819
41	1124736,951	1024593,302	175	1075455,137	960854,6313	309	1107514,918	987999,6449
42	1124646,993	1024365,76	176	1075377,856	960146,9797	310	1107808,871	988445,7333
43	1124519,993	1024238,759	177	1075286,575	959828,1562	311	1108201,778	988886,2655
44	1123514,574	1022820,59	178	1075387,117	959391,5928	312	1108185,903	988973,5781
45	1121392,611	1021714,629	179	1076004,259	957474,3123	313	1108241,465	989299,0163
46	1120482,443	1021148,42	180	1075974,625	957006,528	314	1109686,093	992438,3038
47	1120074,984	1020248,835	181	1076150,309	956585,3105	315	1110676,695	994579,0519
48	1119699,275	1019629,709	182	1076158,776	956303,7933	316	1112530,899	997531,8078
49	1119238,899	1019100,541	183	1075957,692	955370,3414	317	1113527,851	999176,4611
50	1119318,274	1017465,413	184	1076304,826	953101,2702	318	1113569,761	999463,4816
51	1119117,19	1016454,702	185	1076510,143	952453,5689	319	1113644,373	999512,6942
52	1118593,314	1014988,908	186	1076596,927	952011,1847	320	1114107,924	1001165,285
53	1118633,247	1014808,818	187	1076827,644	951509,5337	321	1114032,518	1001304,192
54	1117889,521	1013427,863	188	1076785,31	950980,366	322	1114155,549	1001300,223
55	1117609,062	1013083,904	189	1076897,494	950669,2154	323	1114334,144	1001947,13
56	1117259,811	1012565,319	190	1076895,377	950478,715	324	1114322,237	1002336,069
57	1116995,228	1011951,485	191	1077077,411	949850,0637	325	1114326,206	1003133,789
58	1116707,675	1011456,807	192	1077259,445	949689,1967	326	1114130,418	1003863,636
59	1116240,79	1010965,157	193	1077333,528	949267,9792	327	1114393,675	1004125,978
60	1115402,588	1009898,355	194	1077441,478	948072,0602	328	1114477,019	1004459,354
61	1114596,137	1009009,353	195	1077259,445	947697,4094	329	1114445,269	1004955,449
62	1114291,336	1008971,253	196	1077253,095	947525,9591	330	1114068,237	1005943,67
63	1113969,507	1008704,55	197	1077329,295	947235,9752	331	1114068,237	1006610,421
64	1113820,678	1008191,919	198	1077475,345	947081,4582	332	1113516,579	1007054,922
65	1113662,685	1007872,701	199	1077498,628	946131,073	333	1113352,806	1007726,913
66	1113467,9	1007691,194	200	1077318,711	945862,2558	334	1113547,275	1007856,559
67	1113630,619	1007064,13	201	1077441,743	945150,1018	335	1113758,674	1008237,612
68	1114157,986	1006678,898	202	1077552,912	944466,3104	336	1113889,643	1008757,519
69	1114170,686	1005948,647	203	1077913,232	944395,0456	337	1114250,8	1009051,207
70	1114503,746	1005112,207	204	1077916,406	943408,0817	338	1114544,488	1009082,957
71	1114570,737	1004424,644	205	1077424,463	943484,0352	339	1115064,395	1009761,615
72	1114426,487	1003995,134	206	1077340,18	943825,8989	340	1116258,991	1011114,961
73	1114405,636	1003370,542	207	1077403,68	944205,3122	341	1116639,992	1011491,993
74	1114411,986	1002246,589	208	1077446,543	944562,5004	342	1116937,649	1012007,932
75	1114488,664	1001875,42	209	1077191,739	945756,8394	343	1117271,024	1012785,808
76	1114323,086	1001459,188	210	1077250,719	945944,3632	344	1118040,963	1014024,061
77	1113675,069	999206,4306	211	1077282,898	947111,5013	345	1118507,041	1014792,149
78	1112988,657	998042,6164	212	1077186,986	947296,71	346	1118544,215	1015110,84
79	1110614,495	994240,1915	213	1077160,528	947954,8624	347	1119005,372	1016373,565
80	1109559,32	991805,3826	214	1077111,272	949581,5204	348	1119195,872	1017445,13
81	1108288,744	989054,7246	215	1076804,487	950418,5314	349	1119223,653	1017599,912
82	1108336,369	988868,193	216	1076725,641	950972,0409	350	1119136,341	1019175,509
83	1107600,885	987961,6164	217	1076750,423	951487,0569	351	1119659,923	1019776,212
84	1107473,157	987620,9647	218	1076538,755	951943,4641	352	1120311,093	1021036,856
85	1106729,022	987637,8781	219	1076439,536	952452,788	353	1120418,249	1021274,982
86	1105103,948	986549,5388	220	1076221,255	953051,409	354	1121493,783	1021945,702
87	1104437,197	986145,2547	221	1075976,515	954714,98	355	1122835,223	1022580,703
88	1104322,897	986132,5546	222	1075923,598	954906,8033	356	1123339,255	1022894,235

89	1103376,745	985412,8865	223	1075873,988	955230,9186	357	1123823,444	1023481,611
90	1102989,394	985042,4691	224	1075989,744	956034,5921	358	1124577,508	1024442,05
91	1102999,977	984523,8847	225	1076065,812	956560,4525	359	1124671,075	1024647,025
92	1103071,944	984382,0678	226	1075834,301	957145,8443	360	1125710,889	1026110,703
93	1103063,477	984219,0841	227	1075890,525	957463,3449	361	1126014,198	1026470,086
94	1102874,866	984119,2311	228	1075235,68	959580,0158	362	1126683,513	1027517,46
95	1102870,502	984116,3104	229	1075182,763	959814,834	363	1127073,509	1027894,227
96	1102869,659	984115,7856	230	1075255,524	960582,1272	364	1127581,858	1028831,497
97	1102868,235	984115,0618	231	1075189,378	960773,9505	365	1127776,327	1029089,466
98	1102862,667	984112,5948	232	1074640,366	963439,6329	366	1128061,499	1029697,978
99	1102862,079	984112,3491	233	1074521,711	964259,0191	367	1128288,296	1029815,749
100	1102861,254	984112,0245	234	1074806,579	965136,4233	368	1128801,589	1030391,748
101	1102703,643	984028,5838	235	1075048,312	965379,0864	369	1128947,378	1030664,146
102	1102326,876	984166,1674	236	1075066,877	965563,8982	370	1129433,945	1031098,187
103	1101713,041	983850,7834	237	1075141,886	965629,7796	371	1129735,838	1032159,045
104	1101109,79	983490,9493	238	1076666,88	967944,2525	372	1129433,945	1033011,128
105	1100303,339	982822,0813	239	1076852,618	968191,903	373	1129026,485	1033021,711
106	1099915,988	982582,8975	240	1077613,032	968603,0664	374	1128936,527	1033214,858
107	1098859,769	982060,0798	241	1077730,507	968938,0295	375	1128629,61	1032897,357
108	1098821,669	981973,2963	242	1077821,789	969974,8014	376	1128169,234	1032571,919
109	1098770,869	981926,7296	243	1078049,331	970406,0731	377	1127878,191	1032624,835
110	1098451,252	981856,8794	244	1078316,561	970604,511	378	1127671,816	1032773,002
111	1098106,234	981706,5958	245	1078361,54	970789,7197	379	1127621,545	1032804,753
112	1098023,684	981626,1623	246	1078956,854	970712,9904	380	1127579,212	1032754,482
113	1097788,734	981433,5452	247	1079314,042	970959,0534	381	1127425,753	1032762,419
114	1097528,383	981361,5784	248	1079628,897	971062,2411	382	1126700,793	1033214,858
115	1097168,549	981128,7446	249	1080603,726	971652,2904	383	1126613,481	1033164,587
116	1096292,247	980707,5271	250	1081794,669	971777,4959	384	1126512,939	1033201,628
117	1096165,247	980472,5766	251	1083207,547	971690,1832	385	1126428,272	1033360,379
118	1096112,33	980421,7765	252	1084880,886	972329,5978	386	1126174,271	1033516,483
119	1095862,563	980343,4597	253	1085052,866	972535,9732	387	1126171,626	1033812,817
120	1095051,878	979761,3752	254	1085208,97	972922,2656	388	1126467,96	1033847,213
121	1094859,261	979511,6081	255	1085163,991	973043,9742	389	1126462,668	1033987,442
122	1094689,927	979435,4079	256	1085228,593	973070,9838	390	1126579,085	1034281,13
123	1094023,176	978806,7566	257	1085253,729	973027,3275	391	1126314,501	1034532,485
124	1093830,559	978789,8233	258	1085311,276	973404,4918	392	1126449,439	1034722,986
125	1093419,925	978516,7727	259	1085292,226	973487,0419	393	1126399,168	1034823,527
126	1092755,29	978192,9221	260	1085304,161	973596,8636	394	1126385,939	1035053,715
127	1092111,822	978013,0051	261	1085356,549	973687,3513	395	1126444,147	1035191,299
128	1091646,155	977805,5713	262	1085397,824	973908,5434	396	1126277,459	1035392,383
129	1091493,754	977354,7204	263	1085569,803	974249,8566	397	1125978,479	1035064,299
130	1091074,653	977303,9203	264	1086149,771	975143,5151	398	1125743	1035183,361
131	1090913,786	977354,7204	265	1086192,104	975302,2654	399	1126116,063	1035649,029
132	1090600,519	977187,5034	266	1086514,897	976257,4131	400	1126356,834	1035821,009
133	1089935,884	976973,7196	267	1086549,293	976521,997	401	1126282,6	1035987,623
134	1088894,482	976838,2527	268	1086671,001	977051,1647	402	1126790,054	1036213,413
						403	1127213,917	1036184,838
						404	1127164,44	1035615,294

Fuente: Suministrada por el solicitante; radicado externo EXTM17-2360 del 23 de enero de 2017.

Que en la solicitud se anexaron los siguientes documentos técnicos: i) solicitud formal ante la Dirección de Consulta Previa, ii) cuadro de coordenadas, donde se va a ejecutar el proyecto denominado: **"COMPLEMENTO ESTUDIO DE IMPACTO AMBIENTAL PARA LA MODIFICACIÓN DE LA RESOLUCIÓN 321 DE 1993 – INCLUSO DE PERMISOS AMBIENTALES DEL SISTEMA DE TRANSPORTE DE HIDROCARBUROS APIAY – EL PORVENIR"**, localizado en jurisdicción de los municipios de Villavicencio, Restrepo, Cumaral, Barranca de Upía en el departamento del Meta; en jurisdicción del municipio de Paratebueno en el departamento de Cundinamarca y jurisdicción de los municipios de Sabanalarga y Monterrey en el departamento del Casanare.

Que en un análisis inicial la Dirección de Consulta Previa, procedió a revisar en las bases de datos conforme a las coordenadas presentadas por el solicitante para el proyecto: **"COMPLEMENTO ESTUDIO DE IMPACTO AMBIENTAL PARA LA MODIFICACIÓN DE LA RESOLUCIÓN 321 DE 1993 – INCLUSO DE PERMISOS AMBIENTALES DEL SISTEMA DE TRANSPORTE DE HIDROCARBUROS APIAY – EL PORVENIR"**,

localizado en jurisdicción de los municipios de Villavicencio, Restrepo, Cumaral, Barranca de Upía en el departamento del Meta; en jurisdicción del municipio de Paratebueno en el departamento de Cundinamarca y jurisdicción de los municipios de Sabanalarga y Monterrey en el departamento del Casanare. Este análisis tuvo como objeto constatar la presencia o registro de comunidades étnicas que pudieran resultar afectadas. Las bases de datos consultadas fueron: i) Base cartográfica de resguardos indígenas constituidos (Incoder - Igac 2015), ii) Base cartográfica de Consejos Comunitarios constituidos (Incoder 2015), iii) Base de datos de la Dirección de Asuntos Indígenas, Minorías Étnicas y Rom (Mininterior 2015), iv) Base de datos de la Dirección de Comunidades Negras, Afrocolombianas, Raizales y Palenqueras (Mininterior 2015), v) Base de datos de Consulta Previa (Mininterior 2015).

Que con base en la información aportada y recogida se elaboró el informe técnico el día 23 de 02 de 2017, en el cual se estableció lo siguiente:

*“Se digitalizo en la base de datos geográfica de la Dirección de Consulta Previa las coordenadas del proyecto: **“Complemento Estudio de Impacto Ambiental para la Modificación de la Resolución 321 de 1993 – Incluso de Permisos Ambientales del Sistema de Transporte de Hidrocarburos Apiay – El Porvenir”**, a partir de la información aportada por el solicitante en el Sistema de Coordenadas Planas Magna Sirgas Origen Bogotá.*

Para el ejercicio de análisis cartográfico se utilizó la cartografía básica y temática IGAC 2016, lo que permitió constatar que el área del proyecto se localiza en jurisdicción de los municipios de Villavicencio, Restrepo, Cumaral, Barranca de Upía, en el departamento del Meta; en jurisdicción del municipio de Paratebueno, en el departamento de Cundinamarca; y en jurisdicción de los municipios de Sabanalarga y Monterrey, en el departamento de Casanare. Por lo anterior es posible continuar con el trámite de la solicitud.

Descripción actividades del proyecto:

El Sistema de Transporte de Hidrocarburos ~~Apiay~~ – El Porvenir (OAP), que está en operación desde 1994, se encuentra ubicado en jurisdicción de los municipios de Villavicencio, Restrepo, ~~Cumaral~~ y Barranca de ~~Upía~~ del departamento de Meta; municipio ~~Paratebueno~~ del departamento de Cundinamarca; y los municipios de Monterrey y Sabanalarga del departamento de Casanare.

El sistema OAP transporta crudo mezcla (crudos pesados y livianos diluidos en Nafta) que se producen en los campos de Castilla, ~~Chichimene~~, ~~Apiay~~, ~~Suna~~ y La Reforma; que se despachan desde la planta ~~Apiay~~ hasta la planta Altos del Porvenir. Entre la planta ~~Apiay~~ y la planta Altos del Porvenir, se encuentra la planta Monterrey y su función es la de ~~rebombeo~~.

Incluye el transporte de Nafta desde la Monterrey hasta la planta Altos del Porvenir y desde la planta Monterrey hasta la planta ~~Apiay~~.

El Sistema de Transporte de Hidrocarburos ~~Apiay~~ – El Porvenir (OAP) pertenece a los Departamentos de Operaciones y Mantenimiento (O&M) Casanare y Meta de la Vicepresidencia de Transporte y Logística. Este sistema se compone de:

- Planta ~~Apiay~~.
- Línea ~~Apiay~~ – Monterrey de 20 pulgadas.
- Línea ~~Apiay~~ – Monterrey de 30 pulgadas.
- Planta Monterrey.
- Línea Monterrey – Altos del Porvenir de 20 pulgadas.
- Línea Monterrey – Porvenir de 12 pulgadas.
- Línea Monterrey – ~~Apiay~~ de 16 pulgadas.
- Planta Altos del Porvenir.
- Línea Altos del Porvenir – Monterrey de 12 pulgadas
- Línea Altos del Porvenir – El Porvenir de 24 pulgadas

Las actividades del sistema se consideran con base en tres etapas: i) Operación, ii) mantenimiento (preventivo y correctivo) y iii) abandono y restauración final. La etapa de operación y mantenimiento (preventivo y correctivo), corresponde a la verificación continua de las condiciones óptimas para llevar a cabo el proceso de conducción de los productos (crudo mezcla y nafta); así como también el mantenimiento continuo y preventivo de los componentes del Sistema de Transporte de Hidrocarburos ~~Apiay~~ – El Porvenir.

En el mantenimiento de tipo preventivo se verifica la presión, temperatura, densidad y calidad de los productos transportados, así como también el mantenimiento continuo y preventivo de los componentes del funcionamiento normal del sistema OAP.

En el mantenimiento correctivo, se repara o pone en condiciones de funcionamiento aquellos componentes que se encuentran en riesgo de dejar de funcionar adecuadamente. Por otra parte, el abandono y restauración final corresponde a las actividades que se llevarán a cabo una vez finalice la operación de alguna de las instalaciones que componen el Sistema de Transporte de Hidrocarburos.

Como resultado de la consulta de las bases de datos (espacial y no espacial) de comunidades étnicas con que cuenta la Dirección de Consulta Previa (relacionadas en el cuadro anterior) y del análisis cartográfico realizado a partir del cruce de dicha información con el área del proyecto: **"Complemento Estudio de Impacto Ambiental para la Modificación de la Resolución 321 de 1993 – Incluso de Permisos Ambientales del Sistema de Transporte de Hidrocarburos Apiay – El Porvenir"**, se evidenció que el área del proyecto de la referencia **no se traslapa con Comunidades Étnicas**.

De acuerdo con lo anterior, se establece que **no se registra presencia de comunidades étnicas**, en el área del proyecto: **"Complemento Estudio de Impacto Ambiental para la Modificación de la Resolución 321 de 1993 – Incluso de Permisos Ambientales del Sistema de Transporte de Hidrocarburos Apiay – El Porvenir"**, localizado en jurisdicción de los municipios de Villavicencio, Restrepo, Cumaral, Barranca de Upía, en el departamento del Meta; en jurisdicción del municipio de Paratebueno, en el departamento de Cundinamarca; y en jurisdicción de los municipios de Sabanalarga y Monterrey, en el departamento de Casanare.

En mérito de lo anteriormente expuesto, esta Dirección,

CERTIFICA:

PRIMERO. Que **no se registra presencia de comunidades Indígenas, Minorías y Rom**, en el área del proyecto: **"COMPLEMENTO ESTUDIO DE IMPACTO AMBIENTAL PARA LA MODIFICACIÓN DE LA RESOLUCIÓN 321 DE 1993 – INCLUSO DE PERMISOS AMBIENTALES DEL SISTEMA DE TRANSPORTE DE HIDROCARBUROS APIAY – EL PORVENIR"**, localizado en jurisdicción de los municipios de Villavicencio, Restrepo, Cumaral, Barranca de Upía en el departamento del Meta; en jurisdicción del municipio de Paratebueno en el departamento de Cundinamarca y jurisdicción de los municipios de Sabanalarga y Monterrey en el departamento del Casanare, identificado con las siguientes coordenadas:

ID	Este (X)	Norte (Y)	ID	Este (X)	Norte (Y)	ID	Este (X)	Norte (Y)
1	1127009,327	1035395,098	135	1087700,68	977261,5869	269	1086792,71	977239,0193
2	1127037,44	1034758,043	136	1086896,345	977111,3033	270	1086890,606	977313,1027
3	1127286,149	1034594,001	137	1086805,328	977083,7865	271	1086948,814	977313,1027
4	1127270,274	1034498,75	138	1086737,595	977011,8197	272	1087086,398	977260,186
5	1127566,607	1034281,792	139	1086585,194	976251,9349	273	1087649,961	977368,6654
6	1127709,483	1034276,5	140	1086497,268	975960,5858	274	1088138,638	977210,1404
7	1127952,9	1034191,833	141	1086420,218	975664,3314	275	1088139,54	977209,924
8	1128550,859	1033953,708	142	1086335,427	975424,3165	276	1088141,174	977209,4326
9	1128630,235	1033842,582	143	1086335,427	975324,833	277	1088141,81	977209,1848
10	1129067,459	1033482,352	144	1086269,81	975252,8662	278	1088142,608	977208,8524
11	1129102,385	1033544,264	145	1086233,827	975132,216	279	1088636,859	977048,5189
12	1128989,672	1033806,202	146	1085660,209	974262,2642	280	1088901,443	976916,2269
13	1129104,204	1033861,17	147	1085452,246	973861,4197	281	1089893,633	977043,2272
14	1129122,981	1033822,798	148	1085332,163	973021,7906	282	1090674,155	977315,7486
15	1129124,763	1033820,629	149	1085291,121	972743,1427	283	1091175,953	977692,4401
16	1129125,859	1033816,917	150	1085097,154	972436,808	284	1092126,72	978098,9168
17	1129157,451	1033752,359	151	1084811,007	972176,3252	285	1092701,841	978243,9817
18	1129279,16	1033819,498	152	1084660,591	972079,4875	286	1093286,505	978518,6198
19	1129306,61	1033810,237	153	1084557,403	972094,1719	287	1093799,137	978851,9954
20	1129405,498	1033615,603	154	1083223,477	971629,4833	288	1093977,069	978862,5788
21	1129286,436	1033406,581	155	1081801,019	971715,5833	289	1094809,601	979657,3158
22	1129344,644	1033311,331	156	1080610,076	971584,8215	290	1095696,451	980353,5089
23	1129512	1033335,914	157	1079672,022	970977,0455	291	1096101,264	980501,1466
24	1129628,417	1033194,097	158	1079343,249	970886,9816	292	1096175,877	980680,5345
25	1129483,954	1033084,03	159	1078857,368	970576,2009	293	1096270,104	980800,318
26	1129807,886	1032224,919	160	1078482,717	970671,4511	294	1096915,688	981091,3603
27	1129797,303	1031986,794	161	1078368,417	970544,4508	295	1097542,752	981472,3611
28	1129527,427	1031071,333	162	1078112,3	970343,3671	296	1097550,69	981681,3823
29	1129003,551	1030605,666	163	1077898,516	969920,0329	297	1098818,046	982117,9457
30	1128649,009	1030012,998	164	1078050,916	969801,4994	298	1099984,861	982734,4261
31	1128389,717	1029785,456	165	1077825,86	968622,1437	299	1101032,613	983544,0527
32	1128151,457	1029688,453	166	1076918,074	968113,666	300	1102294,678	984250,4916
33	1127818,216	1029002,288	167	1075951,814	966613,7401	301	1102723,304	984258,4291

34	1127422,266	1028354,52	168	1075176,9	965561,3847	302	1102958,784	984374,846
35	1127633,404	1028038,607	169	1075092,594	965340,4175	303	1102896,34	984567,3045
36	1127477,829	1027902,082	170	1074875,636	965126,8983	304	1102924,388	985134,2017
37	1127060,315	1027795,719	171	1074624,661	964266,352	305	1104302,87	986245,4539
38	1126742,912	1027489,899	172	1074989,469	962053,1962	306	1106678,612	987708,2774
39	1126075,746	1026413,639	173	1075428,679	961775,3832	307	1107014,633	987750,6108
40	1125753,752	1026066,253	174	1075256,699	961254,153	308	1107414,684	987681,819
41	1124736,951	1024593,302	175	1075455,137	960854,6313	309	1107514,918	987999,6449
42	1124646,993	1024365,76	176	1075377,856	960146,9797	310	1107808,871	988445,7333
43	1124519,993	1024238,759	177	1075286,575	959828,1562	311	1108201,778	988886,2655
44	1123514,574	1022820,59	178	1075387,117	959391,5928	312	1108185,903	988973,5781
45	1121392,611	1021714,629	179	1076004,259	957474,3123	313	1108241,465	989299,0163
46	1120482,443	1021148,42	180	1075974,625	957006,528	314	1109686,093	992438,3038
47	1120074,984	1020248,835	181	1076150,309	956585,3105	315	1110676,695	994579,0519
48	1119699,275	1019629,709	182	1076158,776	956303,7933	316	1112530,899	997531,8078
49	1119238,899	1019100,541	183	1075957,692	955370,3414	317	1113527,851	999176,4611
50	1119318,274	1017465,413	184	1076304,826	953101,2702	318	1113569,761	999463,4816
51	1119117,19	1016454,702	185	1076510,143	952453,5689	319	1113644,373	999512,6942
52	1118593,314	1014988,908	186	1076596,927	952011,1847	320	1114107,924	1001165,285
53	1118633,247	1014808,818	187	1076827,644	951509,5337	321	1114032,518	1001304,192
54	1117889,521	1013427,863	188	1076785,31	950980,366	322	1114155,549	1001300,223
55	1117609,062	1013083,904	189	1076897,494	950669,2154	323	1114334,144	1001947,13
56	1117259,811	1012565,319	190	1076895,377	950478,715	324	1114322,237	1002336,069
57	1116995,228	1011951,485	191	1077077,411	949850,0637	325	1114326,206	1003133,789
58	1116707,675	1011456,807	192	1077259,445	949689,1967	326	1114130,418	1003863,636
59	1116240,79	1010965,157	193	1077333,528	949267,9792	327	1114393,675	1004125,978
60	1115402,588	1009898,355	194	1077441,478	948072,0602	328	1114477,019	1004459,354
61	1114596,137	1009009,353	195	1077259,445	947697,4094	329	1114445,269	1004955,449
62	1114291,336	1008971,253	196	1077253,095	947525,9591	330	1114068,237	1005943,67
63	1113969,507	1008704,55	197	1077329,295	947235,9752	331	1114068,237	1006610,421
64	1113820,678	1008191,919	198	1077475,345	947081,4582	332	1113516,579	1007054,922
65	1113662,685	1007872,701	199	1077498,628	946131,073	333	1113352,806	1007726,913
66	1113467,9	1007691,194	200	1077318,711	945862,2558	334	1113547,275	1007856,559
67	1113630,619	1007064,13	201	1077441,743	945150,1018	335	1113758,674	1008237,612
68	1114157,986	1006678,898	202	1077552,912	944466,3104	336	1113889,643	1008757,519
69	1114170,686	1005948,647	203	1077913,232	944395,0456	337	1114250,8	1009051,207
70	1114503,746	1005112,207	204	1077916,406	943408,0817	338	1114544,488	1009082,957
71	1114570,737	1004424,644	205	1077424,463	943484,0352	339	1115064,395	1009761,615
72	1114426,487	1003995,134	206	1077340,18	943825,8989	340	1116258,991	1011114,961
73	1114405,636	1003370,542	207	1077403,68	944205,3122	341	1116639,992	1011491,993
74	1114411,986	1002246,589	208	1077446,543	944562,5004	342	1116937,649	1012007,932
75	1114488,664	1001875,42	209	1077191,739	945756,8394	343	1117271,024	1012785,808
76	1114323,086	1001459,188	210	1077250,719	945944,3632	344	1118040,963	1014024,061
77	1113675,069	999206,4306	211	1077282,898	947111,5013	345	1118507,041	1014792,149
78	1112988,657	998042,6164	212	1077186,986	947296,71	346	1118544,215	1015110,84
79	1110614,495	994240,1915	213	1077160,528	947954,8624	347	1119005,372	1016373,565
80	1109559,32	991805,3826	214	1077111,272	949581,5204	348	1119195,872	1017445,13
81	1108288,744	989054,7246	215	1076804,487	950418,5314	349	1119223,653	1017599,912
82	1108336,369	988868,193	216	1076725,641	950972,0409	350	1119136,341	1019175,509
83	1107600,885	987961,6164	217	1076750,423	951487,0569	351	1119659,923	1019776,212
84	1107473,157	987620,9647	218	1076538,755	951943,4641	352	1120311,093	1021036,856
85	1106729,022	987637,8781	219	1076439,536	952452,788	353	1120418,249	1021274,982
86	1105103,948	986549,5388	220	1076221,255	953051,409	354	1121493,783	1021945,702
87	1104437,197	986145,2547	221	1075976,515	954714,98	355	1122835,223	1022580,703
88	1104322,897	986132,5546	222	1075923,598	954906,8033	356	1123339,255	1022894,235
89	1103376,745	985412,8865	223	1075873,988	955230,9186	357	1123823,444	1023481,611
90	1102989,394	985042,4691	224	1075989,744	956034,5921	358	1124577,508	1024442,05
91	1102999,977	984523,8847	225	1076065,812	956560,4525	359	1124671,075	1024647,025
92	1103071,944	984382,0678	226	1075834,301	957145,8443	360	1125710,889	1026110,703
93	1103063,477	984219,0841	227	1075890,525	957463,3449	361	1126014,198	1026470,086
94	1102874,866	984119,2311	228	1075235,68	959580,0158	362	1126683,513	1027517,46
95	1102870,502	984116,3104	229	1075182,763	959814,834	363	1127073,509	1027894,227
96	1102869,659	984115,7856	230	1075255,524	960582,1272	364	1127581,858	1028831,497
97	1102868,235	984115,0618	231	1075189,378	960773,9505	365	1127776,327	1029089,466
98	1102862,667	984112,5948	232	1074640,366	963439,6329	366	1128061,499	1029697,978
99	1102862,079	984112,3491	233	1074521,711	964259,0191	367	1128288,296	1029815,749
100	1102861,254	984112,0245	234	1074806,579	965136,4233	368	1128801,589	1030391,748

101	1102703,643	984028,5838	235	1075048,312	965379,0864	369	1128947,378	1030664,146
102	1102326,876	984166,1674	236	1075066,877	965563,8982	370	1129433,945	1031098,187
103	1101713,041	983850,7834	237	1075141,886	965629,7796	371	1129735,838	1032159,045
104	1101109,79	983490,9493	238	1076666,88	967944,2525	372	1129433,945	1033011,128
105	1100303,339	982822,0813	239	1076852,618	968191,903	373	1129026,485	1033021,711
106	1099915,988	982582,8975	240	1077613,032	968603,0664	374	1128936,527	1033214,858
107	1098859,769	982060,0798	241	1077730,507	968938,0295	375	1128629,61	1032897,357
108	1098821,669	981973,2963	242	1077821,789	969974,8014	376	1128169,234	1032571,919
109	1098770,869	981926,7296	243	1078049,331	970406,0731	377	1127878,191	1032624,835
110	1098451,252	981856,8794	244	1078316,561	970604,511	378	1127671,816	1032773,002
111	1098106,234	981706,5958	245	1078361,54	970789,7197	379	1127621,545	1032804,753
112	1098023,684	981626,1623	246	1078956,854	970712,9904	380	1127579,212	1032754,482
113	1097788,734	981433,5452	247	1079314,042	970959,0534	381	1127425,753	1032762,419
114	1097528,383	981361,5784	248	1079628,897	971062,2411	382	1126700,793	1033214,858
115	1097168,549	981128,7446	249	1080603,726	971652,2904	383	1126613,481	1033164,587
116	1096292,247	980707,5271	250	1081794,669	971777,4959	384	1126512,939	1033201,628
117	1096165,247	980472,5766	251	1083207,547	971690,1832	385	1126428,272	1033360,379
118	1096112,33	980421,7765	252	1084880,886	972329,5978	386	1126174,271	1033516,483
119	1095862,563	980343,4597	253	1085052,866	972535,9732	387	1126171,626	1033812,817
120	1095051,878	979761,3752	254	1085208,97	972922,2656	388	1126467,96	1033847,213
121	1094859,261	979511,6081	255	1085163,991	973043,9742	389	1126462,668	1033987,442
122	1094689,927	979435,4079	256	1085228,593	973070,9838	390	1126579,085	1034281,13
123	1094023,176	978806,7566	257	1085253,729	973027,3275	391	1126314,501	1034532,485
124	1093830,559	978789,8233	258	1085311,276	973404,4918	392	1126449,439	1034722,986
125	1093419,925	978516,7727	259	1085292,226	973487,0419	393	1126399,168	1034823,527
126	1092755,29	978192,9221	260	1085304,161	973596,8636	394	1126385,939	1035053,715
127	1092111,822	978013,0051	261	1085356,549	973687,3513	395	1126444,147	1035191,299
128	1091646,155	977805,5713	262	1085397,824	973908,5434	396	1126277,459	1035392,383
129	1091493,754	977354,7204	263	1085569,803	974249,8566	397	1125978,479	1035064,299
130	1091074,653	977303,9203	264	1086149,771	975143,5151	398	1125743	1035183,361
131	1090913,786	977354,7204	265	1086192,104	975302,2654	399	1126116,063	1035649,029
132	1090600,519	977187,5034	266	1086514,897	976257,4131	400	1126356,834	1035821,009
133	1089935,884	976973,7196	267	1086549,293	976521,997	401	1126282,6	1035987,623
134	1088894,482	976838,2527	268	1086671,001	977051,1647	402	1126790,054	1036213,413
						403	1127213,917	1036184,838
						404	1127164,44	1035615,294

Fuente: Suministrada por el solicitante; radicado externo EXTM117-2360 del 23 de enero de 2017.

SEGUNDO. Que no se registra presencia de comunidades Negras, Afrocolombianas, Raizales y Palenqueras, en el área del proyecto: "COMPLEMENTO ESTUDIO DE IMPACTO AMBIENTAL PARA LA MODIFICACIÓN DE LA RESOLUCIÓN 321 DE 1993 – INCLUSO DE PERMISOS AMBIENTALES DEL SISTEMA DE TRANSPORTE DE HIDROCARBUROS APIAY – EL PORVENIR", localizado en jurisdicción de los municipios de Villavicencio, Restrepo, Cumaral, Barranca de Upía en el departamento del Meta; en jurisdicción del municipio de Paratebuena en el departamento de Cundinamarca y jurisdicción de los municipios de Sabanalarga y Monterrey en el departamento del Casanare, identificado con las siguientes coordenadas:

ID	Este (X)	Norte (Y)	ID	Este (X)	Norte (Y)	ID	Este (X)	Norte (Y)
1	1127009,327	1035395,098	135	1087700,68	977261,5869	269	1086792,71	977239,0193
2	1127037,44	1034758,043	136	1086896,345	977111,3033	270	1086890,606	977313,1027
3	1127286,149	1034594,001	137	1086805,328	977083,7865	271	1086948,814	977313,1027
4	1127270,274	1034498,75	138	1086737,595	977011,8197	272	1087086,398	977260,186
5	1127566,607	1034281,792	139	1086585,194	976251,9349	273	1087649,961	977368,6654
6	1127709,483	1034276,5	140	1086497,268	975960,5858	274	1088138,638	977210,1404
7	1127952,9	1034191,833	141	1086420,218	975664,3314	275	1088139,54	977209,924
8	1128550,859	1033953,708	142	1086335,427	975424,3165	276	1088141,174	977209,4326
9	1128630,235	1033842,582	143	1086335,427	975324,833	277	1088141,81	977209,1848
10	1129067,459	1033482,352	144	1086269,81	975252,8662	278	1088142,608	977208,8524
11	1129102,385	1033544,264	145	1086233,827	975132,216	279	1088636,859	977048,5189
12	1128989,672	1033806,202	146	1085660,209	974262,2642	280	1088901,443	976916,2269
13	1129104,204	1033861,17	147	1085452,246	973861,4197	281	1089893,633	977043,2272
14	1129122,981	1033822,798	148	1085332,163	973021,7906	282	1090674,155	977315,7486
15	1129124,763	1033820,629	149	1085291,121	972743,1427	283	1091175,953	977692,4401
16	1129125,859	1033816,917	150	1085097,154	972436,808	284	1092126,72	978098,9168

17	1129157,451	1033752,359	151	1084811,007	972176,3252	285	1092701,841	978243,9817
18	1129279,16	1033819,498	152	1084660,591	972079,4875	286	1093286,505	978518,6198
19	1129306,61	1033810,237	153	1084557,403	972094,1719	287	1093799,137	978851,9954
20	1129405,498	1033615,603	154	1083223,477	971629,4833	288	1093977,069	978862,5788
21	1129286,436	1033406,581	155	1081801,019	971715,5833	289	1094809,601	979657,3158
22	1129344,644	1033311,331	156	1080610,076	971584,8215	290	1095696,451	980353,5089
23	1129512	1033335,914	157	1079672,022	970977,0455	291	1096101,264	980501,1466
24	1129628,417	1033194,097	158	1079343,249	970886,9816	292	1096175,877	980680,5345
25	1129483,954	1033084,03	159	1078857,368	970576,2009	293	1096270,104	980800,318
26	1129807,886	1032224,919	160	1078482,717	970671,4511	294	1096915,688	981091,3603
27	1129797,303	1031986,794	161	1078368,417	970544,4508	295	1097542,752	981472,3611
28	1129527,427	1031071,333	162	1078112,3	970343,3671	296	1097550,69	981681,3823
29	1129003,551	1030605,666	163	1077898,516	969920,0329	297	1098818,046	982117,9457
30	1128649,009	1030012,998	164	1078050,916	969801,4994	298	1099984,861	982734,4261
31	1128389,717	1029785,456	165	1077825,86	968622,1437	299	1101032,613	983544,0527
32	1128151,457	1029688,453	166	1076918,074	968113,666	300	1102294,678	984250,4916
33	1127818,216	1029002,288	167	1075951,814	966613,7401	301	1102723,304	984258,4291
34	1127422,266	1028354,52	168	1075176,9	965561,3847	302	1102958,784	984374,846
35	1127633,404	1028038,607	169	1075092,594	965340,4175	303	1102896,34	984567,3045
36	1127477,829	1027902,082	170	1074875,636	965126,8983	304	1102924,388	985134,2017
37	1127060,315	1027795,719	171	1074624,661	964266,352	305	1104302,87	986245,4539
38	1126742,912	1027489,899	172	1074989,469	962053,1962	306	1106678,612	987708,2774
39	1126075,746	1026413,639	173	1075428,679	961775,3832	307	1107014,633	987750,6108
40	1125753,752	1026066,253	174	1075256,699	961254,153	308	1107414,684	987681,819
41	1124736,951	1024593,302	175	1075455,137	960854,6313	309	1107514,918	987999,6449
42	1124646,993	1024365,76	176	1075377,856	960146,9797	310	1107808,871	988445,7333
43	1124519,993	1024238,759	177	1075286,575	959828,1562	311	1108201,778	988886,2655
44	1123514,574	1022820,59	178	1075387,117	959391,5928	312	1108185,903	988973,5781
45	1121392,611	1021714,629	179	1076004,259	957474,3123	313	1108241,465	989299,0163
46	1120482,443	1021148,42	180	1075974,625	957006,528	314	1109686,093	992438,3038
47	1120074,984	1020248,835	181	1076150,309	956585,3105	315	1110676,695	994579,0519
48	1119699,275	1019629,709	182	1076158,776	956303,7933	316	1112530,899	997531,8078
49	1119238,899	1019100,541	183	1075957,692	955370,3414	317	1113527,851	999176,4611
50	1119318,274	1017465,413	184	1076304,826	953101,2702	318	1113569,761	999463,4816
51	1119117,19	1016454,702	185	1076510,143	952453,5689	319	1113644,373	999512,6942
52	1118593,314	1014988,908	186	1076596,927	952011,1847	320	1114107,924	1001165,285
53	1118633,247	1014808,818	187	1076827,644	951509,5337	321	1114032,518	1001304,192
54	1117889,521	1013427,863	188	1076785,31	950980,366	322	1114155,549	1001300,223
55	1117609,062	1013083,904	189	1076897,494	950669,2154	323	1114334,144	1001947,13
56	1117259,811	1012565,319	190	1076895,377	950478,715	324	1114322,237	1002336,069
57	1116995,228	1011951,485	191	1077077,411	949850,0637	325	1114326,206	1003133,789
58	1116707,675	1011456,807	192	1077259,445	949689,1967	326	1114130,418	1003863,636
59	1116240,79	1010965,157	193	1077333,528	949267,9792	327	1114393,675	1004125,978
60	1115402,588	1009898,355	194	1077441,478	948072,0602	328	1114477,019	1004459,354
61	1114596,137	1009009,353	195	1077259,445	947697,4094	329	1114445,269	1004955,449
62	1114291,336	1008971,253	196	1077253,095	947525,9591	330	1114068,237	1005943,67
63	1113969,507	1008704,55	197	1077329,295	947235,9752	331	1114068,237	1006610,421
64	1113820,678	1008191,919	198	1077475,345	947081,4582	332	1113516,579	1007054,922
65	1113662,685	1007872,701	199	1077498,628	946131,073	333	1113352,806	1007726,913
66	1113467,9	1007691,194	200	1077318,711	945862,2558	334	1113547,275	1007856,559
67	1113630,619	1007064,13	201	1077441,743	945150,1018	335	1113758,674	1008237,612
68	1114157,986	1006678,898	202	1077552,912	944466,3104	336	1113889,643	1008757,519
69	1114170,686	1005948,647	203	1077913,232	944395,0456	337	1114250,8	1009051,207
70	1114503,746	1005112,207	204	1077916,406	943408,0817	338	1114544,488	1009082,957
71	1114570,737	1004424,644	205	1077424,463	943484,0352	339	1115064,395	1009761,615
72	1114426,487	1003995,134	206	1077340,18	943825,8989	340	1116258,991	1011114,961
73	1114405,636	1003370,542	207	1077403,68	944205,3122	341	1116639,992	1011491,993
74	1114411,986	1002246,589	208	1077446,543	944562,5004	342	1116937,649	1012007,932
75	1114488,664	1001875,42	209	1077191,739	945756,8394	343	1117271,024	1012785,808
76	1114323,086	1001459,188	210	1077250,719	945944,3632	344	1118040,963	1014024,061
77	1113675,069	999206,4306	211	1077282,898	947111,5013	345	1118507,041	1014792,149
78	1112988,657	998042,6164	212	1077186,986	947296,71	346	1118544,215	1015110,84
79	1110614,495	994240,1915	213	1077160,528	947954,8624	347	1119005,372	1016373,565
80	1109559,32	991805,3826	214	1077111,272	949581,5204	348	1119195,872	1017445,13
81	1108288,744	989054,7246	215	1076804,487	950418,5314	349	1119223,653	1017599,912
82	1108336,369	988868,193	216	1076725,641	950972,0409	350	1119136,341	1019175,509
83	1107600,885	987961,6164	217	1076750,423	951487,0569	351	1119659,923	1019776,212

84	1107473,157	987620,9647	218	1076538,755	951943,4641	352	1120311,093	1021036,856
85	1106729,022	987637,8781	219	1076439,536	952452,788	353	1120418,249	1021274,982
86	1105103,948	986549,5388	220	1076221,255	953051,409	354	1121493,783	1021945,702
87	1104437,197	986145,2547	221	1075976,515	954714,98	355	1122835,223	1022580,703
88	1104322,897	986132,5546	222	1075923,598	954906,8033	356	1123339,255	1022894,235
89	1103376,745	985412,8865	223	1075873,988	955230,9186	357	1123823,444	1023481,611
90	1102989,394	985042,4691	224	1075989,744	956034,5921	358	1124577,508	1024442,05
91	1102999,977	984523,8847	225	1076065,812	956560,4525	359	1124671,075	1024647,025
92	1103071,944	984382,0678	226	1075834,301	957145,8443	360	1125710,889	1026110,703
93	1103063,477	984219,0841	227	1075890,525	957463,3449	361	1126014,198	1026470,086
94	1102874,866	984119,2311	228	1075235,68	959580,0158	362	1126683,513	1027517,46
95	1102870,502	984116,3104	229	1075182,763	959814,834	363	1127073,509	1027894,227
96	1102869,659	984115,7856	230	1075255,524	960582,1272	364	1127581,858	1028831,497
97	1102868,235	984115,0618	231	1075189,378	960773,9505	365	1127776,327	1029089,466
98	1102862,667	984112,5948	232	1074640,366	963439,6329	366	1128061,499	1029697,978
99	1102862,079	984112,3491	233	1074521,711	964259,0191	367	1128288,296	1029815,749
100	1102861,254	984112,0245	234	1074806,579	965136,4233	368	1128801,589	1030391,748
101	1102703,643	984028,5838	235	1075048,312	965379,0864	369	1128947,378	1030664,146
102	1102326,876	984166,1674	236	1075066,877	965563,8982	370	1129433,945	1031098,187
103	1101713,041	983850,7834	237	1075141,886	965629,7796	371	1129735,838	1032159,045
104	1101109,79	983490,9493	238	1076666,88	967944,2525	372	1129433,945	1033011,128
105	1100303,339	982822,0813	239	1076852,618	968191,903	373	1129026,485	1033021,711
106	1099915,988	982582,8975	240	1077613,032	968603,0664	374	1128936,527	1033214,858
107	1098859,769	982060,0798	241	1077730,507	968938,0295	375	1128629,61	1032897,357
108	1098821,669	981973,2963	242	1077821,789	969974,8014	376	1128169,234	1032571,919
109	1098770,869	981926,7296	243	1078049,331	970406,0731	377	1127878,191	1032624,835
110	1098451,252	981856,8794	244	1078316,561	970604,511	378	1127671,816	1032773,002
111	1098106,234	981706,5958	245	1078361,54	970789,7197	379	1127621,545	1032804,753
112	1098023,684	981626,1623	246	1078956,854	970712,9904	380	1127579,212	1032754,482
113	1097788,734	981433,5452	247	1079314,042	970959,0534	381	1127425,753	1032762,419
114	1097528,383	981361,5784	248	1079628,897	971062,2411	382	1126700,793	1033214,858
115	1097168,549	981128,7446	249	1080603,726	971652,2904	383	1126613,481	1033164,587
116	1096292,247	980707,5271	250	1081794,669	971777,4959	384	1126512,939	1033201,628
117	1096165,247	980472,5766	251	1083207,547	971690,1832	385	1126428,272	1033360,379
118	1096112,33	980421,7765	252	1084880,886	972329,5978	386	1126174,271	1033516,483
119	1095862,563	980343,4597	253	1085052,866	972535,9732	387	1126171,626	1033812,817
120	1095051,878	979761,3752	254	1085208,97	972922,2656	388	1126467,96	1033847,213
121	1094859,261	979511,6081	255	1085163,991	973043,9742	389	1126462,668	1033987,442
122	1094689,927	979435,4079	256	1085228,593	973070,9838	390	1126579,085	1034281,13
123	1094023,176	978806,7566	257	1085253,729	973027,3275	391	1126314,501	1034532,485
124	1093830,559	978789,8233	258	1085311,276	973404,4918	392	1126449,439	1034722,986
125	1093419,925	978516,7727	259	1085292,226	973487,0419	393	1126399,168	1034823,527
126	1092755,29	978192,9221	260	1085304,161	973596,8636	394	1126385,939	1035053,715
127	1092111,822	978013,0051	261	1085356,549	973687,3513	395	1126444,147	1035191,299
128	1091646,155	977805,5713	262	1085397,824	973908,5434	396	1126277,459	1035392,383
129	1091493,754	977354,7204	263	1085569,803	974249,8566	397	1125978,479	1035064,299
130	1091074,653	977303,9203	264	1086149,771	975143,5151	398	1125743	1035183,361
131	1090913,786	977354,7204	265	1086192,104	975302,2654	399	1126116,063	1035649,029
132	1090600,519	977187,5034	266	1086514,897	976257,4131	400	1126356,834	1035821,009
133	1089935,884	976973,7196	267	1086549,293	976521,997	401	1126282,6	1035987,623
134	1088894,482	976838,2527	268	1086671,001	977051,1647	402	1126790,054	1036213,413
						403	1127213,917	1036184,838
						404	1127164,44	1035615,294

Fuente: Suministrada por el solicitante; radicado externo EXTM17-2360 del 23 de enero de 2017.

TERCERO. Que la información sobre la cual se expide la presente certificación aplica específicamente para las coordenadas y las características técnicas relacionadas y entregadas por el solicitante, a través del oficio con radicado externo EXTM17-2360, del 23 de enero de 2017, para el proyecto: **"COMPLEMENTO ESTUDIO DE IMPACTO AMBIENTAL PARA LA MODIFICACIÓN DE LA RESOLUCIÓN 321 DE 1993 – INCLUSO DE PERMISOS AMBIENTALES DEL SISTEMA DE TRANSPORTE DE HIDROCARBUROS APIAY – EL PORVENIR"**, localizado en jurisdicción de los municipios de Villavicencio, Restrepo, Cumaral, Barranca de Upía en el departamento del Meta; en jurisdicción del municipio de Paratebueno en el departamento de Cundinamarca y

jurisdicción de los municipios de Sabanalarga y Monterrey en el departamento del Casanare, identificado con las siguientes coordenadas:

ID	Este (X)	Norte (Y)	ID	Este (X)	Norte (Y)	ID	Este (X)	Norte (Y)
1	1127009,327	1035395,098	135	1087700,68	977261,5869	269	1086792,71	977239,0193
2	1127037,44	1034758,043	136	1086896,345	977111,3033	270	1086890,606	977313,1027
3	1127286,149	1034594,001	137	1086805,328	977083,7865	271	1086948,814	977313,1027
4	1127270,274	1034498,75	138	1086737,595	977011,8197	272	1087086,398	977260,186
5	1127566,607	1034281,792	139	1086585,194	976251,9349	273	1087649,961	977368,6654
6	1127709,483	1034276,5	140	1086497,268	975960,5858	274	1088138,638	977210,1404
7	1127952,9	1034191,833	141	1086420,218	975664,3314	275	1088139,54	977209,924
8	1128550,859	1033953,708	142	1086335,427	975424,3165	276	1088141,174	977209,4326
9	1128630,235	1033842,582	143	1086335,427	975324,833	277	1088141,81	977209,1848
10	1129067,459	1033482,352	144	1086269,81	975252,8662	278	1088142,608	977208,8524
11	1129102,385	1033544,264	145	1086233,827	975132,216	279	1088636,859	977048,5189
12	1128989,672	1033806,202	146	1085660,209	974262,2642	280	1088901,443	976916,2269
13	1129104,204	1033861,17	147	1085452,246	973861,4197	281	1089893,633	977043,2272
14	1129122,981	1033822,798	148	1085332,163	973021,7906	282	1090674,155	977315,7486
15	1129124,763	1033820,629	149	1085291,121	972743,1427	283	1091175,953	977692,4401
16	1129125,859	1033816,917	150	1085097,154	972436,808	284	1092126,72	978098,9168
17	1129157,451	1033752,359	151	1084811,007	972176,3252	285	1092701,841	978243,9817
18	1129279,16	1033819,498	152	1084660,591	972079,4875	286	1093286,505	978518,6198
19	1129306,61	1033810,237	153	1084557,403	972094,1719	287	1093799,137	978851,9954
20	1129405,498	1033615,603	154	1083223,477	971629,4833	288	1093977,069	978862,5788
21	1129286,436	1033406,581	155	1081801,019	971715,5833	289	1094809,601	979657,3158
22	1129344,644	1033311,331	156	1080610,076	971584,8215	290	1095696,451	980353,5089
23	1129512	1033335,914	157	1079672,022	970977,0455	291	1096101,264	980501,1466
24	1129628,417	1033194,097	158	1079343,249	970886,9816	292	1096175,877	980680,5345
25	1129483,954	1033084,03	159	1078857,368	970576,2009	293	1096270,104	980800,318
26	1129807,886	1032224,919	160	1078482,717	970671,4511	294	1096915,688	981091,3603
27	1129797,303	1031986,794	161	1078368,417	970544,4508	295	1097542,752	981472,3611
28	1129527,427	1031071,333	162	1078112,3	970343,3671	296	1097550,69	981681,3823
29	1129003,551	1030605,666	163	1077898,516	969920,0329	297	1098818,046	982117,9457
30	1128649,009	1030012,998	164	1078050,916	969801,4994	298	1099984,861	982734,4261
31	1128389,717	1029785,456	165	1077825,86	968622,1437	299	1101032,613	983544,0527
32	1128151,457	1029688,453	166	1076918,074	968113,666	300	1102294,678	984250,4916
33	1127818,216	1029002,288	167	1075951,814	966613,7401	301	1102723,304	984258,4291
34	1127422,266	1028354,52	168	1075176,9	965561,3847	302	1102958,784	984374,846
35	1127633,404	1028038,607	169	1075092,594	965340,4175	303	1102896,34	984567,3045
36	1127477,829	1027902,082	170	1074875,636	965126,8983	304	1102924,388	985134,2017
37	1127060,315	1027795,719	171	1074624,661	964266,352	305	1104302,87	986245,4539
38	1126742,912	1027489,899	172	1074989,469	962053,1962	306	1106678,612	987708,2774
39	1126075,746	1026413,639	173	1075428,679	961775,3832	307	1107014,633	987750,6108
40	1125753,752	1026066,253	174	1075256,699	961254,153	308	1107414,684	987681,819
41	1124736,951	1024593,302	175	1075455,137	960854,6313	309	1107514,918	987999,6449
42	1124646,993	1024365,76	176	1075377,856	960146,9797	310	1107808,871	988445,7333
43	1124519,993	1024238,759	177	1075286,575	959828,1562	311	1108201,778	988886,2655
44	1123514,574	1022820,59	178	1075387,117	959391,5928	312	1108185,903	988973,5781
45	1121392,611	1021714,629	179	1076004,259	957474,3123	313	1108241,465	989299,0163
46	1120482,443	1021148,42	180	1075974,625	957006,528	314	1109686,093	992438,3038
47	1120074,984	1020248,835	181	1076150,309	956585,3105	315	1110676,695	994579,0519
48	1119699,275	1019629,709	182	1076158,776	956303,7933	316	1112530,899	997531,8078
49	1119238,899	1019100,541	183	1075957,692	955370,3414	317	1113527,851	999176,4611
50	1119318,274	1017465,413	184	1076304,826	953101,2702	318	1113569,761	999463,4816
51	1119117,19	1016454,702	185	1076510,143	952453,5689	319	1113644,373	999512,6942
52	1118593,314	1014988,908	186	1076596,927	952011,1847	320	1114107,924	1001165,285
53	1118633,247	1014808,818	187	1076827,644	951509,5337	321	1114032,518	1001304,192
54	1117889,521	1013427,863	188	1076785,31	950980,366	322	1114155,549	1001300,223
55	1117609,062	1013083,904	189	1076897,494	950669,2154	323	1114334,144	1001947,13
56	1117259,811	1012565,319	190	1076895,377	950478,715	324	1114322,237	1002336,069
57	1116995,228	1011951,485	191	1077077,411	949850,0637	325	1114326,206	1003133,789
58	1116707,675	1011456,807	192	1077259,445	949689,1967	326	1114130,418	1003863,636
59	1116240,79	1010965,157	193	1077333,528	949267,9792	327	1114393,675	1004125,978
60	1115402,588	1009898,355	194	1077441,478	948072,0602	328	1114477,019	1004459,354
61	1114596,137	1009009,353	195	1077259,445	947697,4094	329	1114445,269	1004955,449
62	1114291,336	1008971,253	196	1077253,095	947525,9591	330	1114068,237	1005943,67
63	1113969,507	1008704,55	197	1077329,295	947235,9752	331	1114068,237	1006610,421

64	1113820,678	1008191,919	198	1077475,345	947081,4582	332	1113516,579	1007054,922
65	1113662,685	1007872,701	199	1077498,628	946131,073	333	1113352,806	1007726,913
66	1113467,9	1007691,194	200	1077318,711	945862,2558	334	1113547,275	1007856,559
67	1113630,619	1007064,13	201	1077441,743	945150,1018	335	1113758,674	1008237,612
68	1114157,986	1006678,898	202	1077552,912	944466,3104	336	1113889,643	1008757,519
69	1114170,686	1005948,647	203	1077913,232	944395,0456	337	1114250,8	1009051,207
70	1114503,746	1005112,207	204	1077916,406	943408,0817	338	1114544,488	1009082,957
71	1114570,737	1004424,644	205	1077424,463	943484,0352	339	1115064,395	1009761,615
72	1114426,487	1003995,134	206	1077340,18	943825,8989	340	1116258,991	1011114,961
73	1114405,636	1003370,542	207	1077403,68	944205,3122	341	1116639,992	1011491,993
74	1114411,986	1002246,589	208	1077446,543	944562,5004	342	1116937,649	1012007,932
75	1114488,664	1001875,42	209	1077191,739	945756,8394	343	1117271,024	1012785,808
76	1114323,086	1001459,188	210	1077250,719	945944,3632	344	1118040,963	1014024,061
77	1113675,069	999206,4306	211	1077282,898	947111,5013	345	1118507,041	1014792,149
78	1112988,657	998042,6164	212	1077186,986	947296,71	346	1118544,215	1015110,84
79	1110614,495	994240,1915	213	1077160,528	947954,8624	347	1119005,372	1016373,565
80	1109559,32	991805,3826	214	1077111,272	949581,5204	348	1119195,872	1017445,13
81	1108288,744	989054,7246	215	1076804,487	950418,5314	349	1119223,653	1017599,912
82	1108336,369	988868,193	216	1076725,641	950972,0409	350	1119136,341	1019175,509
83	1107600,885	987961,6164	217	1076750,423	951487,0569	351	1119659,923	1019776,212
84	1107473,157	987620,9647	218	1076538,755	951943,4641	352	1120311,093	1021036,856
85	1106729,022	987637,8781	219	1076439,536	952452,788	353	1120418,249	1021274,982
86	1105103,948	986549,5388	220	1076221,255	953051,409	354	1121493,783	1021945,702
87	1104437,197	986145,2547	221	1075976,515	954714,98	355	1122835,223	1022580,703
88	1104322,897	986132,5546	222	1075923,598	954906,8033	356	1123339,255	1022894,235
89	1103376,745	985412,8865	223	1075873,988	955230,9186	357	1123823,444	1023481,611
90	1102989,394	985042,4691	224	1075989,744	956034,5921	358	1124577,508	1024442,05
91	1102999,977	984523,8847	225	1076065,812	956560,4525	359	1124671,075	1024647,025
92	1103071,944	984382,0678	226	1075834,301	957145,8443	360	1125710,889	1026110,703
93	1103063,477	984219,0841	227	1075890,525	957463,3449	361	1126014,198	1026470,086
94	1102874,866	984119,2311	228	1075235,68	959580,0158	362	1126683,513	1027517,46
95	1102870,502	984116,3104	229	1075182,763	959814,834	363	1127073,509	1027894,227
96	1102869,659	984115,7856	230	1075255,524	960582,1272	364	1127581,858	1028831,497
97	1102868,235	984115,0618	231	1075189,378	960773,9505	365	1127776,327	1029089,466
98	1102862,667	984112,5948	232	1074640,366	963439,6329	366	1128061,499	1029697,978
99	1102862,079	984112,3491	233	1074521,711	964259,0191	367	1128288,296	1029815,749
100	1102861,254	984112,0245	234	1074806,579	965136,4233	368	1128801,589	1030391,748
101	1102703,643	984028,5838	235	1075048,312	965379,0864	369	1128947,378	1030664,146
102	1102326,876	984166,1674	236	1075066,877	965563,8982	370	1129433,945	1031098,187
103	1101713,041	983850,7834	237	1075141,886	965629,7796	371	1129735,838	1032159,045
104	1101109,79	983490,9493	238	1076666,88	967944,2525	372	1129433,945	1033011,128
105	1100303,339	982822,0813	239	1076852,618	968191,903	373	1129026,485	1033021,711
106	1099915,988	982582,8975	240	1077613,032	968603,0664	374	1128936,527	1033214,858
107	1098859,769	982060,0798	241	1077730,507	968938,0295	375	1128629,61	1032897,357
108	1098821,669	981973,2963	242	1077821,789	969974,8014	376	1128169,234	1032571,919
109	1098770,869	981926,7296	243	1078049,331	970406,0731	377	1127878,191	1032624,835
110	1098451,252	981856,8794	244	1078316,561	970604,511	378	1127671,816	1032773,002
111	1098106,234	981706,5958	245	1078361,54	970789,7197	379	1127621,545	1032804,753
112	1098023,684	981626,1623	246	1078956,854	970712,9904	380	1127579,212	1032754,482
113	1097788,734	981433,5452	247	1079314,042	970959,0534	381	1127425,753	1032762,419
114	1097528,383	981361,5784	248	1079628,897	971062,2411	382	1126700,793	1033214,858
115	1097168,549	981128,7446	249	1080603,726	971652,2904	383	1126613,481	1033164,587
116	1096292,247	980707,5271	250	1081794,669	971777,4959	384	1126512,939	1033201,628
117	1096165,247	980472,5766	251	1083207,547	971690,1832	385	1126428,272	1033360,379
118	1096112,33	980421,7765	252	1084880,886	972329,5978	386	1126174,271	1033516,483
119	1095862,563	980343,4597	253	1085052,866	972535,9732	387	1126171,626	1033812,817
120	1095051,878	979761,3752	254	1085208,97	972922,2656	388	1126467,96	1033847,213
121	1094859,261	979511,6081	255	1085163,991	973043,9742	389	1126462,668	1033987,442
122	1094689,927	979435,4079	256	1085228,593	973070,9838	390	1126579,085	1034281,13
123	1094023,176	978806,7566	257	1085253,729	973027,3275	391	1126314,501	1034532,485
124	1093830,559	978789,8233	258	1085311,276	973404,4918	392	1126449,439	1034722,986
125	1093419,925	978516,7727	259	1085292,226	973487,0419	393	1126399,168	1034823,527
126	1092755,29	978192,9221	260	1085304,161	973596,8636	394	1126385,939	1035053,715
127	1092111,822	978013,0051	261	1085356,549	973687,3513	395	1126444,147	1035191,299
128	1091646,155	977805,5713	262	1085397,824	973908,5434	396	1126277,459	1035392,383
129	1091493,754	977354,7204	263	1085569,803	974249,8566	397	1125978,479	1035064,299
130	1091074,653	977303,9203	264	1086149,771	975143,5151	398	1125743	1035183,361

131	1090913,786	977354,7204	265	1086192,104	975302,2654	399	1126116,063	1035649,029
132	1090600,519	977187,5034	266	1086514,897	976257,4131	400	1126356,834	1035821,009
133	1089935,884	976973,7196	267	1086549,293	976521,997	401	1126282,6	1035987,623
134	1088894,482	976838,2527	268	1086671,001	977051,1647	402	1126790,054	1036213,413
						403	1127213,917	1036184,838
						404	1127164,44	1035615,294

Fuente: Suministrada por el solicitante; radicado externo EXTMI17-2360 del 23 de enero de 2017.

CUARTO. Contra el presente acto administrativo procede el recurso de reposición, el cual deberá interponerse por escrito en la diligencia de notificación personal, o dentro de los diez (10) días siguientes a ella, o a la notificación por aviso, ante esta Dirección, de conformidad con lo establecido en el artículo 76 de la Ley 1437 de 2011 (Código de Procedimiento Administrativo y de lo Contencioso Administrativo).

COMUNÍQUESE Y NOTIFÍQUESE

ÁLVARO ECHEVERRY LONDOÑO
Director de Consulta Previa

Elaboró: Richard F Sintura P. Abogado D.C.P.
Aprobó: Luis Fernando Mora. Líder Área de Certificaciones

T.R.D. 2500.09.06