

AGÊNCIA NACIONAL DE ENERGIA ELÉTRICA – ANEEL

RESOLUÇÃO AUTORIZATIVA Nº 9.125, DE 11 DE AGOSTO DE 2020

Declara de utilidade pública, em favor da Vale do Cavernoso Geração de Energia Ltda. as áreas de terra necessárias à implantação da Pequena Central Hidrelétrica Cavernoso IV, localizada nos municípios de Candói e Cantagalo, estado do Paraná.

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O DIRETOR-GERAL DA AGÊNCIA NACIONAL DE ENERGIA ELÉTRICA – ANEEL, no uso de suas atribuições regimentais, de acordo com deliberação da Diretoria, tendo em vista o disposto no art. 29, inciso VIII, da Lei nº 8.987, de 13 de fevereiro de 1995, no art. 10 da Lei nº 9.074, de 7 de julho de 1995, com redação dada pela Lei nº 9.648, de 27 de maio de 1998, no Decreto-Lei nº 3.365, de 21 de junho de 1941, com base no art. 3º-A da Lei nº 9.427, de 26 de dezembro de 1996, no inciso I do art. 75-A do Decreto nº 5.163, de 30 de julho de 2004, com redação dada pelo Decreto nº 10.272, de 12 de março de 2020, na Resolução Normativa nº 740, de 11 de outubro de 2016, e o que consta do Processo nº 48500.003033/2020-59, resolve:

Art. 1º Declarar de utilidade pública, para fins de desapropriação e servidão administrativa, em favor da Vale do Cavernoso Geração de Energia Ltda., inscrita no CNPJ/MF sob o nº 25.290.240/0001-07, com sede na rua Itapuã, nº 1.161, bairro Bancários, na cidade de Pato Branco, estado do Paraná, as áreas que perfazem uma superfície de 21,8429 ha (vinte e um hectares, oitenta e quatro ares e vinte e nove centiares) para desapropriação, e de 41,9729 ha (quarenta e um hectares, noventa e sete ares e vinte e nove centiares) para servidão administrativa, localizadas nos municípios de Candói e Cantagalo, estado do Paraná, necessárias à implantação da Pequena Central Hidrelétrica Cavernoso IV, empreendimento cadastrado sob o Código Único de Empreendimentos de Geração (CEG) nº PCH.PH.PR.034241-6.01.

§ 1º As áreas de terras referidas no caput descrevem-se e caracterizam-se por meio de distâncias, azimutes e coordenadas dos vértices de polígonos na projeção UTM, referenciadas ao Meridiano Central 51º W Gr, fuso 22 S, tendo como Datum horizontal o SIRGAS 2000, conforme memorial descritivo constante no Anexo “MEMORIAL5537” desta Resolução.

§ 2º A Vale do Cavernoso Geração de Energia Ltda. deverá fiscalizar as terras destinadas à implantação da PCH Cavernoso IV, promovendo sua gestão sócio-patrimonial.

Art. 2º Em relação às propriedades privadas referidas no art. 1º, a Vale do Cavernoso Geração de Energia Ltda. fica autorizada a promover, com recursos próprios, amigável ou judicialmente, as

desapropriações de domínio, podendo, inclusive, invocar o caráter de urgência para fins de imissão provisória na posse dos bens, nos termos do art. 15 do Decreto-Lei nº 3.365, de 21 de junho de 1941, alterado pela Lei nº 2.786, de 21 de maio de 1956.

Art. 3º Em relação às propriedades públicas eventualmente contidas no polígono referido no art. 1º, a DUP denota afetação específica de geração de energia elétrica, cabendo à Vale do Cavernoso Geração de Energia Ltda. a postulação de instrumentos que permitam o pretendido uso.

§1º A declaração de utilidade pública das áreas públicas não confere poderes expropriatórios à Vale do Cavernoso Geração de Energia Ltda. em face da União ou dos órgãos da Administração Pública Federal Indireta.

§2º A cessão das áreas públicas declaradas de utilidade pública será formalizada mediante ulterior contrato de cessão de uso a ser celebrado com a Vale do Cavernoso Geração de Energia Ltda., nos termos da Lei nº 9.636, de 15 de maio de 1998.

Art. 4º A Vale do Cavernoso Geração de Energia Ltda. deverá apresentar em até 60 (sessenta) dias a contar da data de entrada em operação do empreendimento, o Quadro-Resumo do Levantamento e Situação das Áreas Objeto da Declaração de Utilidade Pública - DUP, conforme modelo do Anexo III da Resolução Normativa nº [740](#), de 11 de outubro de 2016, assinado pelo representante legal, devidamente preenchido de forma que seja possível a identificação dos proprietários ou possuidores das áreas de terra afetadas.

Art. 5º A Vale do Cavernoso Geração de Energia Ltda. fica obrigada a atender às determinações emanadas das leis e dos regulamentos administrativos estabelecidos pelos órgãos ambientais, aplicáveis ao empreendimento, bem como aos procedimentos previstos nas normas e regulamentos que disciplinam a construção, operação e manutenção de Pequenas Centrais Hidrelétricas.

Art. 6º A descrição das áreas de terras referidas no § 2º do art. 1º, contida no Anexo desta Resolução, encontra-se no Processo supracitado e está disponível em www.aneel.gov.br.

Art. 7º Esta Resolução entra em vigor na data de sua publicação.

ANDRÉ PEPITONE DA NÓBREGA

[Retificado no D.O. de 31.08.2020.](#)

ANEXO
DECLARAÇÃO DE UTILIDADE PÚBLICA
MEMORIAL 5537

Polígono 01				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104451	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Reservatório	Desapropriação	5,109054	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390701.957		7187584.068	
1	390702.458		7187602.047	
2	390704.754		7187610.145	
3	390710.458		7187618.833	
4	390716.929		7187625.781	
5	390723.482		7187630.927	
6	390728.082		7187632.793	
7	390731.688		7187631.78	
8	390735.959		7187630.58	
9	390738.735		7187630.128	
10	390754.006		7187627.644	
11	390762.719		7187627.114	
12	390779.685		7187628.797	
13	390782.77		7187630.181	
14	390785.885		7187633.001	
15	390800.548		7187654.472	
16	390803.689		7187657.577	
17	390805.4		7187658.506	
18	390824.938		7187661.699	
19	390832.983		7187662.196	
20	390844.515		7187661.527	
21	390851.271		7187660.198	
22	390857.706		7187661.117	
23	390862.285		7187658.239	
24	390866.78		7187658.296	
25	390868.146		7187657.807	
26	390872.615		7187654.796	
27	390892.332		7187647.277	

28	390897.063	7187644.62
29	390903.932	7187639.529
30	390911.981	7187635.569
31	390921.141	7187628.694
32	390927.876	7187626.072
33	390935.387	7187620.034
34	390937.197	7187617.168
35	390937.64	7187614.368
36	390935.33	7187607.178
37	390935.37	7187604.76
38	390935.81	7187603.82
39	390936.73	7187603.397
40	390945.671	7187603.205
41	390952.372	7187604.961
42	390957.67	7187608.164
43	390965.432	7187611.402
44	390971.685	7187614.819
45	390987.487	7187626.76
46	391000.131	7187635.14
47	391007.493	7187641.12
48	391012.017	7187644.101
49	391016.754	7187648.298
50	391024.041	7187656.023
51	391027.35	7187658.486
52	391045.173	7187667.192
53	391051.97	7187673.206
54	391055.326	7187675.212
55	391064.329	7187677.32
56	391069.138	7187679.23
57	391082.532	7187689.383
58	391085.559	7187690.905
59	391088.613	7187691.931
60	391092.262	7187692.293
61	391103.487	7187690.683
62	391112.263	7187687.382
63	391121.578	7187680.514
64	391126.503	7187679.947
65	391157.175	7187689.048
66	391157.715	7187688.356
67	391157.539	7187685.954
68	391158.943	7187684.762
69	391160.333	7187684.451

70	391166.358	7187686.207
71	391173.695	7187687.275
72	391178.4	7187689.362
73	391186.252	7187691.411
74	391193.403	7187696.213
75	391199.641	7187697.81
76	391200.71	7187698.499
77	391201.209	7187700.582
78	391202.222	7187701.271
79	391214.348	7187704.22
80	391223.303	7187707.39
81	391249.066	7187719.334
82	391257.357	7187725.959
83	391267.456	7187736.639
84	391273.869	7187742.102
85	391280.168	7187751.091
86	391285.357	7187757.468
87	391292.577	7187762.516
88	391296.547	7187764.657
89	391300.097	7187765.925
90	391303.485	7187766.483
91	391310.612	7187765.948
92	391312.201	7187766.197
93	391322.755	7187769.594
94	391329.401	7187771.202
95	391346.275	7187783.782
96	391353.87	7187791.172
97	391360.239	7187799.665
98	391367.377	7187804.68
99	391370.254	7187806.416
100	391370.972	7187806.389
101	391369.968	7187800.684
102	391370.204	7187799.877
103	391370.98	7187799.608
104	391374.528	7187800.735
105	391378.062	7187802.893
106	391389.643	7187815.325
107	391401.237	7187830.999
108	391407.252	7187836.489
109	391416.821	7187842.241
110	391421.182	7187846.928
111	391424.959	7187852.228

112	391432.395	7187867.833
113	391433.906	7187871.916
114	391434.085	7187873.233
115	391433.364	7187874.691
116	391434.078	7187876.113
117	391438.301	7187880.469
118	391440.262	7187881.274
119	391442.328	7187881.033
120	391445.329	7187885.922
121	391449.737	7187890.064
122	391451.717	7187894.07
123	391468.124	7187910.931
124	391473.084	7187918.099
125	391478.514	7187924.502
126	391483.322	7187928.446
127	391484.64	7187928.97
128	391486.15	7187928.38
129	391487.46	7187928.589
130	391495.207	7187931.127
131	391503.973	7187930.669
132	391510.894	7187929.274
133	391513.931	7187929.538
134	391523.338	7187932.309
135	391532.092	7187935.983
136	391535.314	7187936.175
137	391540.903	7187935.394
138	391548.907	7187936.723
139	391559.457	7187941.33
140	391567.366	7187946.763
141	391577.543	7187956.12
142	391585.095	7187961.857
143	391593.428	7187974.378
144	391604.264	7187984.803
145	391607.151	7187989.038
146	391607.402	7187992.174
147	391606.403	7187995.261
148	391603.47	7187999.853
149	391603.036	7188002.603
150	391603.489	7188003.982
151	391608.441	7188007.72
152	391613.442	7188013.4
153	391616.809	7188013.344

154	391624.032	7188008.556
155	391625.279	7188007.228
156	391629.372	7188010.047
157	391634.538	7188012.373
158	391646.676	7188015.201
159	391654.91	7188016.164
160	391661.871	7188015.658
161	391679.181	7188017.039
162	391686.106	7188015.802
163	391691.818	7188015.739
164	391703.414	7188014.596
165	391709.917	7188012.44
166	391713.314	7188013.185
167	391715.58	7188013.155
168	391726.049	7188008.905
169	391740.487	7188004.852
170	391765.606	7188004.252
171	391778.861	7187997.342
172	391788.87	7187995.064
173	391792.469	7187994.938
174	391799.083	7187995.93
175	391808.318	7187996.487
176	391817.244	7187996.053
177	391820.433	7187996.925
178	391824.621	7187998.945
179	391829.305	7187999.475
180	391832.461	7187998.116
181	391840.883	7187991.645
182	391847.863	7187988.436
183	391856.024	7187985.827
184	391865.429	7187981.764
185	391871.376	7187980.056
186	391877.47	7187977.124
187	391898.811	7187970.398
188	391907.334	7187966.48
189	391916.75	7187964.514
190	391922.068	7187962.883
191	391925.288	7187963.605
192	391927.042	7187964.868
193	391929.887	7187968.017
194	391933.812	7187973.774
195	391936.184	7187975.665

196	391940.857	7187976.837
197	391948.597	7187976.84
198	391951.323	7187976.428
199	391955.621	7187974.326
200	391958.354	7187969.654
201	391958.716	7187967.473
202	391958.385	7187963.317
203	391955.039	7187954.985
204	391954.427	7187950.311
205	391955.498	7187947.253
206	391958.157	7187943.772
207	391959.83	7187938.238
208	391961.568	7187936.546
209	391964.56	7187935.134
210	391963.143	7187932.302
211	391963.245	7187929.581
212	391963.91	7187929.101
213	391965.038	7187929.606
214	391967.466	7187933.202
215	391969.807	7187932.785
216	391973.602	7187930.804
217	391979.455	7187930.975
218	391985.981	7187928.614
219	391995.995	7187929.06
220	392003.37	7187931.965
221	392007.342	7187932.754
222	392017.966	7187932.642
223	392021.332	7187933.361
224	392029.044	7187937.923
225	392049.953	7187955.599
226	392054.249	7187957.445
227	392057.529	7187958.066
228	392059.022	7187957.909
229	392061.051	7187956.804
230	392064.116	7187952.68
231	392072.773	7187946.106
232	392079.291	7187941.939
233	392085.281	7187935.913
234	392092.281	7187932.215
235	392095.709	7187929.658
236	392099.031	7187925.579
237	392099.38	7187922.822

238	392094.579	7187914.357
239	392090.305	7187910.728
240	392084.522	7187908.306
241	392083.985	7187908.039
242	392084.234	7187907.767
243	392100.896	7187906.694
244	392104.953	7187905.982
245	392108.807	7187904.536
246	392121.936	7187903.765
247	392127.385	7187902.789
248	392144.062	7187896.787
249	392149.317	7187895.471
250	392153.307	7187893.089
251	392157.985	7187891.733
252	392161.15	7187890.259
253	392169.852	7187888.61
254	392178.693	7187888.336
255	392184.285	7187887.59
256	392200.237	7187883.286
257	392205.042	7187880.81
258	392216.893	7187877.673
259	392223.795	7187876.499
260	392232.502	7187872.969
261	392238.563	7187873.232
262	392241.424	7187872.901
263	392243.222	7187872.001
264	392255.033	7187862.83
265	392267.339	7187857.124
266	392269.19	7187856.04
267	392271.219	7187853.975
268	392286.513	7187852.026
269	392295.842	7187849.544
270	392299.852	7187847.887
271	392305.288	7187847.332
272	392310.07	7187844.89
273	392329.288	7187844.419
274	392338.512	7187842.295
275	392341.608	7187839.583
276	392343.023	7187837.14
277	392344.649	7187835.608
278	392353.285	7187832.384
279	392359.039	7187828.738

280	392363.152	7187827.991
281	392368.437	7187826.718
282	392371.123	7187826.127
283	392375.019	7187823.782
284	392382.461	7187821.072
285	392390.437	7187819.796
286	392398.025	7187820.109
287	392400.746	7187819.538
288	392409.455	7187814.993
289	392417.054	7187811.913
290	392420.527	7187809.306
291	392426.976	7187802.689
292	392436.918	7187798.82
293	392451.175	7187790.843
294	392462.666	7187785.388
295	392477.329	7187780.79
296	392489.667	7187778.675
297	392492.154	7187777.603
298	392498.118	7187772.94
299	392505.608	7187765.523
300	392508.167	7187760.764
301	392510.176	7187751.989
302	392512.329	7187749.539
303	392518.037	7187744.816
304	392522.972	7187736.583
305	392527.795	7187731.901
306	392534.013	7187727.913
307	392537.09	7187724.887
308	392538.219	7187721.856
309	392537.979	7187718.727
310	392536.406	7187712.03
311	392536.365	7187708.965
312	392537	7187706.793
313	392541.456	7187699.448
314	392543.271	7187695.108
315	392547.099	7187690.104
316	392551.505	7187682.234
317	392558.769	7187673.511
318	392563.804	7187665.963
319	392565.79	7187662.721
320	392569.102	7187657.089
321	392572.342	7187651.668

322	392575.301	7187646.598
323	392578.179	7187642.216
324	392578.847	7187640.659
325	392580.92	7187638.085
326	392582.753	7187632.893
327	392592.072	7187613.744
328	392593.024	7187606.791
329	392592.823	7187602.107
330	392591.919	7187598.977
331	392588.39	7187591.632
332	392587.043	7187584.254
333	392584.191	7187576.82
334	392583.875	7187572.194
335	392584.991	7187557.85
336	392586.943	7187551.249
337	392588.255	7187540.547
338	392590.568	7187535.096
339	392591.092	7187532.428
340	392590.996	7187529.429
341	392589.786	7187522.738
342	392590.017	7187521.409
343	392591.785	7187518.736
344	392593.08	7187515.293
345	392594.488	7187508.422
346	392594.303	7187504.625
347	392589.476	7187494.041
348	392588.792	7187490.786
349	392589.001	7187486.324
350	392587.707	7187483.846
351	392585.295	7187482.111
352	392579.625	7187481.508
353	392576.14	7187480.489
354	392567.199	7187474.722
355	392558.398	7187470.615
356	392555.475	7187467.243
357	392552.272	7187460.837
358	392553.861	7187456.752
359	392558.232	7187452.158
360	392565.61	7187450.333
361	392573.528	7187444.9
362	392579.54	7187442.282
363	392584.115	7187439.272

364	392594.272	7187435.727
365	392600.218	7187432.523
366	392609.782	7187430.831
367	392619.859	7187429.816
368	392633.272	7187431.241
369	392639.338	7187435.149
370	392645.268	7187437.615
371	392647.869	7187439.537
372	392651.652	7187443.306
373	392656.61	7187451.075
374	392662.52	7187472.184
375	392663.785	7187480.118
376	392664.714	7187492.629
377	392659.128	7187512.301
378	392658.464	7187518.076
379	392656.654	7187524.6
380	392655.548	7187536.105
381	392656.185	7187539.227
382	392664.928	7187549.834
383	392667.008	7187553.918
384	392667.258	7187556.84
385	392664.504	7187561.567
386	392664.556	7187564.349
387	392665.686	7187566.319
388	392681.518	7187579.344
389	392674.02	7187569.715
390	392669.951	7187563.009
391	392670.962	7187559.294
392	392672.59	7187554.823
393	392672.183	7187551.368
394	392671.165	7187545.068
395	392669.945	7187540.191
396	392668.521	7187535.313
397	392666.481	7187524.073
398	392667.498	7187514.725
399	392670.441	7187503.014
400	392671.196	7187498.963
401	392672.575	7187494.581
402	392672.738	7187482.313
403	392670.092	7187468.627
404	392664.715	7187457.745
405	392663.666	7187451.959

406	392661.291	7187447.948
407	392655.366	7187440.739
408	392650.092	7187434.856
409	392636.882	7187426.035
410	392633.378	7187424.798
411	392621.455	7187422.642
412	392608.45	7187423.635
413	392601.084	7187424.958
414	392594.563	7187427.552
415	392590.694	7187429.808
416	392583.074	7187430.964
417	392580.549	7187432.1
418	392575.482	7187435.927
419	392571.237	7187437.744
420	392566.517	7187442.009
421	392562.388	7187444.007
422	392557.19	7187445.954
423	392553.032	7187449.069
424	392550.044	7187452.443
425	392546.795	7187455.948
426	392545.492	7187461.809
427	392545.362	7187465.444
428	392546.79	7187470.663
429	392548.739	7187472.999
430	392551.468	7187476.244
431	392557.072	7187481.734
432	392560.97	7187484.33
433	392563.959	7187486.666
434	392566.427	7187488.483
435	392570.326	7187489.521
436	392574.484	7187490.3
437	392578.252	7187491.858
438	392580.331	7187493.935
439	392581.24	7187497.179
440	392580.721	7187502.501
441	392580.721	7187506.525
442	392580.721	7187510.159
443	392580.071	7187514.702
444	392578.933	7187518.934
445	392578.73	7187531.196
446	392578.522	7187536.929
447	392579.117	7187539.223

448	392579.719	7187541.294
449	392577.463	7187549.652
450	392576.757	7187555.064
451	392576.079	7187559.159
452	392575.735	7187565.99
453	392576.026	7187569.119
454	392576.026	7187573.019
455	392575.732	7187575.862
456	392576.331	7187582.1
457	392577.082	7187584.773
458	392577.082	7187587.906
459	392577.396	7187591.78
460	392580.153	7187596.875
461	392583.258	7187600.098
462	392585.349	7187604.452
463	392585.434	7187608.13
464	392583.678	7187613.764
465	392581.747	7187619.554
466	392578.497	7187625.857
467	392576.771	7187630.357
468	392575.055	7187635.643
469	392572.857	7187640.504
470	392572.05	7187641.892
471	392569.34	7187645.858
472	392566.977	7187650.593
473	392563.665	7187658.017
474	392560.958	7187661.685
475	392556.876	7187666.149
476	392554.467	7187669.481
477	392552.678	7187670.719
478	392547.138	7187676.37
479	392543.915	7187681.933
480	392541.331	7187685.668
481	392536.562	7187690.29
482	392533.664	7187694.855
483	392530.562	7187699.304
484	392529.43	7187704.173
485	392528.145	7187707.051
486	392528.413	7187710.191
487	392529.278	7187716.581
488	392529.425	7187717.973
489	392528.952	7187718.817

490	392528.792	7187719.109
491	392527.62	7187720.008
492	392525.78	7187721.164
493	392522.83	7187725.21
494	392521.053	7187727.297
495	392517.94	7187729.451
496	392514.506	7187733.403
497	392513.745	7187735.532
498	392512.207	7187738.152
499	392509.354	7187740.188
500	392503.775	7187745.121
501	392500.436	7187749.71
502	392499.851	7187753.485
503	392499.624	7187757.193
504	392499.1	7187758.171
505	392496.324	7187761.536
506	392493.007	7187764.415
507	392491.966	7187766.912
508	392491.466	7187767.412
509	392488.73	7187769.564
510	392487.854	7187770.031
511	392484.534	7187772.243
512	392482.427	7187773.381
513	392479.316	7187774.338
514	392475.292	7187775.87
515	392473.938	7187776.702
516	392470.869	7187778.066
517	392466.051	7187779.432
518	392458.409	7187780.954
519	392454.577	7187782.387
520	392446.833	7187784.306
521	392443.68	7187785.662
522	392439.032	7187787.481
523	392434.223	7187790.315
524	392430.002	7187792.123
525	392427.945	7187792.995
526	392425.388	7187794.244
527	392419.064	7187800.289
528	392410.266	7187807.214
529	392402.829	7187810.635
530	392399.606	7187811.143
531	392394.672	7187811.143

532	392392.782	7187811.143
533	392388.379	7187812.761
534	392382.649	7187814.963
535	392372.481	7187818.337
536	392360.602	7187821.278
537	392356.92	7187822.724
538	392350.3	7187826.609
539	392340.023	7187829.147
540	392330.553	7187832.912
541	392325.141	7187833.59
542	392318.412	7187834.898
543	392305.8	7187838.437
544	392304.002	7187839.242
545	392301.327	7187840.074
546	392295.976	7187841.593
547	392290.976	7187842.69
548	392289.377	7187843.045
549	392286.415	7187843.407
550	392272.351	7187845.453
551	392266.416	7187846.514
552	392253.558	7187850.506
553	392246.53	7187854.394
554	392238.888	7187859.214
555	392236.508	7187861.535
556	392229.765	7187863.443
557	392222.185	7187867.261
558	392218.81	7187868.374
559	392212.278	7187868.939
560	392208.448	7187870.751
561	392199.624	7187873.762
562	392193.117	7187874.611
563	392187.072	7187876.656
564	392179.964	7187878.039
565	392169.824	7187879.832
566	392160.538	7187881.982
567	392152.421	7187884.401
568	392148.384	7187886.339
569	392144.425	7187887.767
570	392136.575	7187890.849
571	392130.233	7187893.936
572	392126.856	7187894.922
573	392124.032	7187895.127

574	392121.247	7187894.913
575	392117.507	7187894.413
576	392113.43	7187894.809
577	392097.356	7187894.863
578	392090.611	7187893.347
579	392087.095	7187893.078
580	392077.894	7187896.029
581	392062.866	7187898.45
582	392055.403	7187899.053
583	392050.037	7187900.829
584	392039.048	7187901.765
585	392031.466	7187901.843
586	392025.733	7187902.856
587	392015.224	7187906.823
588	392009.994	7187907.171
589	392003.395	7187908.976
590	391999.127	7187909.053
591	391989.233	7187911.026
592	391986.854	7187912.133
593	391981.796	7187915.944
594	391978.429	7187917.217
595	391976.337	7187917.748
596	391970.388	7187917.797
597	391961.775	7187921.603
598	391953.089	7187922.528
599	391950.259	7187923.578
600	391947.978	7187925.238
601	391944.289	7187926.825
602	391941.097	7187927.806
603	391937.748	7187930.819
604	391936.048	7187932.904
605	391934.949	7187933.975
606	391932.022	7187937.021
607	391924.578	7187942.702
608	391917.309	7187944.785
609	391912.647	7187949.006
610	391907.001	7187951.916
611	391899.999	7187954.109
612	391891.063	7187958.027
613	391884.78	7187960.011
614	391881.006	7187962.661
615	391876.721	7187966.759

616	391871.575	7187968.458
617	391867.074	7187970.149
618	391859.664	7187973.525
619	391855.809	7187975.87
620	391853.106	7187976.923
621	391847.333	7187977.602
622	391838.861	7187980.375
623	391831.579	7187982.776
624	391824.208	7187985.681
625	391817.441	7187986.512
626	391811.349	7187985.964
627	391804.351	7187984.958
628	391800.48	7187985.559
629	391790.582	7187986.842
630	391784.948	7187986.921
631	391770.037	7187991.376
632	391764.878	7187992.442
633	391753.816	7187995.676
634	391747.441	7187997.375
635	391739.691	7187998.041
636	391733.966	7187998.663
637	391724.93	7188000.105
638	391717.431	7188000.487
639	391705.366	7188002.94
640	391690.21	7188005.287
641	391679.307	7188005.888
642	391666.161	7188004.825
643	391654.665	7188004.673
644	391646.212	7188003.776
645	391639.05	7188001.838
646	391635.808	7188000.405
647	391627.58	7187998.813
648	391622.971	7187996.675
649	391614.008	7187985.367
650	391611.807	7187979.378
651	391610.723	7187977.877
652	391603.632	7187973.286
653	391602.781	7187971.792
654	391600.828	7187968.926
655	391599.489	7187964.493
656	391591.874	7187952.302
657	391579.28	7187937.779

658	391570.147	7187931.591
659	391559.845	7187926.426
660	391555.048	7187925.625
661	391549.07	7187922.85
662	391541.894	7187920.707
663	391538.193	7187920.198
664	391534.332	7187922.234
665	391532.088	7187922.589
666	391529.406	7187922.217
667	391522.41	7187920.052
668	391519.601	7187918.593
669	391516.129	7187916.259
670	391513.463	7187915.234
671	391511.018	7187914.242
672	391508.507	7187913.675
673	391505.71	7187913.597
674	391503.232	7187913.597
675	391501.639	7187913.849
676	391499.432	7187914.533
677	391497.206	7187915.147
678	391493.664	7187916.828
679	391491.722	7187917.268
680	391490.706	7187917.142
681	391490.179	7187916.745
682	391487.501	7187914.106
683	391487.228	7187913.233
684	391486.335	7187910.78
685	391485.66	7187909.28
686	391484.833	7187907.545
687	391480.839	7187903.628
688	391477.517	7187899.247
689	391474.149	7187891.658
690	391468.874	7187883.149
691	391463.738	7187880.248
692	391460.502	7187877.234
693	391454.998	7187874.974
694	391451.923	7187873.809
695	391450.891	7187873.335
696	391443.537	7187866.846
697	391437.672	7187857.231
698	391434.847	7187852.198
699	391433.43	7187849.189

700	391430.612	7187838.72
701	391425.748	7187830.293
702	391421.342	7187825.831
703	391419.115	7187824.659
704	391413.206	7187823.168
705	391410.736	7187821.227
706	391408.648	7187819.655
707	391407.487	7187815.694
708	391404.371	7187811.442
709	391401.305	7187808.096
710	391397.244	7187804.867
711	391391.154	7187798.065
712	391386.609	7187791.821
713	391382.369	7187786.662
714	391366.226	7187769.951
715	391355.921	7187762.185
716	391347.128	7187757.435
717	391344.434	7187755.39
718	391332.705	7187743.449
719	391328.979	7187738.678
720	391325.825	7187735.675
721	391323.874	7187732.545
722	391322.542	7187730.216
723	391320.822	7187728.006
724	391318.96	7187726.889
725	391316.845	7187725.777
726	391315.277	7187725.046
727	391313.003	7187723.564
728	391311.931	7187722.394
729	391311.065	7187721.422
730	391309.781	7187720.021
731	391307.235	7187718.171
732	391304.64	7187716.705
733	391300.651	7187714.822
734	391293.221	7187712.093
735	391278.576	7187707.214
736	391266.862	7187703.778
737	391256.652	7187698.893
738	391243.904	7187696.086
739	391236.175	7187692.139
740	391230.088	7187687.844
741	391226.983	7187686.37

742	391210.159	7187681.853
743	391204.283	7187679.51
744	391198.856	7187678.505
745	391195.808	7187677.77
746	391193.527	7187677.252
747	391188.096	7187675.478
748	391177.97	7187671.749
749	391162.313	7187668.237
750	391153.777	7187666.236
751	391146.869	7187664.125
752	391146.58	7187664.055
753	391140.183	7187663.322
754	391133.205	7187662.325
755	391126.847	7187659.971
756	391119.137	7187658.17
757	391114.538	7187657.571
758	391109.996	7187657.077
759	391107.088	7187656.796
760	391105.097	7187656.133
761	391102.722	7187655.617
762	391096.467	7187654.724
763	391085.52	7187653.454
764	391079.004	7187651.899
765	391073.457	7187650.635
766	391072.09	7187650.18
767	391068.369	7187648.614
768	391064.065	7187647.078
769	391058.692	7187646.47
770	391048.95	7187645.594
771	391042.337	7187643.942
772	391035.625	7187642.581
773	391029.496	7187640.317
774	391027.296	7187639.66
775	391023.575	7187637.353
776	391017.741	7187631.874
777	391013.913	7187628.244
778	391010.284	7187626.793
779	391006.295	7187625.111
780	391001.905	7187623.609
781	390998.133	7187621.022
782	390995.648	7187618.744
783	390991.298	7187615.377

784	390989.044	7187613.562
785	390982.62	7187608.976
786	390977.146	7187604.359
787	390968.806	7187597.492
788	390964.336	7187594.735
789	390956.654	7187591.757
790	390949.002	7187590.98
791	390944.422	7187589.622
792	390944.141	7187589.455
793	390940.815	7187587.573
794	390938.141	7187586.144
795	390933.645	7187584.584
796	390927.398	7187583.46
797	390923.988	7187583.754
798	390918.905	7187582.946
799	390916.996	7187582.199
800	390905.942	7187575.658
801	390897.025	7187573.239
802	390891.924	7187572.465
803	390884.427	7187571.581
804	390875.639	7187568.239
805	390866.451	7187565.896
806	390855.779	7187565.858
807	390849.688	7187565.252
808	390845.932	7187564.353
809	390839.859	7187561.816
810	390833.869	7187561.052
811	390830.65	7187561.161
812	390822.11	7187562.871
813	390818.422	7187565.471
814	390815.284	7187566.319
815	390805.056	7187566.225
816	390801.095	7187565.349
817	390796.238	7187563.102
818	390794.367	7187562.796
819	390788.679	7187563.58
820	390780.104	7187561.204
821	390772.278	7187560.812
822	390769.059	7187560.941
823	390763.804	7187562.685
824	390755.298	7187564.095
825	390743.172	7187566.391

826	390734.506	7187569.499
827	390720.012	7187576.07
828	390717.005	7187577.796
829	390713.039	7187580.415
830	390709.393	7187582.396
831	390706.387	7187583.802
832	390703.647	7187584.05
0=PP	390701.957	7187584.068

Polígono 02				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Reservatório	Desapropriação	7,011437	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390693.089		7187503.336	
1	390692.822		7187487.146	
2	390694.038		7187486.626	
3	390698.052		7187486.556	
4	390697.015		7187483.656	
5	390703.233		7187483.002	
6	390711.389		7187482.145	
7	390718.192		7187482.284	
8	390732.335		7187482.574	
9	390738.987		7187483.615	
10	390752.84		7187487.443	
11	390757.519		7187487.581	
12	390761.459		7187486.63	
13	390767.477		7187483.636	
14	390770.895		7187482.485	
15	390773.379		7187480.68	
16	390773.553		7187477.586	
17	390706.767		7187416.507	
18	390716.755		7187405.586	
19	390805.48		7187486.729	
20	390812.856		7187493.475	
21	390813.588		7187493.902	
22	390815.324		7187494.465	
23	390824.219		7187495.018	

24	390833.843	7187493.64
25	390836.242	7187492.483
26	390842.014	7187487.765
27	390846.437	7187485.663
28	390849.267	7187485.51
29	390855.757	7187486.297
30	390861.569	7187485.937
31	390868.065	7187488.42
32	390877.004	7187493.842
33	390890.282	7187497.792
34	390903.806	7187500.198
35	390917.401	7187501.446
36	390926.252	7187504.27
37	390932.705	7187505.011
38	390938.356	7187507.576
39	390941.874	7187508.568
40	390956.581	7187511.772
41	390962.693	7187514.356
42	390971.602	7187517.335
43	390986.43	7187524.771
44	390995.271	7187528.305
45	391001.919	7187529.818
46	391009.95	7187530.408
47	391014.807	7187531.516
48	391018.28	7187533.178
49	391023.905	7187537.364
50	391028.379	7187539.371
51	391032.61	7187540.091
52	391040.834	7187538.541
53	391046.597	7187538.92
54	391052.427	7187542.097
55	391058.045	7187547.931
56	391062	7187554.156
57	391068.797	7187569.197
58	391071.573	7187572.291
59	391075.245	7187574.453
60	391077.416	7187575.307
61	391082.171	7187576.011
62	391089.332	7187575.652
63	391109.894	7187580.606
64	391113.978	7187581.142
65	391118.813	7187580.616

66	391127.939	7187577.526
67	391134.777	7187576.326
68	391142.236	7187576.108
69	391147.184	7187577.22
70	391154.334	7187580.416
71	391158.982	7187584.138
72	391163.288	7187590.132
73	391166.536	7187598.3
74	391167.581	7187599.536
75	391169.403	7187600.885
76	391182.936	7187606.659
77	391187.18	7187606.344
78	391188.754	7187604.906
79	391189.735	7187596.541
80	391193.403	7187585.544
81	391196.609	7187581.291
82	391201.584	7187577.483
83	391205.177	7187575.905
84	391208.056	7187575.743
85	391214.778	7187578.005
86	391229.635	7187580.023
87	391232.473	7187580.791
88	391244.842	7187587.509
89	391250.657	7187594.382
90	391256.711	7187602.591
91	391260.711	7187605.134
92	391268.568	7187608.923
93	391275.965	7187614.09
94	391283.107	7187621.834
95	391287.83	7187632.141
96	391295.418	7187638.78
97	391301.416	7187640.992
98	391304.19	7187642.914
99	391307.122	7187646.008
100	391311.892	7187653.17
101	391315.004	7187655.611
102	391329.532	7187662.448
103	391361.56	7187673.263
104	391372.027	7187678.877
105	391379.466	7187684.591
106	391388.312	7187693.847
107	391393.799	7187700.681

108	391401.241	7187707.508
109	391406.474	7187710.958
110	391412.395	7187713.315
111	391417.094	7187715.949
112	391421.194	7187718.779
113	391424.58	7187722.129
114	391433.307	7187725.046
115	391439.012	7187725.266
116	391442.174	7187726.685
117	391445.426	7187728.873
118	391446.804	7187729.237
119	391449.202	7187728.774
120	391451.902	7187727.363
121	391454.689	7187727.076
122	391461.777	7187728.19
123	391466.242	7187730.037
124	391469.605	7187734.091
125	391472.825	7187741.546
126	391475.373	7187743.732
127	391481.813	7187746.479
128	391488.263	7187755.559
129	391495.569	7187763.547
130	391501.913	7187769.314
131	391509.405	7187777.213
132	391517.538	7187789.279
133	391520.217	7187797.182
134	391523.465	7187803.044
135	391524.293	7187808.894
136	391526.653	7187815.787
137	391525.075	7187819.715
138	391523.745	7187821.15
139	391523.041	7187821.127
140	391510.35	7187811.817
141	391508.633	7187811.006
142	391507.239	7187811.066
143	391506.312	7187811.917
144	391506.195	7187814.766
145	391507.492	7187818.261
146	391513.979	7187828.827
147	391517.774	7187834.303
148	391526.481	7187843.822
149	391529.218	7187845.274

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152	391540.024	7187848.065
153	391543.389	7187850.753
154	391549.221	7187856.964
155	391550.631	7187859.914
156	391552.233	7187866.159
157	391554.448	7187869.406
158	391557.653	7187872.182
159	391562.346	7187875.068
160	391566.906	7187876.654
161	391573.035	7187876.739
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163	391586.374	7187884.037
164	391592.4	7187885.928
165	391594.142	7187887.082
166	391607.145	7187897.902
167	391619.454	7187909.573
168	391623.749	7187914.26
169	391628.679	7187918.357
170	391630.147	7187920.118
171	391632.97	7187925.583
172	391635.942	7187927.359
173	391640.378	7187928.859
174	391644.594	7187931.82
175	391650.658	7187933.415
176	391652.179	7187934.235
177	391655.645	7187938.213
178	391663.255	7187938.148
179	391668.683	7187940.859
180	391674.453	7187941.898
181	391680.458	7187944.503
182	391683.681	7187945.217
183	391687.712	7187944.453
184	391691.214	7187942.213
185	391695.459	7187941.838
186	391715.148	7187944.881
187	391720.919	7187947.413
188	391723.155	7187947
189	391723.794	7187946.384
190	391724.74	7187944.565
191	391725.451	7187941.155

192	391727.653	7187940.243
193	391733.532	7187939.958
194	391741.894	7187938.62
195	391755.374	7187935.653
196	391767.466	7187935.858
197	391773.988	7187933.833
198	391786.534	7187931.709
199	391789.356	7187931.688
200	391793.288	7187933.16
201	391796.36	7187933.541
202	391801.263	7187931.323
203	391804.057	7187930.783
204	391808.44	7187930.816
205	391812.188	7187928.964
206	391817.05	7187929.993
207	391820.106	7187930.115
208	391823.843	7187928.445
209	391832.104	7187926.938
210	391839.803	7187924.543
211	391847.323	7187923.013
212	391859.054	7187917.055
213	391861.856	7187917.853
214	391862.821	7187917.477
215	391863.481	7187916.692
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217	391864.231	7187912.959
218	391867.379	7187911.243
219	391868.378	7187911.019
220	391870.322	7187913.321
221	391871.901	7187914.085
222	391876.985	7187912.18
223	391878.56	7187910.544
224	391879.275	7187908.375
225	391881.588	7187906.225
226	391886.473	7187903.771
227	391891.815	7187902.784
228	391893.301	7187901.548
229	391895.091	7187898.863
230	391898.285	7187897.693
231	391904.21	7187894.304
232	391910.273	7187892.993
233	391912.539	7187889.282

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235	391917.691	7187885.333
236	391926.07	7187881.736
237	391929.8	7187876.594
238	391935.49	7187873.09
239	391941.056	7187868.756
240	391953.058	7187863.35
241	391970.863	7187863.169
242	391973.725	7187862.259
243	391976.309	7187860.333
244	391976.302	7187859.764
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248	391971.296	7187846.257
249	391971.279	7187844.907
250	391970.305	7187843.421
251	391964.246	7187837.712
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253	391959.003	7187828.227
254	391958.008	7187824.729
255	391958.005	7187823.305
256	391958.925	7187821.75
257	391962.701	7187819.309
258	391967.214	7187814.235
259	391970.109	7187820.023
260	391977.425	7187827.521
261	391980.865	7187829.733
262	391985.274	7187830.068
263	391985.921	7187830.536
264	391987.02	7187832.981
265	391986.953	7187837.492
266	391987.492	7187839.015
267	391991.802	7187845.064
268	391995.404	7187855.223
269	391997.292	7187857.117
270	392003.302	7187858.573
271	392006.249	7187858.524
272	392008.468	7187857.341
273	392011.207	7187852.934
274	392013.383	7187851.879
275	392026.323	7187850.668

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277	392036.188	7187847.936
278	392037.791	7187846.662
279	392040.285	7187845.6
280	392043.026	7187845.22
281	392050.918	7187845.542
282	392057.217	7187844.96
283	392060.753	7187842.417
284	392064.168	7187838.779
285	392067.627	7187837.251
286	392076.23	7187835.885
287	392100.803	7187828.598
288	392111.016	7187827.736
289	392120.349	7187825.676
290	392126.482	7187825.937
291	392133.404	7187827.758
292	392136.608	7187830.37
293	392137.767	7187831.992
294	392140.587	7187838.697
295	392141.483	7187839.474
296	392144.108	7187840.19
297	392147.136	7187840.126
298	392156.708	7187838.521
299	392160.519	7187837.039
300	392165.214	7187834.358
301	392168.038	7187833.819
302	392172.545	7187834.073
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304	392186.388	7187839.011
305	392190.479	7187840.086
306	392191.925	7187840.128
307	392196.446	7187837.058
308	392201.306	7187836.052
309	392206.367	7187832.318
310	392212.011	7187830.107
311	392213.553	7187829.001
312	392217.466	7187824.275
313	392226.8	7187814.986
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315	392234.774	7187806.374
316	392240.896	7187803.579
317	392245.676	7187799.39

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320	392256.344	7187777.345
321	392263.49	7187769.166
322	392270.817	7187757.468
323	392282.162	7187741.339
324	392282.789	7187739.506
325	392282.764	7187736.782
326	392281.291	7187732.918
327	392279.114	7187730.401
328	392273.105	7187726.97
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330	392266.136	7187719.032
331	392262.661	7187711.45
332	392262.378	7187706.975
333	392264.362	7187699.606
334	392267.005	7187696.189
335	392270.469	7187693.88
336	392280.395	7187692.95
337	392282.11	7187693.53
338	392285.25	7187695.876
339	392291.398	7187696.632
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341	392297.109	7187699.629
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343	392300.465	7187697.265
344	392303.36	7187699.054
345	392305.931	7187699.639
346	392309.282	7187695.127
347	392310.565	7187690.478
348	392311.647	7187688.38
349	392313.574	7187685.938
350	392314.441	7187685.259
351	392315.505	7187685.162
352	392316.686	7187686.287
353	392318.757	7187690.358
354	392320.014	7187691.793
355	392325.373	7187695.869
356	392327.245	7187698.107
357	392330.872	7187706.812
358	392331.404	7187712.97
359	392329.844	7187719.713

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361	392327.276	7187734.101
362	392321.691	7187743.551
363	392316.059	7187750.041
364	392314.124	7187753.806
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367	392297.08	7187765.179
368	392290.569	7187770.663
369	392285.683	7187776.461
370	392280.451	7187780.145
371	392274.982	7187783.794
372	392272.47	7187784.721
373	392267.642	7187785.284
374	392264.766	7187787.277
375	392263.705	7187788.719
376	392263.435	7187790.056
377	392263.241	7187791.426
378	392263.791	7187793.913
379	392264.506	7187794.651
380	392267.141	7187795.603
381	392273.528	7187796.175
382	392276.397	7187795.811
383	392279.206	7187793.994
384	392281.275	7187789.913
385	392282.292	7187789.247
386	392285.353	7187789.79
387	392291.007	7187792.114
388	392294.052	7187792.041
389	392303.283	7187789.571
390	392309.252	7187789.558
391	392313.136	7187788.44
392	392319.162	7187787.866
393	392324.126	7187786.185
394	392328.732	7187786.257
395	392331.097	7187785.79
396	392336.592	7187782.28
397	392343.512	7187780.101
398	392351.731	7187778.466
399	392357.284	7187774.391
400	392363.229	7187771.676
401	392373.083	7187763.579

402	392374.131	7187761.205
403	392373.467	7187758.165
404	392363.453	7187744.822
405	392362.143	7187741.734
406	392361.606	7187738.514
407	392361.674	7187735.522
408	392362.923	7187730.266
409	392362.992	7187724.544
410	392363.958	7187720.15
411	392365.404	7187716.543
412	392369.656	7187712.425
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414	392370.118	7187699.193
415	392369.115	7187695.146
416	392366.473	7187690.264
417	392363.223	7187686.032
418	392361.929	7187683.134
419	392361.593	7187681.457
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430	392387.706	7187722.677
431	392380.26	7187737.36
432	392376.082	7187742.654
433	392374.784	7187745.248
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439	392390.413	7187752.236
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446	392420.082	7187745.894
447	392421.624	7187746.062
448	392433.304	7187742.865
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450	392443.614	7187734.489
451	392442.966	7187728.35
452	392444.512	7187726.881
453	392448.445	7187725.065
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455	392450.581	7187725.266
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457	392451.671	7187733.475
458	392454.165	7187733.61
459	392456.962	7187733.881
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462	392466.334	7187718.986
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475	392484.028	7187691.808
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484	392503.858	7187653.971
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491	392525.104	7187621.411
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493	392525.845	7187607.777
494	392527.573	7187599.441
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496	392525.533	7187587.015
497	392522.494	7187579.39
498	392520.067	7187567.492
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501	392513.558	7187540.732
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503	392509.902	7187531.873
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507	392497.776	7187513.882
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525	392497.604	7187419.618
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557	392549.248	7187312.558
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578	392579.232	7187273.867
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582	392594.965	7187285.178
583	392593.053	7187286.067
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586	392588.914	7187288.126
587	392590.403	7187292.991
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591	392597.607	7187293.324
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594	392603.218	7187292.969
595	392602.284	7187295.057
596	392602.316	7187297.876
597	392604.259	7187304.944
598	392604.106	7187306.322
599	392603.063	7187308.03
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607	392569.225	7187353.354
608	392562.643	7187356.181
609	392559.515	7187359.063
610	392555.39	7187363.954
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617	392552.142	7187398.019
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622	392577.585	7187393.17
623	392595.35	7187389.721
624	392602.854	7187389.362
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626	392615.1	7187387.42
627	392619.926	7187385.127
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630	392659.256	7187385.926
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632	392675.353	7187389.085
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634	392685.721	7187398.206
635	392690.28	7187401.43
636	392700.633	7187407.377
637	392716.484	7187421.203
638	392718.074	7187423.493
639	392719.705	7187428.452
640	392721.141	7187433.882
641	392722.236	7187441.909
642	392723.424	7187444.949
643	392727.559	7187449.259
644	392730.618	7187455.301
645	392733.083	7187458.582
646	392739.219	7187464.455
647	392744.3	7187468.199
648	392748.97	7187470.008
649	392753.321	7187470.179
650	392766.722	7187465.672
651	392776.017	7187463.112
652	392780.215	7187463.88
653	392787.957	7187468.907

654	392791.161	7187469.486
655	392793.752	7187468.69
656	392794.773	7187468.017
657	392795.685	7187466.489
658	392795.536	7187464.405
659	392794.925	7187463.678
660	392786.17	7187460.075
661	392782.821	7187457.322
662	392781.599	7187455.391
663	392781.338	7187452.1
664	392782.236	7187446.342
665	392783.245	7187443.197
666	392785.832	7187439.813
667	392792.236	7187434.191
668	392797.362	7187431.4
669	392803.344	7187430.749
670	392816.28	7187432.693
671	392821.1	7187434.32
672	392828.327	7187440.588
673	392837.225	7187445.751
674	392841.555	7187447.303
675	392852.566	7187448.464
676	392858.045	7187449.806
677	392864.536	7187453.048
678	392870.028	7187458.091
679	392873.618	7187464.126
680	392876.299	7187471.613
681	392876.822	7187474.316
682	392876.211	7187476.139
683	392871.852	7187477.999
684	392869.245	7187478.596
685	392856.303	7187476.932
686	392853.462	7187477.297
687	392851.82	7187478.583
688	392852.383	7187480.92
689	392853.491	7187482.206
690	392859.548	7187485.693
691	392863.982	7187489.961
692	392866.712	7187491.52
693	392868.354	7187490.88
694	392871.808	7187486.83
695	392874.159	7187485.769

696	392879.875	7187484.894
697	392882.374	7187484.89
698	392883.861	7187485.395
699	392888.332	7187488.548
700	392890.946	7187489.149
701	392899.158	7187487.498
702	392907.832	7187486.848
703	392914.86	7187485.721
704	392923.419	7187485.35
705	392924.52	7187484.451
706	392925.242	7187481.974
707	392925.699	7187476.155
708	392927.787	7187465.033
709	392928.962	7187463.304
710	392930.124	7187463.588
711	392936.104	7187466.743
712	392938.133	7187469.101
713	392939.531	7187473.775
714	392938.617	7187476.596
715	392938.623	7187479.041
716	392939.283	7187479.756
717	392940.022	7187479.673
718	392941.278	7187478.316
719	392942.091	7187478.239
720	392942.817	7187479.112
721	392944.394	7187493.067
722	392944.391	7187506.437
723	392945.272	7187512.687
724	392944.821	7187518.274
725	392945.531	7187519.344
726	392951.397	7187519.875
727	392953.861	7187520.59
728	392954.327	7187521.178
729	392954.169	7187524.436
730	392955.719	7187526.639
731	392961.966	7187530.099
732	392964.957	7187533.136
733	392970.27	7187544.877
734	392970.597	7187548.143
735	392969.865	7187550.688
736	392966.931	7187556.651

737	392963.577	7187560.693
738	392962.683	7187563.64
739	392961.838	7187570.653
740	392962.305	7187571.997
741	392964.912	7187573.854
742	392966.37	7187574.178
743	392969.235	7187573.736
744	392976.623	7187570.496
745	392983.967	7187561.142
746	392986.28	7187559.479
747	392996.479	7187557.343
748	393002.819	7187554.66
749	393005.537	7187551.523
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752	393014.754	7187538.384
753	393017.21	7187538.393
754	393023.531	7187541.472
755	393033.475	7187543.1
756	393036.015	7187542.928
757	393038.579	7187541.448
758	393047.262	7187540.566
759	393048.604	7187540.29
760	393050.946	7187538.878
761	393053.426	7187538.746
762	393054.788	7187539.559
763	393059.169	7187543.892
764	393062.074	7187545.173
765	393064.616	7187545.345
766	393067.864	7187544.862
767	393071.525	7187541.745
768	393070.955	7187541.076
769	393066.804	7187540.663
770	393065.312	7187540.055
771	393063.551	7187537.474
772	393063.619	7187536.41
773	393064.483	7187535.739
774	393067.111	7187535.441
775	393068.447	7187535.777
776	393073.839	7187540.172
777	393076.903	7187540.197
778	393079.25	7187539.346

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781	393086.783	7187530.621
782	393093.239	7187527.872
783	393100.095	7187526.436
784	393103.01	7187524.34
785	393107.173	7187518.152
786	393110.282	7187515.255
787	393114.301	7187513.095
788	393116.391	7187511.16
789	393117.044	7187508.844
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791	393118.841	7187501.027
792	393126.986	7187494.371
793	393128.754	7187493.084
794	393130.017	7187492.75
795	393131.184	7187490.96
796	393131.355	7187493.408
797	393130.615	7187496.322
798	393131.062	7187499.861
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802	393157.66	7187497.663
803	393161.734	7187496.712
804	393173.329	7187497.207
805	393188.035	7187495.359
806	393200.07	7187495.433
807	393211.021	7187496.258
808	393225.495	7187495.394
809	393232.214	7187493.676
810	393235.1	7187493.439
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812	393246.049	7187494.147
813	393248.202	7187494.228
814	393257.302	7187496.805
815	393260.432	7187498.402
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817	393275.327	7187503.634
818	393281.043	7187505.07
819	393293.818	7187507.031
820	393299.044	7187506.779

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824	393310.106	7187508.726
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831	393281.119	7187506.33
832	393268.502	7187503.5
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834	393254.129	7187497.926
835	393251.651	7187497.183
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842	393204.622	7187496.937
843	393199.666	7187496.937
844	393194.214	7187497.68
845	393190.001	7187498.671
846	393184.054	7187499.662
847	393178.602	7187500.405
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851	393164.193	7187499.91
852	393159.485	7187500.157
853	393151.059	7187501.272
854	393142.509	7187502.883
855	393136.066	7187504.121
856	393129.995	7187505.979
857	393124.295	7187508.705
858	393118.673	7187511.329
859	393114.088	7187515.293
860	393111.61	7187517.646
861	393109.628	7187521.115
862	393108.017	7187526.317

863	393106.406	7187529.91
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871	393056.925	7187554.602
872	393049.614	7187557.451
873	393040.445	7187560.176
874	393033.01	7187561.415
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882	392985.995	7187585.718
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886	392970.652	7187596.858
887	392965.16	7187597.041
888	392961.62	7187596.187
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894	392950.927	7187571.463
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902	392946.223	7187538.343
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942	392858.219	7187494.063
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958	392787.039	7187476.278
959	392781.39	7187477.195
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1011	392492.722	7187432.357
1012	392494.163	7187432.769
1013	392496.325	7187433.591
1014	392497.972	7187434.517
1015	392500.442	7187434.517
1016	392502.398	7187434.517
1017	392503.015	7187435.031
1018	392503.015	7187436.059
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1122	392374.077	7187776.726
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1160	392196.183	7187848.586
1161	392193.89	7187849.382
1162	392190.704	7187850.12
1163	392186.847	7187850.651
1164	392184.298	7187850.629
1165	392181.786	7187849.862
1166	392180.743	7187849.658
1167	392178.158	7187848.766
1168	392176.807	7187848.317
1169	392175.354	7187847.937
1170	392173.893	7187847.421
1171	392172.042	7187846.313
1172	392170.192	7187845.449
1173	392168.769	7187845.137
1174	392168.014	7187845.137
1175	392166.578	7187845.233
1176	392165.797	7187845.508
1177	392164.811	7187845.837
1178	392163.695	7187846.248
1179	392159.227	7187847.209
1180	392154.146	7187848.175
1181	392145.408	7187849.488
1182	392141.003	7187848.138
1183	392134.597	7187846.234
1184	392131.592	7187843.351
1185	392127.853	7187839.348
1186	392126.555	7187838.623
1187	392124.144	7187839.016
1188	392121.943	7187839.382
1189	392115.605	7187839.472
1190	392110.306	7187839.469
1191	392108.806	7187839.51
1192	392106.841	7187839.813
1193	392102.9	7187840.331
1194	392100.488	7187840.774
1195	392098.965	7187841.331
1196	392094.721	7187842.405
1197	392092.169	7187842.785
1198	392089.747	7187843

1199	392085.871	7187843.106
1200	392081.519	7187843.009
1201	392078.231	7187844.625
1202	392076.997	7187845.344
1203	392074.303	7187846.769
1204	392073.369	7187847.236
1205	392070.622	7187848.714
1206	392068.919	7187849.428
1207	392064.748	7187850.939
1208	392061.033	7187852.477
1209	392058.061	7187853.192
1210	392053.926	7187853.782
1211	392051.496	7187853.89
1212	392046.814	7187853.94
1213	392040.306	7187855.917
1214	392038.276	7187857.108
1215	392035.166	7187858.554
1216	392032.96	7187858.867
1217	392030.044	7187858.798
1218	392028.06	7187858.863
1219	392024.004	7187859.129
1220	392019.945	7187859.441
1221	392016.589	7187861.319
1222	392008.25	7187865.005
1223	392006.441	7187865.354
1224	392004.584	7187865.566
1225	391999.068	7187866.347
1226	391997.252	7187866.573
1227	391993.469	7187868.892
1228	391988.902	7187870.522
1229	391981.398	7187872.358
1230	391970.906	7187875.136
1231	391963.942	7187876.026
1232	391956.41	7187877.599
1233	391940.523	7187882.206
1234	391930.542	7187886.866
1235	391920.326	7187893.024
1236	391917.768	7187896.139
1237	391913.477	7187900.417
1238	391908.933	7187904.153
1239	391902.281	7187906.508
1240	391893.495	7187915.463

1241	391888.116	7187918.234
1242	391883.459	7187920.117
1243	391878.757	7187921.789
1244	391875.004	7187923.015
1245	391865.459	7187927.498
1246	391859.122	7187929.825
1247	391851.356	7187932.766
1248	391845.52	7187934.745
1249	391840.543	7187935.76
1250	391835.835	7187937.706
1251	391833.04	7187938.399
1252	391825.637	7187941.382
1253	391815.071	7187944.229
1254	391808.085	7187947.963
1255	391801.057	7187949.405
1256	391790.821	7187953.254
1257	391787.668	7187953.6
1258	391781.457	7187952.98
1259	391769.592	7187954.399
1260	391752.904	7187956.855
1261	391746.217	7187957.1
1262	391737.908	7187958.651
1263	391727.607	7187959.755
1264	391723.461	7187960.201
1265	391719.529	7187961.339
1266	391717.202	7187961.106
1267	391712.604	7187960.085
1268	391709.864	7187959.374
1269	391708.603	7187959.374
1270	391705.848	7187959.05
1271	391700.204	7187958.58
1272	391693.779	7187958.58
1273	391687.631	7187958.171
1274	391680.183	7187955.93
1275	391677.823	7187955.55
1276	391676.643	7187955.392
1277	391675.004	7187955.158
1278	391673.21	7187955.003
1279	391671.402	7187954.838
1280	391668.579	7187954.325
1281	391667.907	7187954.037
1282	391666.13	7187953.343

1283	391662.929	7187952.276
1284	391662.103	7187952.149
1285	391658.707	7187952.149
1286	391656.482	7187952.149
1287	391653.926	7187952.149
1288	391650.273	7187950.672
1289	391645.862	7187948.147
1290	391645.263	7187947.719
1291	391639.742	7187943.859
1292	391630.077	7187941.25
1293	391621.19	7187937.235
1294	391618.362	7187934.888
1295	391614.749	7187926.677
1296	391609.631	7187918.278
1297	391603.166	7187914.051
1298	391598.886	7187909.23
1299	391596.519	7187905.998
1300	391593.997	7187903.34
1301	391587.916	7187895.75
1302	391585.507	7187893.276
1303	391579.378	7187890.11
1304	391573.798	7187885.182
1305	391571.56	7187884.677
1306	391562.149	7187884.002
1307	391558.901	7187883.02
1308	391552.716	7187879.762
1309	391538.987	7187870.051
1310	391536.332	7187866.846
1311	391534.822	7187863.85
1312	391532.794	7187861.648
1313	391530.687	7187860.553
1314	391525.803	7187859.15
1315	391514.857	7187852.162
1316	391511.743	7187848.98
1317	391507.213	7187842.687
1318	391505.164	7187836.725
1319	391500.572	7187830.605
1320	391498.28	7187824.359
1321	391493.589	7187818.702
1322	391492.002	7187812.723
1323	391487.263	7187807.506
1324	391484.216	7187802.273

1325	391480.791	7187797.964
1326	391478.383	7187794.909
1327	391476.78	7187791.728
1328	391474.01	7187782.742
1329	391465.805	7187778.596
1330	391462.647	7187775.357
1331	391459.098	7187769.634
1332	391456.348	7187766.802
1333	391453.8	7187765.17
1334	391444.6	7187761.149
1335	391437.553	7187755.501
1336	391433.716	7187752.747
1337	391428.242	7187749.784
1338	391420.658	7187742.985
1339	391414.974	7187741.019
1340	391403.48	7187735.506
1341	391400.258	7187732.746
1342	391383.61	7187721.842
1343	391374.556	7187715.056
1344	391363.637	7187706.758
1345	391355.349	7187697.669
1346	391353.931	7187695.168
1347	391350.202	7187690.338
1348	391340.969	7187682
1349	391336.626	7187679.423
1350	391328.739	7187674.9
1351	391320.565	7187672.382
1352	391315.401	7187671.295
1353	391308.191	7187670.677
1354	391303.928	7187670.54
1355	391295.001	7187670.611
1356	391287.525	7187668.743
1357	391278.632	7187665.549
1358	391275.068	7187664.866
1359	391266.728	7187662.653
1360	391259.013	7187659.735
1361	391254.571	7187656.683
1362	391251.138	7187654.468
1363	391247.062	7187648.888
1364	391245.289	7187646.383
1365	391237.704	7187643.175
1366	391232.858	7187642.711

1367	391227.352	7187640.923
1368	391221.989	7187639.207
1369	391217.445	7187638.202
1370	391211.474	7187638.472
1371	391207.98	7187637.67
1372	391204.098	7187635.988
1373	391199.586	7187635.705
1374	391195.996	7187634.92
1375	391187.295	7187630.932
1376	391183.075	7187629.205
1377	391179.686	7187627.915
1378	391176.521	7187626.734
1379	391174.266	7187626.655
1380	391172.592	7187626.19
1381	391170.216	7187625.256
1382	391167.486	7187624.959
1383	391165.224	7187624.228
1384	391160.402	7187623.658
1385	391156.898	7187622.163
1386	391150.672	7187617.455
1387	391144.65	7187614.776
1388	391141.603	7187612.331
1389	391134.114	7187607.755
1390	391130.129	7187603.981
1391	391127.158	7187603.035
1392	391122.974	7187601.641
1393	391115.304	7187599.451
1394	391110.941	7187596.228
1395	391109.811	7187594.928
1396	391107.94	7187594.001
1397	391102.532	7187592.317
1398	391099.46	7187591.613
1399	391094.708	7187591.144
1400	391084.821	7187588.741
1401	391073.677	7187587.365
1402	391060.793	7187588.187
1403	391050.589	7187589.257
1404	391049.598	7187590.678
1405	391048.738	7187591.881
1406	391047.878	7187593.342
1407	391046.588	7187594.888
1408	391044.867	7187595.661

1409	391043.663	7187595.661
1410	391042.287	7187594.029
1411	391041.083	7187592.654
1412	391039.965	7187591.366
1413	391038.503	7187590.335
1414	391036.524	7187588.616
1415	391034.718	7187586.554
1416	391033.167	7187583.433
1417	391024.677	7187577.256
1418	391021.094	7187573.912
1419	391019.438	7187572.013
1420	391015.309	7187567.575
1421	391006.87	7187564.843
1422	391002.576	7187560.992
1423	390997.638	7187557.575
1424	390978.538	7187546.182
1425	390969.204	7187541.319
1426	390963.268	7187537.604
1427	390959.108	7187534.918
1428	390954.335	7187532.473
1429	390950.632	7187530.835
1430	390947.015	7187529.028
1431	390939.39	7187526.147
1432	390932.68	7187524.087
1433	390926.384	7187522.272
1434	390915.692	7187519.503
1435	390912.081	7187518.899
1436	390907.732	7187517.896
1437	390899.671	7187517.49
1438	390887.913	7187516.727
1439	390880.471	7187516.277
1440	390874.958	7187515.79
1441	390868.503	7187515.849
1442	390861.319	7187515.498
1443	390854.933	7187515.809
1444	390852.235	7187515.948
1445	390849.182	7187516.46
1446	390845.444	7187516.583
1447	390840.1	7187516.106
1448	390838.031	7187516.382
1449	390833.927	7187518.025
1450	390829.68	7187518.945

1451	390815.664	7187518.69
1452	390809.4	7187517.634
1453	390801.704	7187519.222
1454	390796.78	7187521.472
1455	390791.237	7187523.052
1456	390781.376	7187523.905
1457	390777.917	7187526.034
1458	390773.605	7187527.138
1459	390762.562	7187525.044
1460	390752.644	7187527.635
1461	390746.169	7187525.277
1462	390740.497	7187524.61
1463	390734.681	7187523.377
1464	390728.504	7187515.838
1465	390705.906	7187502.572
1466	390693.822	7187503.307
0=PP	390693.089	7187503.336

Polígono 03				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Reservatório	Desapropriação	1,176912	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	392758.262		7187494.781	
1	392758.769		7187497.179	
2	392760.393		7187502.654	
3	392761.712		7187507.826	
4	392764.149		7187512.49	
5	392766.382		7187520.601	
6	392767.097		7187527.126	
7	392769.127		7187538.38	
8	392770.351		7187544.707	
9	392770.96		7187549.371	
10	392771.468		7187553.933	
11	392772.216		7187561.096	
12	392773.368		7187565.41	
13	392775.095		7187569.581	
14	392777.543		7187573.751	
15	392779.126		7187578.64	

16	392779.85	7187587.315
17	392779.13	7187593.825
18	392778.625	7187597.228
19	392782.819	7187594.058
20	392784.067	7187592.726
21	392784.161	7187588.386
22	392781.996	7187582.709
23	392781.339	7187574.889
24	392777.771	7187566.397
25	392775.863	7187558.788
26	392775.555	7187551.066
27	392774.122	7187544.219
28	392775.247	7187537.36
29	392775.216	7187532.919
30	392774.316	7187527.082
31	392772.359	7187521.02
32	392771.918	7187517.832
33	392773.079	7187513.822
34	392777.1	7187509.33
35	392777.377	7187505.186
36	392778.269	7187503.106
37	392779.197	7187502.189
38	392780.31	7187501.606
39	392781.748	7187501.592
40	392790.237	7187503.667
41	392798.439	7187503.251
42	392800.425	7187502.592
43	392803.922	7187499.956
44	392811.889	7187498.838
45	392819.036	7187495.25
46	392824.944	7187495.058
47	392835.47	7187492.172
48	392843.307	7187493.885
49	392846.102	7187495.643
50	392852.748	7187504.077
51	392870.828	7187518.43
52	392872.022	7187521.241
53	392873.217	7187529.032
54	392874.34	7187531.354
55	392876.413	7187533.601
56	392880.337	7187536.637
57	392885.493	7187542.41

58	392891.16	7187545.685
59	392897.1	7187546.708
60	392906.192	7187554.434
61	392912.222	7187557.419
62	392917.917	7187559.522
63	392918.719	7187560.35
64	392919.945	7187564.58
65	392920.167	7187575.443
66	392921.077	7187578.236
67	392922.065	7187576.196
68	392926.283	7187571.217
69	392933.208	7187566.108
70	392940.651	7187567.722
71	392942.056	7187568.226
72	392942.998	7187569.213
73	392942.873	7187571.702
74	392941.916	7187574.722
75	392941.886	7187581.583
76	392940.991	7187588.853
77	392941.793	7187598.284
78	392941.235	7187606.941
79	392939.814	7187611.926
80	392933.856	7187622.64
81	392932.571	7187623.582
82	392929.851	7187623.905
83	392923.618	7187622.767
84	392918.443	7187626.324
85	392914.312	7187632.464
86	392912.226	7187633.776
87	392908.95	7187633.357
88	392906.086	7187632.303
89	392903.941	7187635.912
90	392899.924	7187639.011
91	392895.393	7187645.449
92	392893.703	7187650.687
93	392894.228	7187656.18
94	392891.141	7187656.085
95	392883.389	7187666.415
96	392872.588	7187677.733
97	392867.207	7187684.54
98	392866.977	7187686.366
99	392867.591	7187687.484

100	392870.099	7187689.763
101	392873.17	7187690.613
102	392882.556	7187691.471
103	392887.075	7187691.282
104	392893.647	7187689.641
105	392901.596	7187686.023
106	392905.356	7187683.456
107	392908.958	7187678.122
108	392910.995	7187672.773
109	392915.568	7187665.542
110	392923.941	7187649.617
111	392925.441	7187648.113
112	392928.514	7187646.936
113	392930.064	7187645.661
114	392931.813	7187642.669
115	392933.119	7187638.301
116	392939.152	7187641.419
117	392943.453	7187642.19
118	392946.3	7187641.882
119	392949.702	7187639.839
120	392952.651	7187639.618
121	392954.773	7187638.743
122	392955.184	7187638.233
123	392954.333	7187637.836
124	392948.657	7187637.746
125	392943.459	7187635.927
126	392936.673	7187630.631
127	392935.855	7187629.554
128	392936.034	7187628.885
129	392938.186	7187628.721
130	392943.142	7187629.667
131	392949.733	7187627.719
132	392952.686	7187627.543
133	392957.368	7187628.708
134	392962.995	7187632.347
135	392969.204	7187630.531
136	392970.667	7187630.652
137	392972.16	7187631.141
138	392979.94	7187636.777
139	392984.161	7187638.133
140	392987.175	7187638.097
141	392991.233	7187636.094

142	392995.867	7187631.834
143	393005.437	7187626.332
144	393014.69	7187619.378
145	393031.829	7187613.751
146	393032.363	7187612.035
147	393030.132	7187606.372
148	393029.688	7187598.779
149	393028.693	7187597.402
150	393026.08	7187597.043
151	393018.443	7187602.143
152	393014.792	7187605.468
153	393012.973	7187604.561
154	393007.78	7187597.987
155	393005.357	7187595.961
156	393002.775	7187595.616
157	392997.556	7187597.294
158	392996.319	7187597.177
159	392995.342	7187596.19
160	392995.536	7187593.696
161	392997.464	7187591.431
162	392999.329	7187587.27
163	393002.12	7187584.35
164	393002.315	7187578.269
165	393008.025	7187576.012
166	393019.707	7187572.822
167	393031.558	7187568.713
168	393038.444	7187568.296
169	393047.497	7187565.233
170	393052.988	7187564.282
171	393055.22	7187563.377
172	393060.127	7187559.936
173	393067.61	7187557.698
174	393076.021	7187553.26
175	393080.524	7187551.423
176	393085.779	7187547.803
177	393090.008	7187545.872
178	393095.32	7187542.262
179	393100.861	7187540.125
180	393110.641	7187535.366
181	393115.599	7187529.337
182	393117.501	7187525.622
183	393119.109	7187521.061

184	393125.246	7187515.233
185	393134.707	7187511.654
186	393146.117	7187510.514
187	393155.47	7187511.468
188	393166.192	7187508.616
189	393171.697	7187507.721
190	393182.155	7187507.562
191	393190.237	7187508.59
192	393193.188	7187508.553
193	393230.937	7187503.038
194	393241.215	7187502.992
195	393252.523	7187506.16
196	393264.927	7187507.838
197	393273.394	7187510.136
198	393288.751	7187513.771
199	393291.866	7187514.008
200	393298.988	7187513.156
201	393304.965	7187513.309
202	393309.358	7187514.04
203	393310.456	7187513.308
204	393310.493	7187513.186
205	393308.076	7187513.186
206	393302.889	7187512.515
207	393293.459	7187513.058
208	393290.286	7187513.363
209	393286.563	7187512.814
210	393282.84	7187511.654
211	393277.958	7187510.495
212	393273.32	7187509.214
213	393271.001	7187507.872
214	393268.351	7187507.074
215	393266.398	7187506.891
216	393263.896	7187506.769
217	393262.248	7187506.281
218	393256.694	7187505.183
219	393253.277	7187505.305
220	393251.202	7187504.878
221	393249.737	7187504.146
222	393248.822	7187502.925
223	393247.784	7187500.851
224	393244.977	7187498.96
225	393239.402	7187497.555

226	393235.191	7187497.128
227	393231.651	7187497.372
228	393227.806	7187497.678
229	393222.192	7187499.508
230	393207.453	7187503.54
231	393201.167	7187504.15
232	393195.797	7187505.066
233	393191.403	7187505.188
234	393186.337	7187505.188
235	393177.64	7187506.291
236	393170.377	7187506.962
237	393165.861	7187507.267
238	393160.735	7187507.267
239	393152.801	7187507.023
240	393141.965	7187506.541
241	393135.313	7187507.334
242	393129.637	7187508.493
243	393124.999	7187510.994
244	393120.727	7187513.618
245	393116.76	7187516.851
246	393110.825	7187527.918
247	393109.178	7187530.846
248	393107.53	7187533.104
249	393105.455	7187534.873
250	393101	7187536.52
251	393094.348	7187538.9
252	393086.658	7187542.987
253	393079.349	7187547.654
254	393077.396	7187548.874
255	393072.88	7187550.217
256	393061.102	7187555.585
257	393050.361	7187559.551
258	393042.763	7187561.879
259	393033.67	7187564.258
260	393019.023	7187568.59
261	393009.909	7187570.924
262	393004.721	7187571.717
263	393001.182	7187573.242
264	392998.252	7187575.927
265	392996.604	7187579.892
266	392992.821	7187585.383
267	392988.76	7187590.876

268	392985.16	7187595.391
269	392980.4	7187598.319
270	392976.067	7187600.211
271	392973.87	7187600.516
272	392970.818	7187600.638
273	392967.824	7187600.328
274	392964.712	7187600.267
275	392962.515	7187600.084
276	392960.806	7187599.169
277	392958.853	7187598.376
278	392956.473	7187597.399
279	392955.069	7187596.362
280	392954.703	7187595.203
281	392953.849	7187593.495
282	392950.553	7187590.993
283	392949.333	7187589.834
284	392948.844	7187588.553
285	392948.234	7187585.99
286	392948.966	7187579.401
287	392948.661	7187574.459
288	392948.051	7187568.907
289	392946.586	7187563.573
290	392944.633	7187560.523
291	392940.181	7187554.206
292	392937.066	7187550.463
293	392936.018	7187547.392
294	392935.621	7187544.755
295	392935.607	7187543.713
296	392935.571	7187542.188
297	392935.795	7187541.269
298	392937.006	7187541.079
299	392937.933	7187541.359
300	392938.439	7187541.756
301	392939.017	7187542.045
302	392939.451	7187542.045
303	392940.852	7187541.455
304	392942.988	7187537.184
305	392944.636	7187535.293
306	392945.918	7187533.096
307	392946.406	7187530.595
308	392945.274	7187528.483
309	392944.596	7187527.648

310	392943.68	7187527.05
311	392941.807	7187526.732
312	392939.775	7187527.289
313	392938.022	7187528.483
314	392936.229	7187529.479
315	392934.396	7187530.354
316	392931.925	7187531.509
317	392930.292	7187531.509
318	392929.056	7187530.514
319	392928.578	7187528.762
320	392927.875	7187527.335
321	392927.519	7187526.017
322	392924.341	7187518.579
323	392920.151	7187512.151
324	392915.528	7187507.024
325	392910.471	7187503.485
326	392903.608	7187500.813
327	392898.118	7187499.946
328	392888.692	7187499.064
329	392882.841	7187498.559
330	392879.229	7187499.714
331	392876.195	7187501.737
332	392875.039	7187502.675
333	392873.305	7187503.686
334	392870.994	7187503.831
335	392868.321	7187504.192
336	392865.07	7187503.253
337	392862.108	7187501.592
338	392859.435	7187499.209
339	392852.172	7187492.4
340	392848.343	7187490.161
341	392841.842	7187487.923
342	392834.257	7187486.55
343	392827.466	7187485.828
344	392822.409	7187485.684
345	392818.22	7187484.6
346	392814.391	7187482.867
347	392810.634	7187480.917
348	392805.973	7187478.454
349	392798.894	7187477.732
350	392795.643	7187477.876
351	392787.957	7187479.975

352	392783.984	7187481.203
353	392780.083	7187481.925
354	392776.182	7187482.503
355	392772.281	7187482.575
356	392766.358	7187481.853
357	392763.058	7187481.694
358	392762.361	7187482.979
359	392758.918	7187492.969
0=PP	392758.262	7187494.781

Polígono 04				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Área de Preservação Permanente	Servidão Administrativa	0,312988	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390706.767		7187416.507	
1	390694.89		7187429.098	
2	390695.453		7187466.29	
3	390696.922		7187474.4	
4	390698.348		7187479.264	
5	390700.785		7187483.259	
6	390703.233		7187483.002	
7	390711.389		7187482.145	
8	390718.192		7187482.284	
9	390732.335		7187482.574	
10	390738.987		7187483.615	
11	390752.84		7187487.443	
12	390757.519		7187487.581	
13	390761.459		7187486.63	
14	390767.477		7187483.636	
15	390770.895		7187482.485	
16	390773.379		7187480.68	
17	390773.553		7187477.586	
0=PP	390706.767		7187416.507	

Polígono 05				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)

Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Área de Preservação Permanente	Servidão Administrativa	12,402588	Luiz Diniz de Oliveira Neto	172021861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390716.755		7187405.586	
1	390745.787		7187374.546	
2	390826.301		7187448.177	
3	390835.772		7187443.675	
4	390844.152		7187443.224	
5	390868.137		7187442.947	
6	390897.23		7187455.518	
7	390925.904		7187459.547	
8	390952.767		7187467.444	
9	390969.489		7187471.088	
10	390987.95		7187477.989	
11	391007.953		7187487.605	
12	391016.266		7187487.605	
13	391028.877		7187491.133	
14	391038.639		7187495.805	
15	391058.719		7187497.125	
16	391078.504		7187507.907	
17	391091.624		7187521.531	
18	391099.729		7187534.441	
19	391113.131		7187537.67	
20	391130.46		7187533.934	
21	391146.339		7187533.47	
22	391160.649		7187536.686	
23	391175.996		7187543.547	
24	391195.117		7187533.906	
25	391213.843		7187532.848	
26	391224.504		7187536.436	
27	391248.384		7187541.069	
28	391272.134		7187553.969	
29	391285.365		7187569.839	
30	391304.081		7187581.888	
31	391326.623		7187606.753	
32	391343.54		7187622.069	
33	391378.519		7187634.132	
34	391395.168		7187643.061	
35	391407.94		7187652.872	
36	391426.848		7187673.324	
37	391444.072		7187682.929	

38	391455.828	7187684.233
39	391473.36	7187686.989
40	391490.344	7187695.032
41	391504.963	7187710.148
42	391515.456	7187720.45
43	391521.394	7187728.81
44	391542.671	7187750.529
45	391555.961	7187770.244
46	391564.445	7187789.313
47	391565.809	7187798.946
48	391572.292	7187819.447
49	391589.516	7187836.724
50	391604.723	7187845.251
51	391610.868	7187847.18
52	391619.55	7187852.936
53	391635.387	7187866.113
54	391660.572	7187890.242
55	391662.311	7187892.328
56	391673.104	7187895.563
57	391683.072	7187900.267
58	391696.855	7187899.049
59	391710.831	7187901.209
60	391718.218	7187898.151
61	391729.133	7187897.621
62	391751.109	7187893.075
63	391762.732	7187892.826
64	391782.811	7187889.234
65	391797.677	7187888.73
66	391806.57	7187886.875
67	391816.872	7187886.515
68	391832.382	7187881.913
69	391852.401	7187871.464
70	391865.386	7187866.803
71	391873.531	7187863.733
72	391880.298	7187859.02
73	391916.469	7187834.036
74	391915.385	7187824.555
75	391916.172	7187815.185
76	391919.826	7187803.129
77	391926.646	7187793.799
78	391932.749	7187788.195
79	391941.822	7187780.155

80	391950.201	7187774.513
81	391958.846	7187772.301
82	391970.442	7187771.353
83	391982.704	7187774.524
84	391994.194	7187780.844
85	392002.735	7187790.246
86	392013.256	7187797.968
87	392022.02	7187807.185
88	392027.045	7187805.053
89	392038.973	7187802.739
90	392047.787	7187799.485
91	392055.591	7187796.344
92	392066.816	7187794.348
93	392092.892	7187786.615
94	392116.608	7187782.978
95	392124.737	7187782.978
96	392132.927	7187783.882
97	392139.422	7187784.52
98	392145.978	7187786.062
99	392153.124	7187789.001
100	392157.495	7187792.564
101	392165.203	7187791.091
102	392187.621	7187794.017
103	392202.166	7187777.234
104	392211.893	7187770.528
105	392229.627	7187740.88
106	392220.743	7187721.995
107	392219.522	7187702.679
108	392225.536	7187680.338
109	392237.641	7187664.687
110	392255.821	7187652.565
111	392314.48	7187642.578
112	392337.455	7187639.265
113	392340.648	7187634.202
114	392375.708	7187632.665
115	392400.06	7187646.018
116	392414.857	7187663.109
117	392429.252	7187687.116
118	392436.964	7187679.305
119	392461.978	7187640.643
120	392480.496	7187615.561
121	392484.363	7187598.509

122	392481.22	7187589.936
123	392477.409	7187571.828
124	392477.438	7187563.246
125	392458.103	7187529.1
126	392451.15	7187521.965
127	392443.775	7187511.635
128	392438.897	7187505.33
129	392434.573	7187498.323
130	392432.288	7187490.961
131	392431.122	7187485.005
132	392428.528	7187466.005
133	392430.669	7187435.971
134	392449.638	7187394.681
135	392450.874	7187388.002
136	392454.283	7187380.719
137	392464.842	7187366.442
138	392470.48	7187361.793
139	392469.673	7187355.395
140	392474.504	7187344.348
141	392480.713	7187331.652
142	392511.105	7187293.565
143	392509.552	7187273.008
144	392521.901	7187241.947
145	392563.588	7187250.216
146	392560.069	7187267.956
147	392554.807	7187274.633
148	392552.224	7187280.947
149	392552.265	7187282.957
150	392554.307	7187290.428
151	392554.72	7187301.308
152	392554.48	7187304.154
153	392553.379	7187307.984
154	392552.239	7187309.832
155	392549.248	7187312.558
156	392545.34	7187319.167
157	392528.25	7187341.194
158	392522.643	7187350.593
159	392520.047	7187352.79
160	392516.175	7187357.439
161	392514.584	7187360.625
162	392513.688	7187361.183
163	392512.976	7187362.668

164	392513.531	7187363.527
165	392519.422	7187360.965
166	392522.375	7187360.636
167	392524.972	7187361.125
168	392526.094	7187363.398
169	392526.988	7187368.34
170	392528.731	7187373.939
171	392531.497	7187381.242
172	392532.136	7187384.39
173	392531.794	7187386.784
174	392529.637	7187387.455
175	392514.957	7187388.027
176	392507.596	7187389.375
177	392500.201	7187392.46
178	392495.167	7187396.531
179	392492.409	7187399.941
180	392491.597	7187401.722
181	392491.035	7187404.327
182	392491.225	7187407.424
183	392492.582	7187410.66
184	392498.163	7187414.198
185	392499.113	7187415.834
186	392498.927	7187418.537
187	392497.604	7187419.618
188	392490.918	7187421.001
189	392487.513	7187423.461
190	392484.749	7187426.546
191	392480.806	7187434.826
192	392476.559	7187439.29
193	392472.458	7187447.457
194	392471.263	7187464.221
195	392472.907	7187474.768
196	392473.998	7187478.093
197	392477.469	7187483.261
198	392480.497	7187489.796
199	392485.666	7187496.75
200	392487.605	7187498.119
201	392492.196	7187500.08
202	392494.869	7187503.094
203	392496.115	7187505.907
204	392496.227	7187510.316
205	392497.776	7187513.882

206	392500.27	7187517.988
207	392505.726	7187524.24
208	392507.697	7187527.206
209	392509.902	7187531.873
210	392511.812	7187537.56
211	392513.558	7187540.732
212	392518.874	7187546.256
213	392519.539	7187547.781
214	392520.067	7187567.492
215	392522.494	7187579.39
216	392525.533	7187587.015
217	392527.386	7187596.431
218	392527.573	7187599.441
219	392525.845	7187607.777
220	392525.678	7187616.684
221	392525.104	7187621.411
222	392523.171	7187625.72
223	392520.36	7187630.379
224	392517.356	7187639.461
225	392514.991	7187642.662
226	392513.236	7187647.111
227	392510.711	7187650.579
228	392503.858	7187653.971
229	392501.451	7187656.398
230	392500.303	7187659.353
231	392498.558	7187667.384
232	392494.046	7187672.803
233	392493.029	7187675.177
234	392492.081	7187679.904
235	392485.724	7187685.51
236	392484.784	7187687.563
237	392484.028	7187691.808
238	392484.818	7187699.586
239	392484.79	7187701.106
240	392483.936	7187703.564
241	392482.639	7187704.262
242	392481.258	7187703.828
243	392474.748	7187699.603
244	392472.516	7187705.572
245	392470.118	7187708.734
246	392466.483	7187710.013
247	392465.138	7187711.143

248	392464.138	7187713.271
249	392464.115	7187714.619
250	392466.334	7187718.986
251	392466.494	7187721.775
252	392460.254	7187731.987
253	392456.962	7187733.881
254	392454.165	7187733.61
255	392451.671	7187733.475
256	392450.618	7187730.658
257	392450.581	7187725.266
258	392450.115	7187724.742
259	392448.445	7187725.065
260	392444.512	7187726.881
261	392442.966	7187728.35
262	392443.614	7187734.489
263	392442.983	7187736.917
264	392433.304	7187742.865
265	392421.624	7187746.062
266	392420.082	7187745.894
267	392417.334	7187744.392
268	392413.859	7187743.499
269	392410.981	7187743.804
270	392404.353	7187745.616
271	392397.976	7187746.155
272	392395.047	7187747.889
273	392390.413	7187752.236
274	392386.993	7187756.58
275	392384.167	7187756.872
276	392380.902	7187754.297
277	392376.527	7187749.236
278	392374.793	7187746.389
279	392374.784	7187745.248
280	392376.082	7187742.654
281	392380.26	7187737.36
282	392387.706	7187722.677
283	392390.807	7187718.519
284	392392.402	7187711.913
285	392392.334	7187708.953
286	392384.322	7187693.24
287	392376.714	7187683.073
288	392372.289	7187678.461
289	392369.17	7187676.282

290	392367.558	7187675.563
291	392364.732	7187675.687
292	392361.875	7187680.218
293	392361.593	7187681.457
294	392361.929	7187683.134
295	392363.223	7187686.032
296	392366.473	7187690.264
297	392369.115	7187695.146
298	392370.118	7187699.193
299	392370.346	7187702.344
300	392369.656	7187712.425
301	392365.404	7187716.543
302	392363.958	7187720.15
303	392362.992	7187724.544
304	392362.923	7187730.266
305	392361.674	7187735.522
306	392361.606	7187738.514
307	392362.143	7187741.734
308	392363.453	7187744.822
309	392373.467	7187758.165
310	392374.131	7187761.205
311	392373.083	7187763.579
312	392363.229	7187771.676
313	392357.284	7187774.391
314	392351.731	7187778.466
315	392343.512	7187780.101
316	392336.592	7187782.28
317	392331.097	7187785.79
318	392328.732	7187786.257
319	392324.126	7187786.185
320	392319.162	7187787.866
321	392313.136	7187788.44
322	392309.252	7187789.558
323	392303.283	7187789.571
324	392294.052	7187792.041
325	392291.007	7187792.114
326	392285.353	7187789.79
327	392282.292	7187789.247
328	392281.275	7187789.913
329	392279.206	7187793.994
330	392276.397	7187795.811
331	392273.528	7187796.175

332	392267.141	7187795.603
333	392264.506	7187794.651
334	392263.791	7187793.913
335	392263.241	7187791.426
336	392263.435	7187790.056
337	392263.705	7187788.719
338	392264.766	7187787.277
339	392267.642	7187785.284
340	392272.47	7187784.721
341	392274.982	7187783.794
342	392280.451	7187780.145
343	392285.683	7187776.461
344	392290.569	7187770.663
345	392297.08	7187765.179
346	392304.154	7187761.821
347	392312.686	7187755.432
348	392314.124	7187753.806
349	392316.059	7187750.041
350	392321.691	7187743.551
351	392327.276	7187734.101
352	392329.341	7187726.921
353	392329.844	7187719.713
354	392331.404	7187712.97
355	392330.872	7187706.812
356	392327.245	7187698.107
357	392325.373	7187695.869
358	392320.014	7187691.793
359	392318.757	7187690.358
360	392316.686	7187686.287
361	392315.505	7187685.162
362	392314.441	7187685.259
363	392313.574	7187685.938
364	392311.647	7187688.38
365	392310.565	7187690.478
366	392309.282	7187695.127
367	392305.931	7187699.639
368	392303.36	7187699.054
369	392300.465	7187697.265
370	392299.358	7187697.285
371	392297.109	7187699.629
372	392295.972	7187699.553
373	392291.398	7187696.632

374	392285.25	7187695.876
375	392282.11	7187693.53
376	392280.395	7187692.95
377	392270.469	7187693.88
378	392267.005	7187696.189
379	392264.362	7187699.606
380	392262.378	7187706.975
381	392262.661	7187711.45
382	392266.136	7187719.032
383	392268.388	7187722.422
384	392273.105	7187726.97
385	392279.114	7187730.401
386	392281.291	7187732.918
387	392282.764	7187736.782
388	392282.789	7187739.506
389	392282.162	7187741.339
390	392270.817	7187757.468
391	392263.49	7187769.166
392	392256.344	7187777.345
393	392251.188	7187786.722
394	392246.76	7187797.708
395	392245.676	7187799.39
396	392240.896	7187803.579
397	392234.774	7187806.374
398	392231.836	7187808.4
399	392226.8	7187814.986
400	392217.466	7187824.275
401	392213.553	7187829.001
402	392212.011	7187830.107
403	392206.367	7187832.318
404	392201.306	7187836.052
405	392196.446	7187837.058
406	392191.925	7187840.128
407	392190.479	7187840.086
408	392186.388	7187839.011
409	392183.011	7187838.875
410	392172.545	7187834.073
411	392168.038	7187833.819
412	392165.214	7187834.358
413	392160.519	7187837.039
414	392156.708	7187838.521
415	392147.136	7187840.126

416	392144.108	7187840.19
417	392141.483	7187839.474
418	392140.587	7187838.697
419	392137.767	7187831.992
420	392136.608	7187830.37
421	392133.404	7187827.758
422	392126.482	7187825.937
423	392120.349	7187825.676
424	392111.016	7187827.736
425	392100.803	7187828.598
426	392076.23	7187835.885
427	392067.627	7187837.251
428	392064.168	7187838.779
429	392060.753	7187842.417
430	392057.217	7187844.96
431	392050.918	7187845.542
432	392043.026	7187845.22
433	392040.285	7187845.6
434	392037.791	7187846.662
435	392036.188	7187847.936
436	392031.731	7187850.234
437	392026.323	7187850.668
438	392013.383	7187851.879
439	392011.207	7187852.934
440	392008.468	7187857.341
441	392006.249	7187858.524
442	392003.302	7187858.573
443	391997.292	7187857.117
444	391995.404	7187855.223
445	391991.802	7187845.064
446	391987.492	7187839.015
447	391986.953	7187837.492
448	391987.02	7187832.981
449	391985.921	7187830.536
450	391985.274	7187830.068
451	391980.865	7187829.733
452	391977.425	7187827.521
453	391970.109	7187820.023
454	391967.214	7187814.235
455	391962.701	7187819.309
456	391958.925	7187821.75
457	391958.005	7187823.305

458	391958.008	7187824.729
459	391959.003	7187828.227
460	391961.789	7187834.394
461	391964.246	7187837.712
462	391970.305	7187843.421
463	391971.279	7187844.907
464	391971.296	7187846.257
465	391969.994	7187850.489
466	391970.197	7187853.915
467	391974.431	7187857.431
468	391976.302	7187859.764
469	391976.309	7187860.333
470	391973.725	7187862.259
471	391970.863	7187863.169
472	391953.058	7187863.35
473	391941.056	7187868.756
474	391935.49	7187873.09
475	391929.8	7187876.594
476	391926.07	7187881.736
477	391917.691	7187885.333
478	391914.107	7187887.803
479	391912.539	7187889.282
480	391910.273	7187892.993
481	391904.21	7187894.304
482	391898.285	7187897.693
483	391895.091	7187898.863
484	391893.301	7187901.548
485	391891.815	7187902.784
486	391886.473	7187903.771
487	391881.588	7187906.225
488	391879.275	7187908.375
489	391878.56	7187910.544
490	391876.985	7187912.18
491	391871.901	7187914.085
492	391870.322	7187913.321
493	391868.378	7187911.019
494	391867.379	7187911.243
495	391864.231	7187912.959
496	391863.649	7187914.096
497	391863.481	7187916.692
498	391862.821	7187917.477
499	391861.856	7187917.853

500	391859.054	7187917.055
501	391847.323	7187923.013
502	391839.803	7187924.543
503	391832.104	7187926.938
504	391823.843	7187928.445
505	391820.106	7187930.115
506	391817.05	7187929.993
507	391812.188	7187928.964
508	391808.44	7187930.816
509	391804.057	7187930.783
510	391801.263	7187931.323
511	391796.36	7187933.541
512	391793.288	7187933.16
513	391789.356	7187931.688
514	391786.534	7187931.709
515	391773.988	7187933.833
516	391767.466	7187935.858
517	391755.374	7187935.653
518	391741.894	7187938.62
519	391733.532	7187939.958
520	391727.653	7187940.243
521	391725.451	7187941.155
522	391724.74	7187944.565
523	391723.794	7187946.384
524	391723.155	7187947
525	391720.919	7187947.413
526	391715.148	7187944.881
527	391695.459	7187941.838
528	391691.214	7187942.213
529	391687.712	7187944.453
530	391683.681	7187945.217
531	391680.458	7187944.503
532	391674.453	7187941.898
533	391668.683	7187940.859
534	391663.255	7187938.148
535	391655.645	7187938.213
536	391652.179	7187934.235
537	391650.658	7187933.415
538	391644.594	7187931.82
539	391640.378	7187928.859
540	391635.942	7187927.359
541	391632.97	7187925.583

542	391630.147	7187920.118
543	391628.679	7187918.357
544	391623.749	7187914.26
545	391619.454	7187909.573
546	391607.145	7187897.902
547	391594.142	7187887.082
548	391592.4	7187885.928
549	391586.374	7187884.037
550	391576.22	7187877.388
551	391573.035	7187876.739
552	391566.906	7187876.654
553	391562.346	7187875.068
554	391557.653	7187872.182
555	391554.448	7187869.406
556	391552.233	7187866.159
557	391550.631	7187859.914
558	391549.221	7187856.964
559	391543.389	7187850.753
560	391540.024	7187848.065
561	391536.572	7187846.245
562	391532.683	7187845.115
563	391529.218	7187845.274
564	391526.481	7187843.822
565	391517.774	7187834.303
566	391513.979	7187828.827
567	391507.492	7187818.261
568	391506.195	7187814.766
569	391506.312	7187811.917
570	391507.239	7187811.066
571	391508.633	7187811.006
572	391510.35	7187811.817
573	391523.041	7187821.127
574	391523.745	7187821.15
575	391525.075	7187819.715
576	391526.653	7187815.787
577	391524.293	7187808.894
578	391523.465	7187803.044
579	391520.217	7187797.182
580	391517.538	7187789.279
581	391509.405	7187777.213
582	391501.913	7187769.314
583	391495.569	7187763.547

584	391488.263	7187755.559
585	391481.813	7187746.479
586	391475.373	7187743.732
587	391472.825	7187741.546
588	391469.605	7187734.091
589	391466.242	7187730.037
590	391461.777	7187728.19
591	391454.689	7187727.076
592	391451.902	7187727.363
593	391449.202	7187728.774
594	391446.804	7187729.237
595	391445.426	7187728.873
596	391442.174	7187726.685
597	391439.012	7187725.266
598	391433.307	7187725.046
599	391424.58	7187722.129
600	391421.194	7187718.779
601	391417.094	7187715.949
602	391412.395	7187713.315
603	391406.474	7187710.958
604	391401.241	7187707.508
605	391393.799	7187700.681
606	391388.312	7187693.847
607	391379.466	7187684.591
608	391372.027	7187678.877
609	391361.56	7187673.263
610	391329.532	7187662.448
611	391315.004	7187655.611
612	391311.892	7187653.17
613	391307.122	7187646.008
614	391304.19	7187642.914
615	391301.416	7187640.992
616	391295.418	7187638.78
617	391287.83	7187632.141
618	391283.107	7187621.834
619	391275.965	7187614.09
620	391268.568	7187608.923
621	391260.711	7187605.134
622	391256.711	7187602.591
623	391250.657	7187594.382
624	391244.842	7187587.509
625	391232.473	7187580.791

626	391229.635	7187580.023
627	391214.778	7187578.005
628	391208.056	7187575.743
629	391205.177	7187575.905
630	391201.584	7187577.483
631	391196.609	7187581.291
632	391193.403	7187585.544
633	391189.735	7187596.541
634	391188.754	7187604.906
635	391187.18	7187606.344
636	391182.936	7187606.659
637	391169.403	7187600.885
638	391167.581	7187599.536
639	391166.536	7187598.3
640	391163.288	7187590.132
641	391158.982	7187584.138
642	391154.334	7187580.416
643	391147.184	7187577.22
644	391142.236	7187576.108
645	391134.777	7187576.326
646	391127.939	7187577.526
647	391118.813	7187580.616
648	391113.978	7187581.142
649	391109.894	7187580.606
650	391089.332	7187575.652
651	391082.171	7187576.011
652	391077.416	7187575.307
653	391075.245	7187574.453
654	391071.573	7187572.291
655	391068.797	7187569.197
656	391062	7187554.156
657	391058.045	7187547.931
658	391052.427	7187542.097
659	391046.597	7187538.92
660	391040.834	7187538.541
661	391032.61	7187540.091
662	391028.379	7187539.371
663	391023.905	7187537.364
664	391018.28	7187533.178
665	391014.807	7187531.516
666	391009.95	7187530.408
667	391001.919	7187529.818

668	390995.271	7187528.305
669	390986.43	7187524.771
670	390971.602	7187517.335
671	390962.693	7187514.356
672	390956.581	7187511.772
673	390941.874	7187508.568
674	390938.356	7187507.576
675	390932.705	7187505.011
676	390926.252	7187504.27
677	390917.401	7187501.446
678	390903.806	7187500.198
679	390890.282	7187497.792
680	390877.004	7187493.842
681	390868.065	7187488.42
682	390861.569	7187485.937
683	390855.757	7187486.297
684	390849.267	7187485.51
685	390846.437	7187485.663
686	390842.014	7187487.765
687	390836.242	7187492.483
688	390833.843	7187493.64
689	390824.219	7187495.018
690	390815.324	7187494.465
691	390813.588	7187493.902
692	390812.856	7187493.475
693	390805.48	7187486.729
0=PP	390716.755	7187405.586

Polígono 06				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Área de Preservação Permanente	Servidão Administrativa	2,732947	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	392568.238		7187248.373	
1	392567.941		7187250.686	
2	392566.21		7187253.154	
3	392565.893		7187254.368	
4	392568.902		7187266.329	

5	392570.111	7187268.073
6	392573.367	7187270.578
7	392579.232	7187273.867
8	392591.202	7187279.535
9	392593.03	7187281.029
10	392594.934	7187284.041
11	392594.965	7187285.178
12	392593.053	7187286.067
13	392589.764	7187286.037
14	392588.945	7187286.973
15	392588.914	7187288.126
16	392590.403	7187292.991
17	392591.272	7187293.74
18	392592.223	7187293.725
19	392594.012	7187293.161
20	392597.607	7187293.324
21	392600.637	7187292.3
22	392602.798	7187292.371
23	392603.218	7187292.969
24	392602.284	7187295.057
25	392602.316	7187297.876
26	392604.259	7187304.944
27	392604.106	7187306.322
28	392603.063	7187308.03
29	392593.838	7187310.863
30	392585.506	7187315.966
31	392581.633	7187319.536
32	392576.128	7187329.012
33	392574.34	7187344.065
34	392573.066	7187348.289
35	392571.301	7187351.388
36	392569.225	7187353.354
37	392562.643	7187356.181
38	392559.515	7187359.063
39	392555.39	7187363.954
40	392549.682	7187368.631
41	392548.39	7187370.188
42	392547.58	7187372.573
43	392547.62	7187374.111
44	392550.076	7187382.861
45	392550.786	7187393.751
46	392552.142	7187398.019

47	392553.787	7187399.63
48	392556.418	7187401.044
49	392559.618	7187401.12
50	392568.363	7187398.008
51	392577.585	7187393.17
52	392595.35	7187389.721
53	392602.854	7187389.362
54	392611.979	7187387.709
55	392615.1	7187387.42
56	392619.926	7187385.127
57	392624.051	7187384.175
58	392639.114	7187384.363
59	392659.256	7187385.926
60	392666.455	7187388.156
61	392675.353	7187389.085
62	392680.921	7187391.897
63	392685.721	7187398.206
64	392690.28	7187401.43
65	392700.633	7187407.377
66	392716.484	7187421.203
67	392718.074	7187423.493
68	392719.705	7187428.452
69	392721.141	7187433.882
70	392722.236	7187441.909
71	392723.424	7187444.949
72	392727.559	7187449.259
73	392730.618	7187455.301
74	392733.083	7187458.582
75	392739.219	7187464.455
76	392744.3	7187468.199
77	392748.97	7187470.008
78	392753.321	7187470.179
79	392766.722	7187465.672
80	392776.017	7187463.112
81	392780.215	7187463.88
82	392787.957	7187468.907
83	392791.161	7187469.486
84	392793.752	7187468.69
85	392794.773	7187468.017
86	392795.685	7187466.489
87	392795.536	7187464.405
88	392794.925	7187463.678

89	392786.17	7187460.075
90	392782.821	7187457.322
91	392781.599	7187455.391
92	392781.338	7187452.1
93	392782.236	7187446.342
94	392783.245	7187443.197
95	392785.832	7187439.813
96	392792.236	7187434.191
97	392797.362	7187431.4
98	392803.344	7187430.749
99	392816.28	7187432.693
100	392821.1	7187434.32
101	392828.327	7187440.588
102	392837.225	7187445.751
103	392841.555	7187447.303
104	392852.566	7187448.464
105	392858.045	7187449.806
106	392864.536	7187453.048
107	392870.028	7187458.091
108	392873.618	7187464.126
109	392876.299	7187471.613
110	392876.822	7187474.316
111	392876.211	7187476.139
112	392871.852	7187477.999
113	392869.245	7187478.596
114	392856.303	7187476.932
115	392853.462	7187477.297
116	392851.82	7187478.583
117	392852.383	7187480.92
118	392853.491	7187482.206
119	392859.548	7187485.693
120	392863.982	7187489.961
121	392866.712	7187491.52
122	392868.354	7187490.88
123	392871.808	7187486.83
124	392874.159	7187485.769
125	392879.875	7187484.894
126	392882.374	7187484.89
127	392883.861	7187485.395
128	392888.332	7187488.548
129	392890.946	7187489.149
130	392899.158	7187487.498

131	392907.832	7187486.848
132	392914.86	7187485.721
133	392923.419	7187485.35
134	392924.52	7187484.451
135	392925.242	7187481.974
136	392925.699	7187476.155
137	392927.787	7187465.033
138	392928.962	7187463.304
139	392930.124	7187463.588
140	392936.104	7187466.743
141	392938.133	7187469.101
142	392939.531	7187473.775
143	392938.617	7187476.596
144	392938.623	7187479.041
145	392939.283	7187479.756
146	392940.022	7187479.673
147	392941.278	7187478.316
148	392942.091	7187478.239
149	392942.817	7187479.112
150	392944.394	7187493.067
151	392944.391	7187506.437
152	392945.272	7187512.687
153	392945.079	7187515.079
154	392946.633	7187511.975
155	392949.873	7187502.32
156	392951.492	7187496.874
157	392952.34	7187489.864
158	392952.596	7187481.354
159	392951.229	7187463.189
160	392949.094	7187445.188
161	392945.144	7187423.508
162	392927.854	7187419.282
163	392914.102	7187423.198
164	392901.003	7187428.833
165	392888.876	7187417.699
166	392872.777	7187409.657
167	392853.059	7187405.78
168	392842.621	7187396.727
169	392826.31	7187391.224
170	392804.217	7187387.903
171	392784.415	7187390.059
172	392767.756	7187399.128

173	392757.702	7187407.954
174	392754.915	7187402.017
175	392748.391	7187392.638
176	392736.907	7187382.622
177	392715.159	7187366.709
178	392708.818	7187358.373
179	392687.538	7187347.626
180	392632.252	7187341.774
181	392645.305	7187320.406
182	392651.866	7187288.297
183	392635.819	7187264.975
184	392614.085	7187243.346
185	392609.454	7187238.004
0=PP	392568.238	7187248.373

Polígono 07				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Área de Preservação Permanente	Servidão Administrativa	1,842431	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	392954.207		7187523.652	
1	392954.169		7187524.436	
2	392955.719		7187526.639	
3	392961.966		7187530.099	
4	392964.957		7187533.136	
5	392970.27		7187544.877	
6	392970.597		7187548.143	
7	392969.865		7187550.688	
8	392966.931		7187556.651	
9	392963.577		7187560.693	
10	392962.683		7187563.64	
11	392961.838		7187570.653	
12	392962.305		7187571.997	
13	392964.912		7187573.854	
14	392966.37		7187574.178	
15	392969.235		7187573.736	
16	392976.623		7187570.496	
17	392983.967		7187561.142	
18	392986.28		7187559.479	

19	392996.479	7187557.343
20	393002.819	7187554.66
21	393005.537	7187551.523
22	393007.964	7187544.917
23	393013.226	7187539.43
24	393014.754	7187538.384
25	393017.21	7187538.393
26	393023.531	7187541.472
27	393033.475	7187543.1
28	393036.015	7187542.928
29	393038.579	7187541.448
30	393047.262	7187540.566
31	393048.604	7187540.29
32	393050.946	7187538.878
33	393053.426	7187538.746
34	393054.788	7187539.559
35	393059.169	7187543.892
36	393062.074	7187545.173
37	393064.616	7187545.345
38	393067.864	7187544.862
39	393071.525	7187541.745
40	393070.955	7187541.076
41	393066.804	7187540.663
42	393065.312	7187540.055
43	393063.551	7187537.474
44	393063.619	7187536.41
45	393064.483	7187535.739
46	393067.111	7187535.441
47	393068.447	7187535.777
48	393073.839	7187540.172
49	393076.903	7187540.197
50	393079.25	7187539.346
51	393080.434	7187538.199
52	393083.383	7187533.351
53	393086.783	7187530.621
54	393093.239	7187527.872
55	393100.095	7187526.436
56	393103.01	7187524.34
57	393107.173	7187518.152
58	393110.282	7187515.255
59	393114.301	7187513.095
60	393116.391	7187511.16

61	393117.044	7187508.844
62	393117.084	7187504.315
63	393118.841	7187501.027
64	393126.986	7187494.371
65	393128.754	7187493.084
66	393130.017	7187492.75
67	393131.184	7187490.96
68	393131.355	7187493.408
69	393130.615	7187496.322
70	393131.062	7187499.861
71	393138.582	7187501.592
72	393147.678	7187500.12
73	393153.273	7187497.965
74	393157.66	7187497.663
75	393161.734	7187496.712
76	393173.329	7187497.207
77	393188.035	7187495.359
78	393200.07	7187495.433
79	393211.021	7187496.258
80	393225.495	7187495.394
81	393232.214	7187493.676
82	393235.1	7187493.439
83	393241.828	7187494.939
84	393246.049	7187494.147
85	393248.202	7187494.228
86	393257.302	7187496.805
87	393260.432	7187498.402
88	393265.264	7187500.918
89	393275.327	7187503.634
90	393281.043	7187505.07
91	393293.818	7187507.031
92	393299.044	7187506.779
93	393304.72	7187507.267
94	393308.748	7187508
95	393310.09	7187508.671
96	393310.106	7187508.726
97	393316.007	7187466.637
98	393312.362	7187465.46
99	393303.84	7187464.283
100	393293.898	7187464.134
101	393280.798	7187461.09
102	393255.822	7187452.156

103	393238.052	7187450.554
104	393218.904	7187453.212
105	393185.505	7187452.843
106	393171.573	7187454.593
107	393162.973	7187454.231
108	393158.41	7187454.259
109	393153.778	7187454.964
110	393146.54	7187451.042
111	393137.35	7187448.779
112	393127.141	7187448.379
113	393117.295	7187450.364
114	393108.533	7187454.696
115	393099.21	7187462.183
116	393085.363	7187473.499
117	393071.862	7187490.782
118	393032.69	7187498.813
119	393028.518	7187497.374
120	393022.76	7187496.014
121	393014.237	7187495.663
122	393001.676	7187495.836
123	392990.957	7187498.967
124	392986.894	7187492.262
125	392983.622	7187461.72
126	392976.253	7187448.242
127	392963.062	7187432.914
128	392958.629	7187430.575
129	392960.967	7187443.404
130	392963.176	7187462.032
131	392964.61	7187481.083
132	392964.318	7187490.767
133	392963.283	7187499.322
134	392961.316	7187505.94
135	392957.741	7187516.592
0=PP	392954.207	7187523.652

Polígono 08				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104451	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Área de Preservação Permanente	Servidão Administrativa	10,979482	Luiz Diniz de Oliveira Neto	172021861341

Vértice	Coordenada E (m)	Coordenada N (m)
0=PP	390731.688	7187631.78
1	390748.207	7187642.951
2	390782.115	7187664.684
3	390803.309	7187677.362
4	390818.319	7187687.737
5	390828.045	7187695.074
6	390833.827	7187700.152
7	390840.996	7187706.061
8	390852.4	7187703.29
9	390863.079	7187703.515
10	390874.808	7187700.564
11	390910.406	7187685.87
12	390957.127	7187657.087
13	390987.144	7187678.845
14	390995.681	7187687.895
15	391005.147	7187694.939
16	391021.333	7187702.846
17	391026.77	7187707.656
18	391039.197	7187715.085
19	391049.162	7187717.419
20	391059.964	7187725.606
21	391069.163	7187730.23
22	391079.632	7187733.749
23	391093.196	7187735.094
24	391114.109	7187732.095
25	391131.191	7187725.67
26	391175.129	7187735.135
27	391184.692	7187740.747
28	391207.239	7187746.788
29	391226.54	7187755.736
30	391242.178	7187770.936
31	391256.14	7187788.897
32	391266.695	7187796.269
33	391279.212	7187803.594
34	391289.406	7187807.237
35	391306.166	7187808.902
36	391310.914	7187810.43
37	391318.636	7187816.188
38	391330.285	7187830.561
39	391359.158	7187849.357
40	391369.531	7187859.602

41	391386.487	7187873.594
42	391399.028	7187901.017
43	391435.193	7187938.03
44	391448.587	7187954.922
45	391461.483	7187965.501
46	391484.499	7187974.644
47	391510.011	7187972.807
48	391522.328	7187977.976
49	391538.735	7187978.657
50	391553.682	7187991.367
51	391560.23	7188001.206
52	391561.137	7188011.292
53	391564.199	7188020.588
54	391569.636	7188029.175
55	391579.393	7188039.042
56	391586.956	7188047.631
57	391598.809	7188053.317
58	391611.32	7188056.149
59	391629.937	7188055.633
60	391653.975	7188058.844
61	391681.261	7188059.84
62	391724.147	7188055.546
63	391746.836	7188047.213
64	391764.111	7188046.858
65	391776.1	7188045.639
66	391784.678	7188042.238
67	391792.861	7188037.972
68	391826.213	7188041.863
69	391836.185	7188041.753
70	391844.949	7188039.012
71	391854.148	7188035.049
72	391863.266	7188028.131
73	391912.056	7188010.784
74	391917.751	7188014.361
75	391926.251	7188016.99
76	391935.604	7188019.335
77	391951.778	7188019.341
78	391957.953	7188018.409
79	391965.558	7188016.532
80	391971.308	7188013.95
81	391978.355	7188010.296
82	391985.591	7188004.795

83	391992.412	7187995.604
84	391998.996	7187984.344
85	392000.59	7187974.743
86	392007.375	7187975.256
87	392027.351	7187992.144
88	392041.755	7187998.335
89	392055.764	7188000.987
90	392071.907	7187999.288
91	392089.587	7187989.655
92	392094.626	7187982.877
93	392125.34	7187960.576
94	392139.028	7187943.768
95	392156.454	7187937.496
96	392165.721	7187935.174
97	392174.28	7187931.027
98	392182.17	7187930.749
99	392192.665	7187929.349
100	392215.679	7187923.139
101	392220.393	7187920.711
102	392235.48	7187917.621
103	392240.096	7187915.839
104	392253.748	7187914.256
105	392265.981	7187908.138
106	392277.288	7187899.357
107	392287.116	7187894.793
108	392294.7	7187893.827
109	392310.341	7187889.537
110	392317.525	7187888.804
111	392320.783	7187887.141
112	392334.631	7187886.801
113	392358.473	7187881.311
114	392369.41	7187871.73
115	392375.218	7187868.8
116	392387.064	7187866.136
117	392393.196	7187862.446
118	392401.568	7187862.446
119	392415.211	7187859.928
120	392438.143	7187849.223
121	392450.979	7187838.953
122	392474.449	7187826.84
123	392487.322	7187822.197
124	392501.839	7187819.709

125	392514.013	7187814.461
126	392526.255	7187804.889
127	392540.031	7187791.248
128	392555.849	7187764.398
129	392560.67	7187761.307
130	392573.618	7187748.572
131	392581.311	7187727.93
132	392580.432	7187716.48
133	392618.578	7187659.081
134	392622.025	7187649.32
135	392633.259	7187626.236
136	392634.454	7187617.506
137	392635.649	7187608.776
138	392635.108	7187596.197
139	392647.985	7187605.455
140	392681.518	7187579.344
141	392665.686	7187566.319
142	392664.556	7187564.349
143	392664.504	7187561.567
144	392667.258	7187556.84
145	392667.008	7187553.918
146	392664.928	7187549.834
147	392656.185	7187539.227
148	392655.548	7187536.105
149	392656.654	7187524.6
150	392658.464	7187518.076
151	392659.128	7187512.301
152	392664.714	7187492.629
153	392663.785	7187480.118
154	392662.52	7187472.184
155	392656.61	7187451.075
156	392651.652	7187443.306
157	392647.869	7187439.537
158	392645.268	7187437.615
159	392639.338	7187435.149
160	392633.272	7187431.241
161	392619.859	7187429.816
162	392609.782	7187430.831
163	392600.218	7187432.523
164	392594.272	7187435.727
165	392584.115	7187439.272

166	392579.54	7187442.282
167	392573.528	7187444.9
168	392565.61	7187450.333
169	392558.232	7187452.158
170	392553.861	7187456.752
171	392552.272	7187460.837
172	392555.475	7187467.243
173	392558.398	7187470.615
174	392567.199	7187474.722
175	392576.14	7187480.489
176	392579.625	7187481.508
177	392585.295	7187482.111
178	392587.707	7187483.846
179	392589.001	7187486.324
180	392588.792	7187490.786
181	392589.476	7187494.041
182	392594.303	7187504.625
183	392594.488	7187508.422
184	392593.08	7187515.293
185	392591.785	7187518.736
186	392590.017	7187521.409
187	392589.786	7187522.738
188	392590.996	7187529.429
189	392591.092	7187532.428
190	392590.568	7187535.096
191	392588.255	7187540.547
192	392586.943	7187551.249
193	392584.991	7187557.85
194	392583.875	7187572.194
195	392584.191	7187576.82
196	392587.043	7187584.254
197	392588.39	7187591.632
198	392591.919	7187598.977
199	392592.823	7187602.107
200	392593.024	7187606.791
201	392592.072	7187613.744
202	392582.753	7187632.893
203	392580.92	7187638.085
204	392578.847	7187640.659
205	392578.179	7187642.216
206	392575.301	7187646.598
207	392572.342	7187651.668

208	392569.102	7187657.089
209	392565.79	7187662.721
210	392563.804	7187665.963
211	392558.769	7187673.511
212	392551.505	7187682.234
213	392547.099	7187690.104
214	392543.271	7187695.108
215	392541.456	7187699.448
216	392537	7187706.793
217	392536.365	7187708.965
218	392536.406	7187712.03
219	392537.979	7187718.727
220	392538.219	7187721.856
221	392537.09	7187724.887
222	392534.013	7187727.913
223	392527.795	7187731.901
224	392522.972	7187736.583
225	392518.037	7187744.816
226	392512.329	7187749.539
227	392510.176	7187751.989
228	392508.167	7187760.764
229	392505.608	7187765.523
230	392498.118	7187772.94
231	392492.154	7187777.603
232	392489.667	7187778.675
233	392477.329	7187780.79
234	392462.666	7187785.388
235	392451.175	7187790.843
236	392436.918	7187798.82
237	392426.976	7187802.689
238	392420.527	7187809.306
239	392417.054	7187811.913
240	392409.455	7187814.993
241	392400.746	7187819.538
242	392398.025	7187820.109
243	392390.437	7187819.796
244	392382.461	7187821.072
245	392375.019	7187823.782
246	392371.123	7187826.127
247	392368.437	7187826.718
248	392363.152	7187827.991
249	392359.039	7187828.738

250	392353.285	7187832.384
251	392344.649	7187835.608
252	392343.023	7187837.14
253	392341.608	7187839.583
254	392338.512	7187842.295
255	392329.288	7187844.419
256	392310.07	7187844.89
257	392305.288	7187847.332
258	392299.852	7187847.887
259	392295.842	7187849.544
260	392286.513	7187852.026
261	392271.219	7187853.975
262	392269.19	7187856.04
263	392267.339	7187857.124
264	392255.033	7187862.83
265	392243.222	7187872.001
266	392241.424	7187872.901
267	392238.563	7187873.232
268	392232.502	7187872.969
269	392223.795	7187876.499
270	392216.893	7187877.673
271	392205.042	7187880.81
272	392200.237	7187883.286
273	392184.285	7187887.59
274	392178.693	7187888.336
275	392169.852	7187888.61
276	392161.15	7187890.259
277	392157.985	7187891.733
278	392153.307	7187893.089
279	392149.317	7187895.471
280	392144.062	7187896.787
281	392127.385	7187902.789
282	392121.936	7187903.765
283	392108.807	7187904.536
284	392104.953	7187905.982
285	392100.896	7187906.694
286	392084.234	7187907.767
287	392083.985	7187908.039
288	392084.522	7187908.306
289	392090.305	7187910.728
290	392094.579	7187914.357
291	392099.38	7187922.822

292	392099.031	7187925.579
293	392095.709	7187929.658
294	392092.281	7187932.215
295	392085.281	7187935.913
296	392079.291	7187941.939
297	392072.773	7187946.106
298	392064.116	7187952.68
299	392061.051	7187956.804
300	392059.022	7187957.909
301	392057.529	7187958.066
302	392054.249	7187957.445
303	392049.953	7187955.599
304	392029.044	7187937.923
305	392021.332	7187933.361
306	392017.966	7187932.642
307	392007.342	7187932.754
308	392003.37	7187931.965
309	391995.995	7187929.06
310	391985.981	7187928.614
311	391979.455	7187930.975
312	391973.602	7187930.804
313	391969.807	7187932.785
314	391967.466	7187933.202
315	391965.038	7187929.606
316	391963.91	7187929.101
317	391963.245	7187929.581
318	391963.143	7187932.302
319	391964.56	7187935.134
320	391961.568	7187936.546
321	391959.83	7187938.238
322	391958.157	7187943.772
323	391955.498	7187947.253
324	391954.427	7187950.311
325	391955.039	7187954.985
326	391958.385	7187963.317
327	391958.716	7187967.473
328	391958.354	7187969.654
329	391955.621	7187974.326
330	391951.323	7187976.428
331	391948.597	7187976.84
332	391940.857	7187976.837
333	391936.184	7187975.665

334	391933.812	7187973.774
335	391929.887	7187968.017
336	391927.042	7187964.868
337	391925.288	7187963.605
338	391922.068	7187962.883
339	391916.75	7187964.514
340	391907.334	7187966.48
341	391898.811	7187970.398
342	391877.47	7187977.124
343	391871.376	7187980.056
344	391865.429	7187981.764
345	391856.024	7187985.827
346	391847.863	7187988.436
347	391840.883	7187991.645
348	391832.461	7187998.116
349	391829.305	7187999.475
350	391824.621	7187998.945
351	391820.433	7187996.925
352	391817.244	7187996.053
353	391808.318	7187996.487
354	391799.083	7187995.93
355	391792.469	7187994.938
356	391788.87	7187995.064
357	391778.861	7187997.342
358	391765.606	7188004.252
359	391740.487	7188004.852
360	391726.049	7188008.905
361	391715.58	7188013.155
362	391713.314	7188013.185
363	391709.917	7188012.44
364	391703.414	7188014.596
365	391691.818	7188015.739
366	391686.106	7188015.802
367	391679.181	7188017.039
368	391661.871	7188015.658
369	391654.91	7188016.164
370	391646.676	7188015.201
371	391634.538	7188012.373
372	391629.372	7188010.047
373	391625.279	7188007.228
374	391624.032	7188008.556
375	391616.809	7188013.344

376	391613.442	7188013.4
377	391608.441	7188007.72
378	391603.489	7188003.982
379	391603.036	7188002.603
380	391603.47	7187999.853
381	391606.403	7187995.261
382	391607.402	7187992.174
383	391607.151	7187989.038
384	391604.264	7187984.803
385	391593.428	7187974.378
386	391585.095	7187961.857
387	391577.543	7187956.12
388	391567.366	7187946.763
389	391559.457	7187941.33
390	391548.907	7187936.723
391	391540.903	7187935.394
392	391535.314	7187936.175
393	391532.092	7187935.983
394	391523.338	7187932.309
395	391513.931	7187929.538
396	391510.894	7187929.274
397	391503.973	7187930.669
398	391495.207	7187931.127
399	391487.46	7187928.589
400	391486.15	7187928.38
401	391484.64	7187928.97
402	391483.322	7187928.446
403	391478.514	7187924.502
404	391473.084	7187918.099
405	391468.124	7187910.931
406	391451.717	7187894.07
407	391449.737	7187890.064
408	391445.329	7187885.922
409	391442.328	7187881.033
410	391440.262	7187881.274
411	391438.301	7187880.469
412	391434.078	7187876.113
413	391433.364	7187874.691
414	391434.085	7187873.233
415	391433.906	7187871.916
416	391432.395	7187867.833
417	391424.959	7187852.228

418	391421.182	7187846.928
419	391416.821	7187842.241
420	391407.252	7187836.489
421	391401.237	7187830.999
422	391389.643	7187815.325
423	391378.062	7187802.893
424	391374.528	7187800.735
425	391370.98	7187799.608
426	391370.204	7187799.877
427	391369.968	7187800.684
428	391370.972	7187806.389
429	391370.254	7187806.416
430	391367.377	7187804.68
431	391360.239	7187799.665
432	391353.87	7187791.172
433	391346.275	7187783.782
434	391329.401	7187771.202
435	391322.755	7187769.594
436	391312.201	7187766.197
437	391310.612	7187765.948
438	391303.485	7187766.483
439	391300.097	7187765.925
440	391296.547	7187764.657
441	391292.577	7187762.516
442	391285.357	7187757.468
443	391280.168	7187751.091
444	391273.869	7187742.102
445	391267.456	7187736.639
446	391257.357	7187725.959
447	391249.066	7187719.334
448	391223.303	7187707.39
449	391214.348	7187704.22
450	391202.222	7187701.271
451	391201.209	7187700.582
452	391200.71	7187698.499
453	391199.641	7187697.81
454	391193.403	7187696.213
455	391186.252	7187691.411
456	391178.4	7187689.362
457	391173.695	7187687.275
458	391166.358	7187686.207
459	391160.333	7187684.451

460	391158.943	7187684.762
461	391157.539	7187685.954
462	391157.715	7187688.356
463	391157.175	7187689.048
464	391126.503	7187679.947
465	391121.578	7187680.514
466	391112.263	7187687.382
467	391103.487	7187690.683
468	391092.262	7187692.293
469	391088.613	7187691.931
470	391085.559	7187690.905
471	391082.532	7187689.383
472	391069.138	7187679.23
473	391064.329	7187677.32
474	391055.326	7187675.212
475	391051.97	7187673.206
476	391045.173	7187667.192
477	391027.35	7187658.486
478	391024.041	7187656.023
479	391016.754	7187648.298
480	391012.017	7187644.101
481	391007.493	7187641.12
482	391000.131	7187635.14
483	390987.487	7187626.76
484	390971.685	7187614.819
485	390965.432	7187611.402
486	390957.67	7187608.164
487	390952.372	7187604.961
488	390945.671	7187603.205
489	390936.73	7187603.397
490	390935.81	7187603.82
491	390935.37	7187604.76
492	390935.33	7187607.178
493	390937.64	7187614.368
494	390937.197	7187617.168
495	390935.387	7187620.034
496	390927.876	7187626.072
497	390921.141	7187628.694
498	390911.981	7187635.569
499	390903.932	7187639.529
500	390897.063	7187644.62
501	390892.332	7187647.277

502	390872.615	7187654.796
503	390868.146	7187657.807
504	390866.78	7187658.296
505	390862.285	7187658.239
506	390857.706	7187661.117
507	390851.271	7187660.198
508	390844.515	7187661.527
509	390832.983	7187662.196
510	390824.938	7187661.699
511	390805.4	7187658.506
512	390803.689	7187657.577
513	390800.548	7187654.472
514	390785.885	7187633.001
515	390782.77	7187630.181
516	390779.685	7187628.797
517	390762.719	7187627.114
518	390754.006	7187627.644
519	390738.735	7187630.128
520	390735.959	7187630.58
0=PP	390731.688	7187631.78

Polígono 09				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Área de Preservação Permanente	Servidão Administrativa	0,943414	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	392778.625		7187597.228	
1	392819.054		7187584.121	
2	392824.061		7187578.349	
3	392823.126		7187564.626	
4	392818.154		7187552.708	
5	392817.609		7187541.67	
6	392827.699		7187538.456	
7	392832.351		7187542.148	
8	392838.826		7187555.536	
9	392858.332		7187575.8	
10	392876.466		7187586.28	
11	392879.367		7187587.411	
12	392880.77		7187591.714	

13	392859.534	7187622.484
14	392879.216	7187611.262
15	392894.873	7187602.147
16	392903.264	7187595.584
17	392912.293	7187584.55
18	392916.817	7187576.65
19	392917.807	7187573.865
20	392919.997	7187567.164
21	392919.945	7187564.58
22	392918.719	7187560.35
23	392917.917	7187559.522
24	392912.222	7187557.419
25	392906.192	7187554.434
26	392897.1	7187546.708
27	392891.16	7187545.685
28	392885.493	7187542.41
29	392880.337	7187536.637
30	392876.413	7187533.601
31	392874.34	7187531.354
32	392873.217	7187529.032
33	392872.022	7187521.241
34	392870.828	7187518.43
35	392852.748	7187504.077
36	392846.102	7187495.643
37	392843.307	7187493.885
38	392835.47	7187492.172
39	392824.944	7187495.058
40	392819.036	7187495.25
41	392811.889	7187498.838
42	392803.922	7187499.956
43	392800.425	7187502.592
44	392798.439	7187503.251
45	392790.237	7187503.667
46	392781.748	7187501.592
47	392780.31	7187501.606
48	392779.197	7187502.189
49	392778.269	7187503.106
50	392777.377	7187505.186
51	392777.1	7187509.33
52	392773.079	7187513.822
53	392771.918	7187517.832
54	392772.359	7187521.02

55	392774.316	7187527.082
56	392775.216	7187532.919
57	392775.247	7187537.36
58	392774.122	7187544.219
59	392775.555	7187551.066
60	392775.863	7187558.788
61	392777.771	7187566.397
62	392781.339	7187574.889
63	392781.996	7187582.709
64	392784.161	7187588.386
65	392784.067	7187592.726
66	392782.819	7187594.058
0=PP	392778.625	7187597.228

Polígono 10				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Área de Preservação Permanente	Servidão Administrativa	2,981904	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	393310.493		7187513.186	
1	393314.611		7187555.486	
2	393300.948		7187555.725	
3	393292.786		7187556.701	
4	393282.202		7187555.896	
5	393256.477		7187549.582	
6	393234.121		7187545.524	
7	393196.541		7187551.014	
8	393187.813		7187551.123	
9	393175.087		7187550.228	
10	393158.888		7187554.537	
11	393150.597		7187553.691	
12	393137.575		7187569.522	
13	393073.948		7187601.643	
14	393077.388		7187610.377	
15	393065.901		7187647.297	
16	393034.614		7187657.569	
17	393015.508		7187671.507	
18	392997.334		7187680.477	

19	392977.753	7187680.713
20	392970.29	7187678.316
21	392953.986	7187683.798
22	392946.928	7187697.836
23	392936.031	7187713.975
24	392922.534	7187723.188
25	392907.716	7187729.933
26	392893.172	7187733.565
27	392881.503	7187734.052
28	392865.504	7187732.59
29	392849.006	7187728.022
30	392833.754	7187714.162
31	392823.141	7187694.831
32	392823.908	7187692.209
33	392826.405	7187685.237
34	392830.058	7187677.345
35	392835.567	7187668.006
36	392844.504	7187654.464
37	392854.006	7187641.99
38	392859.62	7187637.073
39	392867.894	7187631.28
40	392885.149	7187621.693
41	392901.62	7187612.105
42	392911.707	7187604.215
43	392922.211	7187591.378
44	392927.764	7187581.681
45	392929.165	7187577.74
46	392932.891	7187566.342
47	392933.208	7187566.108
48	392940.651	7187567.722
49	392942.056	7187568.226
50	392942.998	7187569.213
51	392942.873	7187571.702
52	392941.916	7187574.722
53	392941.886	7187581.583
54	392940.991	7187588.853
55	392941.793	7187598.284
56	392941.235	7187606.941
57	392939.814	7187611.926
58	392933.856	7187622.64
59	392932.571	7187623.582
60	392929.851	7187623.905

61	392923.618	7187622.767
62	392918.443	7187626.324
63	392914.312	7187632.464
64	392912.226	7187633.776
65	392908.95	7187633.357
66	392906.086	7187632.303
67	392903.941	7187635.912
68	392899.924	7187639.011
69	392895.393	7187645.449
70	392893.703	7187650.687
71	392894.228	7187656.18
72	392891.141	7187656.085
73	392883.389	7187666.415
74	392872.588	7187677.733
75	392867.207	7187684.54
76	392866.977	7187686.366
77	392867.591	7187687.484
78	392870.099	7187689.763
79	392873.17	7187690.613
80	392882.556	7187691.471
81	392887.075	7187691.282
82	392893.647	7187689.641
83	392901.596	7187686.023
84	392905.356	7187683.456
85	392908.958	7187678.122
86	392910.995	7187672.773
87	392915.568	7187665.542
88	392923.941	7187649.617
89	392925.441	7187648.113
90	392928.514	7187646.936
91	392930.064	7187645.661
92	392931.813	7187642.669
93	392933.119	7187638.301
94	392939.152	7187641.419
95	392943.453	7187642.19
96	392946.3	7187641.882
97	392949.702	7187639.839
98	392952.651	7187639.618
99	392954.773	7187638.743
100	392955.184	7187638.233
101	392954.333	7187637.836
102	392948.657	7187637.746

103	392943.459	7187635.927
104	392936.673	7187630.631
105	392935.855	7187629.554
106	392936.034	7187628.885
107	392938.186	7187628.721
108	392943.142	7187629.667
109	392949.733	7187627.719
110	392952.686	7187627.543
111	392957.368	7187628.708
112	392962.995	7187632.347
113	392969.204	7187630.531
114	392970.667	7187630.652
115	392972.16	7187631.141
116	392979.94	7187636.777
117	392984.161	7187638.133
118	392987.175	7187638.097
119	392991.233	7187636.094
120	392995.867	7187631.834
121	393005.437	7187626.332
122	393014.69	7187619.378
123	393031.829	7187613.751
124	393032.363	7187612.035
125	393030.132	7187606.372
126	393029.688	7187598.779
127	393028.693	7187597.402
128	393026.08	7187597.043
129	393018.443	7187602.143
130	393014.792	7187605.468
131	393012.973	7187604.561
132	393007.78	7187597.987
133	393005.357	7187595.961
134	393002.775	7187595.616
135	392997.556	7187597.294
136	392996.319	7187597.177
137	392995.342	7187596.19
138	392995.536	7187593.696
139	392997.464	7187591.431
140	392999.329	7187587.27
141	393002.12	7187584.35
142	393002.315	7187578.269
143	393008.025	7187576.012
144	393019.707	7187572.822

145	393031.558	7187568.713
146	393038.444	7187568.296
147	393047.497	7187565.233
148	393052.988	7187564.282
149	393055.22	7187563.377
150	393060.127	7187559.936
151	393067.61	7187557.698
152	393076.021	7187553.26
153	393080.524	7187551.423
154	393085.779	7187547.803
155	393090.008	7187545.872
156	393095.32	7187542.262
157	393100.861	7187540.125
158	393110.641	7187535.366
159	393115.599	7187529.337
160	393117.501	7187525.622
161	393119.109	7187521.061
162	393125.246	7187515.233
163	393134.707	7187511.654
164	393146.117	7187510.514
165	393155.47	7187511.468
166	393166.192	7187508.616
167	393171.697	7187507.721
168	393182.155	7187507.562
169	393190.237	7187508.59
170	393193.188	7187508.553
171	393230.937	7187503.038
172	393241.215	7187502.992
173	393252.523	7187506.16
174	393264.927	7187507.838
175	393273.394	7187510.136
176	393288.751	7187513.771
177	393291.866	7187514.008
178	393298.988	7187513.156
179	393304.965	7187513.309
180	393309.358	7187514.04
181	393310.456	7187513.308

Polígono 11				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104451	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)

Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Barramento	Desapropriação	0,916131	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390616.621		7187569.645	
1	390647.888		7187628.922	
2	390827.208		7187718.965	
3	390840.996		7187706.061	
4	390833.827		7187700.152	
5	390828.045		7187695.074	
6	390818.319		7187687.737	
7	390803.309		7187677.362	
8	390782.115		7187664.684	
9	390748.207		7187642.951	
10	390731.688		7187631.78	
11	390728.082		7187632.793	
12	390723.482		7187630.927	
13	390716.929		7187625.781	
14	390710.458		7187618.833	
15	390704.754		7187610.145	
16	390702.458		7187602.047	
17	390701.957		7187584.068	
18	390700.137		7187584.088	
19	390695.77		7187584.289	
20	390691.61		7187583.76	
21	390688.105		7187583.563	
22	390682.964		7187581.564	
23	390682.348		7187579.538	
24	390681.665		7187577.775	
25	390680.013		7187575.181	
26	390678.903		7187574.214	
27	390678.191		7187573.447	
28	390677.92		7187572.455	
29	390677.6		7187571.314	
30	390677.437		7187570.613	
31	390677.243		7187569.855	
32	390676.547		7187569.41	
33	390675.889		7187569.292	
34	390673.571		7187570.284	
35	390673.14		7187570.403	
36	390672.419		7187570.365	
37	390671.249		7187569.919	

38	390670.629	7187569.649
39	390669.428	7187568.681
40	390668.769	7187567.868
41	390667.762	7187567.404
42	390664.964	7187567.014
43	390663.415	7187567.052
44	390659.386	7187566.743
45	390655.357	7187566.162
46	390650.735	7187565.505
47	390648.277	7187565.326
48	390644.834	7187565.581
49	390640.302	7187566.007
50	390634.452	7187566.471
51	390625.657	7187567.754
52	390621.092	7187568.636
0=PP	390616.621	7187569.645

Polígono 12				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Barramento	Desapropriação	0,273031	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390620.52		7187514.241	
1	390638.123		7187473.309	
2	390653.521		7187468.274	
3	390692.192		7187456.855	
4	390695.295		7187455.846	
5	390695.453		7187466.29	
6	390696.922		7187474.4	
7	390698.348		7187479.264	
8	390700.785		7187483.259	
9	390697.015		7187483.656	
10	390698.052		7187486.556	
11	390694.038		7187486.626	
12	390692.822		7187487.146	
13	390693.089		7187503.336	
14	390690.58		7187503.433	
15	390689.08		7187503.174	
16	390680.496		7187500.436	

17	390665.753	7187507.084		
18	390655.513	7187509.223		
19	390645.804	7187510.375		
20	390639.226	7187511.519		
21	390634.166	7187512.13		
0=PP	390620.52	7187514.241		
Polígono 13				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Estruturas de adução	Desapropriação	0,095473	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390726.118		7187395.576	
1	390721.609		7187391.45	
2	390705.623		7187381.853	
3	390682.137		7187407.533	
4	390693.058		7187422.523	
5	390697.371		7187426.468	
6	390706.767		7187416.507	
7	390716.755		7187405.586	
0=PP	390726.118		7187395.576	

Polígono 14				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Casa de Força	Desapropriação	0,176137	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390417.242		7187164.096	
1	390440.167		7187139.029	
2	390401.24		7187103.429	
3	390380.036		7187126.615	
4	390388.874		7187134.698	
5	390387.154		7187136.578	
0=PP	390417.242		7187164.096	

Polígono 15				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso

PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Subestação	Desapropriação	0,018859	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390388.874		7187134.698	
1	390378.247		7187146.317	
2	390369.409		7187138.234	
3	390380.036		7187126.615	
0=PP	390388.874		7187134.698	

Polígono 16				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Estruturas de Adução	Desapropriação	0,522858	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390401.24		7187103.429	
1	390284.147		7186997.931	
2	390280.493		7187002.65	
3	390277.745		7187006.87	
4	390275.839		7187011.393	
5	390275.282		7187013.063	
6	390274.321		7187014.878	
7	390273.145		7187016.737	
8	390271.355		7187019.711	
9	390270.204		7187023.188	
10	390269.76		7187030.23	
11	390378.051		7187128.785	
0=PP	390401.24		7187103.429	

Polígono 17				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104451	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Acesso	Servidão Administrativa	2,965907	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	

0=PP	392510.723	7188216.247
1	392509.429	7188211.208
2	392507.788	7188201.073
3	392508.927	7188198.01
4	392512.606	7188192.24
5	392512.009	7188180.628
6	392494.92	7188092.007
7	392495.221	7188090.503
8	392497.597	7188081.886
9	392500.65	7188073.117
10	392516.298	7188031.466
11	392527.731	7188001.419
12	392537.186	7187973.361
13	392542.148	7187957.109
14	392544.902	7187944.627
15	392547.335	7187922.607
16	392549.667	7187896.051
17	392549.564	7187887.016
18	392547.953	7187877.64
19	392545.152	7187869.644
20	392540.096	7187859.126
21	392532.3	7187848.001
22	392524.968	7187841.704
23	392522.095	7187840.181
24	392517.834	7187839.543
25	392501.431	7187838.233
26	392489.953	7187837.768
27	392476.578	7187839.245
28	392444.52	7187859.49
29	392418.897	7187871.451
30	392394.059	7187875.932
31	392379.298	7187880.183
32	392364.109	7187892.327
33	392336.14	7187898.768
34	392323.807	7187899.07
35	392293.769	7187906.042
36	392283.574	7187909.668
37	392272.406	7187918.341
38	392257.228	7187925.933
39	392220.039	7187934.392
40	392193.894	7187941.291
41	392131.978	7187970.586

42	392103.162	7187991.508
43	392097.645	7187998.931
44	392075.545	7188010.971
45	392055.266	7188013.106
46	392038.228	7188009.88
47	391994.211	7188013.316
48	391984.796	7188020.473
49	391969.485	7188027.923
50	391960.291	7188030.192
51	391952.677	7188031.341
52	391934.12	7188031.334
53	391908.719	7188024.707
54	391869.038	7188038.815
55	391860.237	7188045.492
56	391838.082	7188053.733
57	391825.581	7188053.87
58	391795.136	7188050.319
59	391778.973	7188057.409
60	391749.089	7188059.169
61	391726.856	7188067.335
62	391681.642	7188071.862
63	391652.959	7188070.815
64	391629.304	7188067.655
65	391610.143	7188068.186
66	391594.839	7188064.722
67	391579.563	7188057.394
68	391560.191	7188036.69
69	391553.266	7188025.753
70	391549.308	7188013.739
71	391546.588	7188002.367
72	391534.109	7187990.475
73	391519.674	7187989.876
74	391508.012	7187984.982
75	391482.621	7187986.81
76	391455.317	7187975.964
77	391439.982	7187963.385
78	391426.176	7187945.973
79	391388.984	7187907.909
80	391376.721	7187881.093
81	391361.48	7187868.516
82	391351.591	7187858.75
83	391322.153	7187839.586

84	391310.259	7187824.91
85	391305.339	7187821.242
86	391286.755	7187819.032
87	391274.118	7187814.517
88	391260.218	7187806.383
89	391247.78	7187797.696
90	391233.216	7187778.959
91	391219.641	7187765.764
92	391203.132	7187758.111
93	391180.019	7187751.918
94	391170.718	7187746.46
95	391132.113	7187738.144
96	391117.109	7187743.788
97	391093.459	7187747.179
98	391077.096	7187745.557
99	391064.533	7187741.333
100	391034.642	7187726.343
101	390998.877	7187705.232
102	390956.585	7187671.516
103	390905.228	7187703.154
104	390884.448	7187730.173
105	390853.871	7187734.792
106	390827.208	7187718.965
107	390840.996	7187706.061
108	390852.4	7187703.29
109	390863.079	7187703.515
110	390874.808	7187700.564
111	390910.406	7187685.87
112	390957.127	7187657.087
113	390987.144	7187678.845
114	390995.681	7187687.895
115	391005.147	7187694.939
116	391021.333	7187702.846
117	391026.77	7187707.656
118	391039.197	7187715.085
119	391049.162	7187717.419
120	391059.964	7187725.606
121	391069.163	7187730.23
122	391079.632	7187733.749
123	391093.196	7187735.094
124	391114.109	7187732.095
125	391131.191	7187725.67

126	391175.129	7187735.135
127	391184.692	7187740.747
128	391207.239	7187746.788
129	391226.54	7187755.736
130	391242.178	7187770.936
131	391256.14	7187788.897
132	391266.695	7187796.269
133	391279.212	7187803.594
134	391289.406	7187807.237
135	391306.166	7187808.902
136	391310.914	7187810.43
137	391318.636	7187816.188
138	391330.285	7187830.561
139	391359.158	7187849.357
140	391369.531	7187859.602
141	391386.487	7187873.594
142	391399.028	7187901.017
143	391435.193	7187938.03
144	391448.587	7187954.922
145	391461.483	7187965.501
146	391484.499	7187974.644
147	391510.011	7187972.807
148	391522.328	7187977.976
149	391538.735	7187978.657
150	391553.682	7187991.367
151	391560.23	7188001.206
152	391561.137	7188011.292
153	391564.199	7188020.588
154	391569.636	7188029.175
155	391579.393	7188039.042
156	391586.956	7188047.631
157	391598.809	7188053.317
158	391611.32	7188056.149
159	391629.937	7188055.633
160	391653.975	7188058.844
161	391681.261	7188059.84
162	391724.147	7188055.546
163	391746.836	7188047.213
164	391764.111	7188046.858
165	391776.1	7188045.639
166	391784.678	7188042.238
167	391792.861	7188037.972

168	391826.213	7188041.863
169	391836.185	7188041.753
170	391844.949	7188039.012
171	391854.148	7188035.049
172	391863.266	7188028.131
173	391912.056	7188010.784
174	391917.751	7188014.361
175	391926.251	7188016.99
176	391935.604	7188019.335
177	391951.778	7188019.341
178	391957.953	7188018.409
179	391965.558	7188016.532
180	391971.308	7188013.95
181	391978.355	7188010.296
182	391985.591	7188004.795
183	391992.412	7187995.604
184	391998.996	7187984.344
185	392000.59	7187974.743
186	392007.375	7187975.256
187	392027.351	7187992.144
188	392041.755	7187998.335
189	392055.764	7188000.987
190	392071.907	7187999.288
191	392089.587	7187989.655
192	392094.626	7187982.877
193	392125.34	7187960.576
194	392139.028	7187943.768
195	392156.454	7187937.496
196	392165.721	7187935.174
197	392174.28	7187931.027
198	392182.17	7187930.749
199	392190.378	7187929.654
200	392192.665	7187929.349
201	392215.679	7187923.139
202	392220.393	7187920.711
203	392235.48	7187917.621
204	392240.096	7187915.839
205	392253.748	7187914.256
206	392265.981	7187908.138
207	392277.288	7187899.357
208	392287.116	7187894.793
209	392294.7	7187893.827

210	392310.341	7187889.537
211	392317.525	7187888.804
212	392320.783	7187887.141
213	392334.631	7187886.801
214	392358.473	7187881.311
215	392369.41	7187871.73
216	392375.218	7187868.8
217	392387.064	7187866.136
218	392393.196	7187862.446
219	392401.568	7187862.446
220	392415.211	7187859.928
221	392438.143	7187849.223
222	392450.979	7187838.953
223	392472.875	7187827.652
224	392474.713	7187827.378
225	392489.535	7187825.741
226	392502.152	7187826.252
227	392519.202	7187827.614
228	392525.901	7187828.617
229	392531.771	7187831.728
230	392541.262	7187839.88
231	392550.486	7187853.043
232	392556.256	7187865.046
233	392559.61	7187874.619
234	392561.552	7187885.925
235	392561.673	7187896.508
236	392559.277	7187923.791
237	392556.759	7187946.584
238	392553.764	7187960.158
239	392548.613	7187977.03
240	392539.029	7188005.47
241	392527.522	7188035.71
242	392511.935	7188077.201
243	392509.06	7188085.458
244	392506.903	7188093.28
245	392506.971	7188103.124
246	392506.511	7188109.332
247	392507.096	7188119.628
248	392509.824	7188133.256
249	392515.105	7188160.385
250	392518.969	7188183.488
251	392519.091	7188192.473

252	392519.575	7188198.039		
253	392519.334	7188202.995		
254	392519.444	7188205.973		
255	392520.968	7188213.349		
0=PP	392510.723	7188216.247		
Polígono 18				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Acesso	Servidão Administrativa	0,792801	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	392880.193		7188160.391	
1	392892.133		7188159.196	
2	392891.596		7188153.831	
3	392887.583		7188133.186	
4	392883.762		7188108.108	
5	392880.563		7188094.019	
6	392876.414		7188082.74	
7	392866.33		7188056.378	
8	392855.648		7188034.733	
9	392850.002		7188026.944	
10	392844.427		7188021.374	
11	392838.21		7188017.146	
12	392835.682		7188014.402	
13	392832.618		7188011.559	
14	392831.083		7188009.174	
15	392822.295		7187994.483	
16	392810.353		7187976.298	
17	392808.594		7187972.394	
18	392805.347		7187961.777	
19	392805.557		7187956.611	
20	392805.744		7187943.962	
21	392806.768		7187934.44	
22	392809.18		7187923.285	
23	392812.316		7187911.005	
24	392815.345		7187898.521	
25	392818.054		7187891.175	
26	392823.128		7187869.366	
27	392825.434		7187855.013	
28	392827.178		7187841.423	

29	392829.823	7187822.612
30	392830.744	7187808.977
31	392830.744	7187797.483
32	392830.844	7187787.619
33	392828.626	7187769.275
34	392825.714	7187747.551
35	392822.321	7187725.45
36	392821.812	7187722.375
37	392821.372	7187717.092
38	392820.934	7187711.928
39	392820.934	7187709.114
40	392821.703	7187701.593
41	392822.39	7187697.399
42	392823.141	7187694.831
43	392823.908	7187692.209
44	392826.405	7187685.237
45	392830.058	7187677.345
46	392835.567	7187668.006
47	392844.504	7187654.464
48	392854.006	7187641.99
49	392859.62	7187637.073
50	392867.894	7187631.28
51	392885.149	7187621.693
52	392901.62	7187612.105
53	392911.707	7187604.215
54	392922.211	7187591.378
55	392927.764	7187581.681
56	392929.165	7187577.74
57	392932.891	7187566.342
58	392926.283	7187571.217
59	392922.065	7187576.196
60	392921.077	7187578.236
61	392920.167	7187575.443
62	392919.997	7187567.164
63	392917.807	7187573.865
64	392916.817	7187576.65
65	392912.293	7187584.55
66	392903.264	7187595.584
67	392894.873	7187602.147
68	392879.216	7187611.262
69	392861.521	7187621.093
70	392852.204	7187627.617

71	392845.192	7187633.758
72	392834.712	7187647.515
73	392825.385	7187661.649
74	392819.419	7187671.762
75	392815.289	7187680.685
76	392812.491	7187688.498
77	392810.666	7187694.735
78	392809.802	7187700.012
79	392808.934	7187708.502
80	392808.934	7187712.436
81	392809.414	7187718.097
82	392809.894	7187723.854
83	392810.47	7187727.339
84	392813.836	7187749.259
85	392816.722	7187770.792
86	392818.837	7187788.281
87	392818.744	7187797.422
88	392818.744	7187808.572
89	392817.879	7187821.371
90	392815.285	7187839.824
91	392813.556	7187853.297
92	392811.346	7187867.052
93	392806.536	7187887.726
94	392803.847	7187895.018
95	392800.671	7187908.105
96	392797.498	7187920.532
97	392794.905	7187932.525
98	392793.753	7187943.23
99	392793.561	7187956.279
100	392793.274	7187963.331
101	392797.341	7187976.63
102	392799.802	7187982.092
103	392812.126	7188000.859
104	392820.886	7188015.503
105	392823.347	7188019.327
106	392827.175	7188022.878
107	392830.319	7188026.292
108	392836.745	7188030.662
109	392840.846	7188034.759
110	392845.336	7188040.954
111	392855.322	7188061.187
112	392865.178	7188086.955

113	392869.033	7188097.433		
114	392871.964	7188110.343		
115	392875.757	7188135.235		
116	392879.711	7188155.577		
0=PP	392880.193	7188160.391		
Polígono 19				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Acesso	Servidão Administrativa	3,734125	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	392954.207		7187523.652	
1	392957.741		7187516.592	
2	392961.316		7187505.94	
3	392963.283		7187499.322	
4	392964.318		7187490.767	
5	392964.61		7187481.083	
6	392963.176		7187462.032	
7	392960.967		7187443.404	
8	392956.95		7187421.357	
9	392956.735		7187420.179	
10	392951.878		7187405.795	
11	392947.217		7187391.196	
12	392940.142		7187383.846	
13	392924.042		7187372.975	
14	392885.354		7187355.97	
15	392874.361		7187351.783	
16	392791.241		7187319.266	
17	392783.888		7187312.616	
18	392781.227		7187283.32	
19	392773.412		7187246.247	
20	392764.059		7187226.666	
21	392723.869		7187210.375	
22	392634.682		7187206.416	
23	392612.697		7187205.224	
24	392599.493		7187199.842	
25	392596.155		7187190.806	
26	392594.381		7187180.327	
27	392594.74		7187168.681	
28	392594.95		7187156.689	

29	392593.523	7187142.826
30	392585.566	7187120.68
31	392578.252	7187105.222
32	392549.969	7187095.311
33	392530.46	7187092.469
34	392516.526	7187098.488
35	392510.566	7187117.34
36	392510.566	7187135.34
37	392513.841	7187155.211
38	392518.649	7187186.734
39	392517.664	7187207.706
40	392510.425	7187238.331
41	392497.378	7187271.149
42	392498.784	7187289.766
43	392470.511	7187325.197
44	392463.612	7187339.306
45	392457.353	7187353.617
46	392456.071	7187358.122
47	392443.923	7187374.547
48	392439.354	7187384.307
49	392438.11	7187391.029
50	392418.855	7187432.943
51	392416.47	7187466.394
52	392419.279	7187486.971
53	392421.113	7187495.438
54	392420.147	7187500.047
55	392409.05	7187513.349
56	392376.396	7187543.368
57	392340.138	7187569.2
58	392272.285	7187614.733
59	392251.462	7187629.589
60	392232.682	7187647.798
61	392217.128	7187660.486
62	392199.673	7187672.537
63	392186.44	7187679.302
64	392180.215	7187681.744
65	392163.365	7187685.57
66	392145.948	7187688.83
67	392121.418	7187699.074
68	392096.257	7187709.789
69	392065.471	7187726.065
70	392049.106	7187734.355

71	392037.678	7187739.527
72	392031.632	7187741.541
73	392023.043	7187743.085
74	392016.321	7187744.153
75	392005.432	7187742.999
76	391989.883	7187741.374
77	391980.244	7187741.202
78	391970.676	7187742.104
79	391963.148	7187743.984
80	391951.128	7187747.005
81	391942.928	7187751.92
82	391926.133	7187765.078
83	391909.923	7187783.038
84	391904.229	7187789.696
85	391900.323	7187793.057
86	391886.846	7187800.93
87	391873.88	7187805.921
88	391854.652	7187810.989
89	391840.673	7187812.575
90	391832.727	7187811.884
91	391828.924	7187810.716
92	391809.674	7187801.452
93	391781.858	7187783.977
94	391755.879	7187769.562
95	391742.811	7187765.046
96	391724.451	7187758.651
97	391709.509	7187753.135
98	391692.591	7187744.93
99	391684.504	7187740.269
100	391676.332	7187734.775
101	391658.449	7187721.123
102	391642.721	7187715.881
103	391638.221	7187715.416
104	391627.51	7187714.443
105	391622.869	7187713.918
106	391616.288	7187712.118
107	391604.804	7187708.177
108	391594.621	7187704.469
109	391585.1	7187700.951
110	391575.217	7187695.871
111	391569.757	7187692.326
112	391562.244	7187686.365

113	391552.675	7187677.629
114	391539.831	7187665.266
115	391531.688	7187660.15
116	391516.587	7187652.375
117	391506.91	7187646.386
118	391491.549	7187637.67
119	391470.519	7187629.405
120	391451.301	7187624.05
121	391422.628	7187618.369
122	391412.094	7187616.165
123	391405.009	7187613.795
124	391399.466	7187603.678
125	391387.646	7187558.789
126	391371.531	7187527.816
127	391336.56	7187507.132
128	391233.917	7187474.678
129	391074.129	7187426.816
130	391003.383	7187418.918
131	390936.645	7187410.874
132	390879.385	7187402.396
133	390841.006	7187386.396
134	390785.463	7187351.093
135	390768.058	7187350.158
136	390738.514	7187364.755
137	390716.445	7187388.35
138	390721.609	7187391.45
139	390726.118	7187395.576
140	390745.787	7187374.546
141	390767.32	7187363.908
142	390784.725	7187364.842
143	390835.438	7187397.076
144	390876.148	7187414.047
145	390935.048	7187422.768
146	391001.999	7187430.838
147	391071.722	7187438.621
148	391230.387	7187486.147
149	391331.633	7187518.159
150	391362.469	7187536.398
151	391376.383	7187563.139
152	391388.236	7187608.155
153	391396.744	7187623.684
154	391408.951	7187627.767

155	391420.233	7187630.128
156	391448.52	7187635.732
157	391466.704	7187640.799
158	391486.367	7187648.527
159	391500.789	7187656.71
160	391510.674	7187662.828
161	391525.739	7187670.584
162	391532.4	7187674.769
163	391544.467	7187686.384
164	391554.46	7187695.507
165	391562.745	7187702.081
166	391569.192	7187706.266
167	391580.259	7187711.955
168	391590.488	7187715.735
169	391600.803	7187719.491
170	391612.754	7187723.592
171	391620.598	7187725.738
172	391626.293	7187726.382
173	391637.061	7187727.36
174	391640.177	7187727.682
175	391652.757	7187731.875
176	391669.337	7187744.532
177	391678.153	7187750.459
178	391686.969	7187755.54
179	391704.801	7187764.189
180	391720.399	7187769.947
181	391738.878	7187776.383
182	391750.971	7187780.562
183	391775.751	7187794.312
184	391803.862	7187811.972
185	391824.535	7187821.921
186	391830.42	7187823.729
187	391840.832	7187824.634
188	391856.869	7187822.814
189	391877.576	7187817.357
190	391892.062	7187811.78
191	391907.32	7187802.867
192	391912.752	7187798.194
193	391918.939	7187790.959
194	391934.348	7187773.886
195	391949.739	7187761.828
196	391955.775	7187758.21

197	391966.064	7187755.624
198	391972.704	7187753.966
199	391980.701	7187753.212
200	391989.151	7187753.363
201	392004.176	7187754.933
202	392016.636	7187756.254
203	392025.047	7187754.917
204	392034.605	7187753.199
205	392042.06	7187750.716
206	392054.294	7187745.179
207	392070.987	7187736.723
208	392101.421	7187720.633
209	392126.081	7187710.131
210	392149.402	7187700.392
211	392165.798	7187697.323
212	392183.755	7187693.246
213	392191.374	7187690.257
214	392205.84	7187682.862
215	392224.341	7187670.088
216	392240.666	7187656.771
217	392259.167	7187638.833
218	392279.114	7187624.602
219	392346.964	7187579.071
220	392383.967	7187552.708
221	392417.756	7187521.646
222	392430	7187506.969
223	392434.823	7187498.729
224	392434.573	7187498.323
225	392432.574	7187491.882
226	392432.288	7187490.961
227	392431.122	7187485.005
228	392428.528	7187466.005
229	392430.669	7187435.971
230	392449.638	7187394.681
231	392450.874	7187388.002
232	392454.283	7187380.719
233	392464.842	7187366.442
234	392470.48	7187361.793
235	392469.673	7187355.395
236	392474.504	7187344.348
237	392480.713	7187331.652
238	392511.105	7187293.565

239	392509.552	7187273.008
240	392521.901	7187241.947
241	392529.598	7187209.382
242	392530.692	7187186.105
243	392525.693	7187153.331
244	392522.566	7187134.358
245	392522.566	7187119.192
246	392526.316	7187107.331
247	392532.096	7187104.834
248	392547.094	7187107.019
249	392569.55	7187114.888
250	392574.47	7187125.286
251	392581.736	7187145.508
252	392582.939	7187157.2
253	392582.743	7187168.391
254	392582.35	7187181.152
255	392584.51	7187193.913
256	392589.224	7187206.674
257	392590.182	7187209.006
258	392610.035	7187217.097
259	392634.091	7187218.401
260	392721.274	7187222.271
261	392755.237	7187236.038
262	392761.965	7187250.125
263	392769.34	7187285.107
264	392772.362	7187318.371
265	392784.822	7187329.64
266	392870.039	7187362.978
267	392880.801	7187367.077
268	392918.223	7187383.525
269	392932.376	7187393.081
270	392936.635	7187397.506
271	392940.477	7187409.54
272	392945.086	7187423.19
273	392945.144	7187423.508
274	392949.094	7187445.188
275	392951.229	7187463.189
276	392952.596	7187481.354
277	392952.34	7187489.864
278	392951.492	7187496.874
279	392949.873	7187502.32
280	392946.633	7187511.975

281	392945.079	7187515.079
282	392944.821	7187518.274
283	392945.531	7187519.344
284	392951.397	7187519.875
285	392953.861	7187520.59
286	392954.327	7187521.178
0=PP	392954.207	7187523.652

Polígono 20				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Acesso	Servidão Administrativa	1,663949	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390697.371		7187426.468	
1	390694.879		7187429.11	
2	390695.295		7187455.846	
3	390692.192		7187456.855	
4	390653.521		7187468.274	
5	390615.199		7187480.805	
6	390560.724		7187496.372	
7	390534.866		7187500.11	
8	390525.107		7187500.861	
9	390518.409		7187503.015	
10	390507.889		7187507.023	
11	390487.819		7187517.949	
12	390467.817		7187531.029	
13	390445.151		7187546.888	
14	390421.08		7187562.421	
15	390408.369		7187571.319	
16	390393.291		7187584.39	
17	390379.919		7187601.549	
18	390354.22		7187641.164	
19	390332.354		7187673.188	
20	390299.72		7187713.126	
21	390273.004		7187742.204	
22	390251.878		7187758.387	
23	390245.93		7187759.483	

24	390239.581	7187760.173
25	390231.44	7187759.737
26	390225.728	7187757.452
27	390222.581	7187754.724
28	390220.62	7187749.93
29	390221.571	7187744.936
30	390223.921	7187742.439
31	390224.32	7187741.49
32	390224.254	7187739.711
33	390222.979	7187736.904
34	390219.819	7187733.853
35	390200.591	7187719.685
36	390180.804	7187697.82
37	390173.677	7187685.352
38	390172.522	7187669.492
39	390174.562	7187656.639
40	390174.034	7187637.076
41	390170.348	7187620.892
42	390172.681	7187598.633
43	390177.636	7187559.541
44	390181.434	7187548.749
45	390184.601	7187515.672
46	390188.734	7187511.039
47	390193.257	7187504.846
48	390197.524	7187501.714
49	390199.543	7187499.243
50	390204.592	7187493.882
51	390207.909	7187490.672
52	390212.274	7187486.665
53	390219.163	7187479.708
54	390223.626	7187476.794
55	390230.078	7187468.923
56	390237.074	7187452.972
57	390244.32	7187444
58	390246.376	7187438.455
59	390247.832	7187436.088
60	390248.731	7187432.201
61	390251.934	7187423.107
62	390253.395	7187420.393
63	390255.456	7187414.53
64	390259.337	7187406.887
65	390261.174	7187395.023

66	390264.012	7187385.864
67	390267.352	7187372.581
68	390270.752	7187362.263
69	390271.311	7187354.603
70	390272.991	7187349.762
71	390275.829	7187345.129
72	390279.461	7187333.488
73	390284.092	7187328.349
74	390284.85	7187322.864
75	390286.682	7187317.684
76	390287.302	7187310.987
77	390287.218	7187306.499
78	390322.98	7187303.567
79	390302.459	7187332.576
80	390292.612	7187355.146
81	390283.954	7187379.399
82	390281.465	7187396.364
83	390277.437	7187413.477
84	390271.194	7187431.2
85	390259.063	7187458.854
86	390244.918	7187485.115
87	390231.982	7187498.862
88	390203.514	7187540.852
89	390192.046	7187554.743
90	390189.38	7187562.318
91	390184.602	7187600.013
92	390182.49	7187620.165
93	390185.998	7187635.567
94	390186.588	7187657.425
95	390184.591	7187670.003
96	390185.448	7187681.763
97	390190.575	7187690.734
98	390208.68	7187710.739
99	390227.58	7187724.666
100	390232.959	7187729.859
101	390264.876	7187733.314
102	390290.648	7187705.264
103	390322.735	7187665.995
104	390344.23	7187634.514
105	390370.135	7187594.582
106	390384.546	7187576.09
107	390400.978	7187561.845

108	390414.384	7187552.461
109	390438.456	7187536.927
110	390461.092	7187521.089
111	390481.656	7187507.641
112	390502.861	7187496.097
113	390514.433	7187491.688
114	390522.778	7187489.005
115	390533.546	7187488.176
116	390558.206	7187484.611
117	390611.684	7187469.329
118	390653.419	7187455.682
119	390682.817	7187424.426
120	390689.369	7187417.46
121	390693.058	7187422.523
0=PP	390697.371	7187426.468

Polígono 21				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Acesso	Desapropriação	1,456327	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390407.427		7187155.119	
1	390351.524		7187216.246	
2	390322.98		7187303.567	
3	390287.218		7187306.499	
4	390285.181		7187298.528	
5	390283.389		7187295.389	
6	390277.692		7187288.006	
7	390274.146		7187281.699	
8	390272.165		7187273.88	
9	390269.141		7187266.332	
10	390265.816		7187246.46	
11	390262.661		7187231.031	
12	390263.12		7187224.04	
13	390261.813		7187218.407	
14	390262.892		7187214.128	
15	390264.373		7187211.758	
16	390268.003		7187207.942	

17	390269.912	7187202.915
18	390270.63	7187199.119
19	390270.647	7187190.085
20	390272.554	7187182.075
21	390272.219	7187178.784
22	390270.985	7187173.353
23	390270.2	7187170.413
24	390269.514	7187168.159
25	390267.08	7187162.529
26	390266.237	7187146.069
27	390265.988	7187132.282
28	390266.385	7187126.085
29	390264.013	7187122.25
30	390262.554	7187119.544
31	390260.884	7187116.091
32	390259.426	7187109.952
33	390259.113	7187105.165
34	390260.362	7187099.942
35	390262.654	7187095.675
36	390264.112	7187091.929
37	390265.154	7187089.015
38	390265.675	7187086.622
39	390265.675	7187084.229
40	390266.508	7187078.922
41	390268.071	7187075.384
42	390268.675	7187073.487
43	390268.354	7187040.68
44	390268.743	7187035.95
45	390269.654	7187031.915
46	390269.76	7187030.23
47	390295.082	7187053.275
48	390295.325	7187090.634
49	390298.076	7187123.652
50	390300.55	7187197.29
51	390305.299	7187258.514
52	390309.051	7187258.938
53	390318.629	7187228.234
54	390345.751	7187150.206
55	390371.115	7187122.473
56	390378.051	7187128.785
57	390369.409	7187138.234
58	390378.247	7187146.317

59	390387.154	7187136.578
0=PP	390407.427	7187155.119

Polígono 22				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Bota-fora/empréstimo	Desapropriação	1,456327	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390284.147		7186997.931	
1	390320.148		7187030.366	
2	390334.266		7187014.696	
3	390331.999		7187013.1	
4	390330.823		7187011.084	
5	390330.487		7187009.153	
6	390330.823		7187007.137	
7	390332.503		7187003.861	
8	390334.266		7187001.593	
9	390337.122		7186998.317	
10	390340.649		7186994.537	
11	390342.497		7186992.689	
12	390345.605		7186987.192	
13	390347.789		7186984.001	
14	390351.148		7186980.053	
15	390352.996		7186976.777	
16	390354.171		7186974.509	
17	390354.255		7186971.905	
18	390353.667		7186969.302	
19	390350.812		7186965.438	
20	390348.021		7186960.861	
21	390344.746		7186956.409	
22	390340.043		7186952.294	
23	390338.447		7186949.942	
24	390334.584		7186945.406	
25	390331.813		7186942.13	
26	390329.881		7186939.526	
27	390328.202		7186938.35	
28	390326.27		7186937.846	
29	390324.078		7186939.052	
30	390321.073		7186942.605	

31	390317.982	7186945.778
32	390315.824	7186948.06
33	390311.549	7186956.53
34	390309.346	7186962.091
35	390307.955	7186965.408
36	390303.754	7186969.606
37	390298.006	7186975.584
38	390291.25	7186986.76
39	390286.689	7186994.736
0=PP	390284.147	7186997.931

Polígono 23				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Bota-fora/empréstimo	Desapropriação	0,700413	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390371.115		7187122.473	
1	390345.751		7187150.206	
2	390318.629		7187228.234	
3	390309.051		7187258.938	
4	390305.299		7187258.514	
5	390300.55		7187197.29	
6	390298.076		7187123.652	
7	390295.325		7187090.634	
8	390295.082		7187053.275	
0=PP	390371.115		7187122.473	

Polígono 24				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Bota-fora/empréstimo	Desapropriação	2,534187	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390410.328		7187555.3	
1	390405.857		7187555.391	
2	390386.207		7187530.554	
3	390382.13		7187510.189	

4	390395.198	7187492.979
5	390389.304	7187465.315
6	390429.124	7187426.686
7	390493.847	7187390.339
8	390532.664	7187368.517
9	390599.076	7187335.355
10	390672.338	7187391.138
11	390563.142	7187440.761
12	390530.189	7187488.435
13	390522.778	7187489.005
14	390514.433	7187491.688
15	390502.861	7187496.097
16	390481.656	7187507.641
17	390461.092	7187521.089
18	390438.456	7187536.927
19	390414.384	7187552.461
0=PP	390410.328	7187555.3

Polígono 25				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Bota-fora/empréstimo	Desapropriação	1,519236	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	391001.999		7187430.838	
1	391071.722		7187438.621	
2	391230.387		7187486.147	
3	391213.843		7187532.848	
4	391195.117		7187533.906	
5	391175.996		7187543.547	
6	391160.649		7187536.686	
7	391146.339		7187533.47	
8	391130.46		7187533.934	
9	391113.131		7187537.67	
10	391099.729		7187534.441	
11	391091.624		7187521.531	
12	391078.504		7187507.907	
13	391058.719		7187497.125	
14	391038.639		7187495.805	
15	391028.877		7187491.133	

16	391016.266	7187487.605
17	391007.953	7187487.605
18	390987.95	7187477.989
0=PP	391001.999	7187430.838

Polígono 26				
UF	Código Município	Empreendimento	Sistema de Referência	Fuso
PR	4104428	PCH Cavernoso IV	SIRGAS2000	UTM 22 S (MER -51)
Destinação	Tipo de DUP	Área (hectares)	Responsável Técnico	Nº ART/RRT correspondente
Canteiro de obras	Servidão Administrativa	0,62036	Luiz Diniz de Oliveira Neto	1720201861341
Vértice	Coordenada E (m)		Coordenada N (m)	
0=PP	390835.438		7187397.076	
1	390841.432		7187431.856	
2	390844.152		7187443.224	
3	390868.137		7187442.947	
4	390897.23		7187455.518	
5	390925.904		7187459.547	
6	390952.767		7187467.444	
7	390969.489		7187471.088	
8	390987.95		7187477.989	
9	391001.999		7187430.838	
10	390935.048		7187422.768	
11	390876.148		7187414.047	
0=PP	390835.438		7187397.076	