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APR 1 8 2016

DENR Administrative Order
No. 2016- 03

Subject: Designation of the Bued River System Water Quality Management Area and Creation of its Governing Board

Pursuant to Section 5 of RA 9275 otherwise known as the Philippine Clean Water Act of 2004, DENR Administrative Order (DAO) No. 2005-10 or the Implementing Rules and Regulations of RA 9275, and DENR Memorandum Circular 2009-15 or Procedural Manual for the Designation of Water Quality Management Areas, and considering its critical importance to Baguio City and the towns of Tuba and Itogon in Benguet and its communities, the **Bued River System is hereby designated as a Water Quality Management Area (WQMA).**

SECTION 1. Policy and Objectives. It is the policy of the State to pursue economic growth in a manner consistent with the protection, preservation, and revival of the quality of our fresh, brackish and marine waters. Pursuant to this policy statement, the Bued River System shall be managed, consistent with the following water quality management objectives:

- a) To manage sustainability through stakeholders' engagement in the Bued River and improve its water quality and thereby contribute to the enhancement of Baguio City and its neighbors Tuba and Itogon, in Benguet Province as major tourism destination of the Philippines and for long term support to domestic, agriculture, industries, and fisheries sectors dependent on the river;
- b) To formulate a WQMA program, which recognizes issues that are inherently related or cannot be detached from the concerns on water resources, ecological protection, water supply, public health, and quality of life;
- c) To encourage, support, and mobilize civil society organizations and other sectors such as the academe and businesses engaged in environment-related activities, in efforts to organize and educate people in addressing pertinent environmental issues and problems in the WQMA;
- d) To promote inter-LGU and stakeholder collaboration and cooperation through coordinated efforts in protecting and sustaining acceptable quality of water in the Bued River System; and
- e) To support the current environmental protection initiative and efforts of LGUs and other civil society organizations in the WQMA area.

SECTION 2. Coverage. The Bued River System WQMA shall cover its natural or man-made tributaries that are within the WQMA boundary including the land embraced by the hydrologic unit identified through various maps.

The WQMA is bounded by the following geographic coordinates which are consistent with the map in Annex A:

Boundary Control Point	LGU with Jurisdiction	Latitude	Longitude
1	Brgy. South Drive, Baguio City	16 24 28.61 N	120 36 48.78 E
2	Camp John Hay, Baguio City	16 24 16.76 N	120 36 52.02 E
3		16 24 10.94 N	120 36 56.38 E
4		16 24 08.85 N	120 36 58.87 E
5		16 24 06.75 N	120 37 01.35 E
6		16 24 04.52 N	120 37 02.41 E
7		16 24 00.40 N	120 37 02.72 E
8		16 23 56.65 N	120 37 01.47 E
9		16 23 54.76 N	120 37 00.46 E
10		16 23 52.38 N	120 36 59.58 E
11		16 23 50.01 N	120 36 59.61 E
12		16 23 48.52 N	120 37 00.67 E
13		16 23 47.94 N	120 37 04.42 E
14		16 23 46.88 N	120 37 05.43 E
15		16 23 45.60 N	120 37 06.65 E
16		16 23 42.99 N	120 37 08.23 E
17		16 23 39.64 N	120 37 09.57 E
18		16 23 36.66 N	120 37 10.77 E
19		16 23 32.54 N	120 37 10.82 E
20		16 23 29.04 N	120 37 10.60 E
21		16 23 18.39 N	120 37 10.22 E
22		16 23 15.69 N	120 37 12.28 E
23		16 23 12.42 N	120 37 14.10 E
24		Brgy. Loakan-Apugan, Baguio City	16 23 05.16 N
25	16 23 02.06 N		120 37 14.22 E
26	16 22 59.90 N		120 37 18.15 E
27	16 22 55.58 N		120 37 20.06 E
28	16 22 51.60 N		120 37 21.66 E
29	16 22 50.00 N		120 37 23.23 E
30	16 22 48.53 N		120 37 25.96 E
31	16 22 47.05 N		120 37 27.14 E
32	Brgy. Atok Trail, Baguio City	16 22 45.56 N	120 37 28.19 E
33		16 22 43.45 N	120 37 28.86 E
34		16 22 40.89 N	120 37 29.09 E
35		16 22 39.41 N	120 37 30.92 E
36		16 22 39.19 N	120 37 33.12 E
37		16 22 38.79 N	120 37 35.18 E
38		16 22 38.48 N	120 37 36.75 E
39		16 22 36.26 N	120 37 38.97 E
40	Brgy. Kias, Baguio City	16 22 33.77 N	120 37 40.04 E
41		16 22 31.68 N	120 37 42.00 E
42		16 22 28.69 N	120 37 42.94 E

43		16 22 26.07 N	120 37 42.97 E
44		16 22 23.95 N	120 37 43.52 E
45		16 22 21.79 N	120 37 45.55 E
46		16 22 19.93 N	120 37 46.73 E
47		16 22 18.07 N	120 37 47.01 E
48		16 22 15.19 N	120 37 46.92 E
49		16 22 12.83 N	120 37 47.46 E
50		16 22 11.21 N	120 37 48.13 E
51		16 22 09.86 N	120 37 49.70 E
52		16 22 09.00 N	120 37 50.74 E
53		16 21 59.06 N	120 37 55.26 E
54		16 21 56.31 N	120 37 55.03 E
55		16 21 44.88 N	120 37 57.10 E
56	Brgy. Virac, Itogon	16 21 36.38 N	120 37 54.33 E
57		16 21 31.50 N	120 37 55.18 E
58		16 21 28.96 N	120 37 56.95 E
59		16 21 22.97 N	120 38 00.35 E
60		16 21 18.28 N	120 37 58.72 E
61		16 21 16.59 N	120 37 58.73 E
62		16 21 01.66 N	120 37 58.86 E
63		16 20 57.01 N	120 38 01.57 E
64		16 20 53.65 N	120 38 01.38 E
65		16 20 47.98 N	120 37 59.81 E
66		16 20 44.07 N	120 37 59.30 E
67		16 20 38.43 N	120 38 00.49 E
68	Brgy. Ampucao, Itogon	16 20 35.11 N	120 37 59.57 E
69		16 20 32.52 N	120 38 00.22 E
70		16 20 30.05 N	120 38 02.36 E
71		16 20 29.85 N	120 38 04.48 E
72		16 20 28.51 N	120 38 06.13 E
73		16 20 26.89 N	120 38 07.72 E
74		16 20 25.30 N	120 38 07.17 E
75		16 20 23.90 N	120 38 07.87 E
76		16 20 18.89 N	120 38 11.81 E
77		16 20 12.52 N	120 38 15.32 E
78		16 20 07.61 N	120 38 17.96 E
79		16 20 05.16 N	120 38 17.77 E
80		16 20 02.14 N	120 38 18.89 E
81		16 19 58.99 N	120 38 20.80 E
82		16 19 57.67 N	120 38 24.11 E
83		16 19 58.83 N	120 38 26.91 E
84		16 20 01.36 N	120 38 29.69 E
85		16 20 02.74 N	120 38 32.02 E
86		16 20 03.91 N	120 38 35.53 E
87		16 20 03.72 N	120 38 38.11 E
88		16 20 03.75 N	120 38 40.93 E
89		16 20 01.50 N	120 38 42.83 E
90		16 19 59.59 N	120 38 43.91 E
91		16 19 58.03 N	120 38 46.04 E
92		16 19 56.70 N	120 38 49.11 E
93		16 19 54.23 N	120 38 50.78 E
94		16 19 51.97 N	120 38 51.28 E

95		16 19 49.02 N	120 38 51.31 E
96		16 19 45.84 N	120 38 50.65 E
97		16 19 43.34 N	120 38 50.21 E
98		16 19 40.86 N	120 38 50.94 E
99		16 19 38.37 N	120 38 51.21 E
100		16 19 35.72 N	120 38 52.21 E
101		16 19 31.23 N	120 38 53.56 E
102		16 19 26.84 N	120 38 53.69 E
103		16 19 22.19 N	120 38 52.93 E
104		16 19 19.92 N	120 38 53.19 E
105		16 19 15.87 N	120 38 55.58 E
106		16 19 12.26 N	120 38 56.80 E
107		16 19 09.32 N	120 38 57.30 E
108		16 19 07.05 N	120 38 57.33 E
109		16 19 04.78 N	120 38 56.89 E
110		16 19 01.16 N	120 38 56.70 E
111		16 18 56.38 N	120 38 55.35 E
112		16 18 53.23 N	120 38 53.77 E
113		16 18 50.45 N	120 38 51.90 E
114		16 18 46.83 N	120 38 51.94 E
115		16 18 43.22 N	120 38 53.63 E
116		16 18 38.01 N	120 38 53.92 E
117		16 18 32.34 N	120 38 53.29 E
118		16 18 25.61 N	120 38 49.50 E
119		16 18 21.53 N	120 38 49.54 E
120		16 18 17.19 N	120 38 46.31 E
121		16 18 14.90 N	120 38 43.76 E
122		16 18 12.59 N	120 38 39.80 E
123		16 18 09.38 N	120 38 36.55 E
124		16 18 07.31 N	120 38 33.52 E
125		16 18 02.22 N	120 38 28.52 E
126		16 17 59.91 N	120 38 25.50 E
127		16 17 54.78 N	120 38 20.07 E
128		16 17 49.91 N	120 38 17.78 E
129		16 17 45.35 N	120 38 15.02 E
130		16 17 40.80 N	120 38 14.13 E
131	Brgy. Camp 4, Tuba	16 17 36.93 N	120 38 11.83 E
132		16 17 34.93 N	120 38 05.40 E
133		16 17 31.51 N	120 38 03.57 E
134		16 17 29.44 N	120 38 00.78 E
135		16 17 27.81 N	120 37 57.04 E
136		16 17 25.96 N	120 37 53.31 E
137		16 17 25.04 N	120 37 52.38 E
138		16 17 20.75 N	120 37 53.84 E
139		16 17 18.04 N	120 37 54.58 E
140		16 17 15.56 N	120 37 56.02 E
141	Brgy. Camp 3, Tuba	16 17 14.20 N	120 37 56.03 E
142		16 17 12.60 N	120 37 54.41 E
143		16 17 11.22 N	120 37 52.55 E
144		16 17 08.93 N	120 37 50.94 E
145		16 17 05.74 N	120 37 49.10 E
146		16 17 00.96 N	120 37 47.51 E

147		16 16 58.68 N	120 37 45.90 E
148		16 16 56.64 N	120 37 45.45 E
149		16 16 53.47 N	120 37 45.96 E
150		16 16 51.65 N	120 37 45.51 E
151		16 16 45.94 N	120 37 41.36 E
152		16 16 43.41 N	120 37 38.10 E
153		16 16 40.44 N	120 37 35.56 E
154		16 16 34.81 N	120 37 29.18 E
155		16 16 32.98 N	120 37 27.56 E
156		16 16 30.92 N	120 37 25.94 E
157		16 16 27.96 N	120 37 24.57 E
158		16 16 24.56 N	120 37 23.90 E
159		16 16 22.29 N	120 37 23.46 E
160		16 16 19.79 N	120 37 22.79 E
161		16 16 15.93 N	120 37 22.13 E
162		16 16 12.05 N	120 37 20.07 E
163		16 16 09.10 N	120 37 19.16 E
164		16 16 05.67 N	120 37 16.86 E
165		16 15 58.80 N	120 37 10.61 E
166		16 15 53.54 N	120 37 05.98 E
167		16 15 49.77 N	120 37 03.09 E
168		16 15 46.77 N	120 36 58.67 E
169		16 15 40.17 N	120 36 55.94 E
170		16 15 36.95 N	120 36 51.52 E
171		16 15 34.18 N	120 36 47.33 E
172		16 15 32.99 N	120 36 42.18 E
173		16 15 30.01 N	120 36 38.70 E
174		16 15 26.99 N	120 36 32.87 E
175		16 15 24.93 N	120 36 30.55 E
176		16 15 22.70 N	120 36 34.33 E
177		16 15 20.92 N	120 36 37.17 E
178		16 15 17.56 N	120 36 40.49 E
179		16 15 13.71 N	120 36 40.77 E
180		16 15 10.53 N	120 36 40.11 E
181		16 15 04.09 N	120 36 31.51 E
182		16 15 00.64 N	120 36 26.62 E
183		16 14 56.73 N	120 36 21.74 E
184		16 14 52.16 N	120 36 18.52 E
185		16 14 49.38 N	120 36 12.92 E
186		16 14 45.68 N	120 36 06.40 E
187		16 14 37.27 N	120 36 02.30 E
188		16 14 37.46 N	120 35 53.52 E
189		16 14 36.36 N	120 35 50.71 E
190	Brgy. Camp 1, Tuba	16 14 35.83 N	120 35 46.98 E
191		16 14 34.91 N	120 35 43.56 E
192		16 14 34.49 N	120 35 40.24 E
193		16 14 34.45 N	120 35 36.91 E
194		16 14 32.95 N	120 35 33.80 E
195		16 14 33.13 N	120 35 31.98 E
196		16 14 34.76 N	120 35 30.14 E
197		16 14 36.31 N	120 35 29.01 E
198		16 14 38.24 N	120 35 27.17 E

199		16 14 38.89 N	120 35 24.64 E
200		16 14 39.35 N	120 35 21.91 E
201		16 14 40.68 N	120 35 19.37 E
202		16 14 41.92 N	120 35 16.53 E
203		16 14 42.78 N	120 35 14.91 E
204		16 14 47.36 N	120 35 06.78 E
205		16 14 43.99 N	120 34 54.88 E
206		16 14 45.23 N	120 34 49.46 E
207		16 14 47.23 N	120 34 46.58 E
208		16 14 47.91 N	120 34 42.52 E
209		16 14 46.29 N	120 34 40.44 E
210		16 14 42.78 N	120 34 37.63 E
211		16 14 39.84 N	120 34 34.51 E
212		16 14 38.07 N	120 34 31.98 E
213		16 14 34.87 N	120 34 31.12 E
214		16 14 31.94 N	120 34 28.31 E
215		16 14 29.71 N	120 34 23.98 E
216		16 14 27.93 N	120 34 20.55 E
217		16 14 25.28 N	120 34 16.98 E
218		16 14 22.64 N	120 34 14.46 E
219		16 14 18.36 N	120 34 07.76 E
220		16 14 13.26 N	120 34 05.57 E
221		16 14 10.57 N	120 34 05.23 E
222		16 14 08.52 N	120 34 03.60 E
223		16 14 04.62 N	120 34 04.25 E
224		16 14 00.85 N	120 34 04.14 E
225		16 13 59.95 N	120 34 02.05 E
226		16 13 59.88 N	120 33 56.05 E
227		16 14 00.99 N	120 33 51.83 E
228		16 14 02.42 N	120 33 49.42 E
229		16 13 58.61 N	120 33 46.61 E
230		16 13 56.41 N	120 33 44.09 E
231		16 13 55.27 N	120 33 39.52 E
232		16 13 56.49 N	120 33 31.85 E
233		16 13 57.30 N	120 33 27.34 E
234		16 13 57.55 N	120 33 23.73 E
235		16 13 50.15 N	120 33 22.64 E
236		16 13 49.14 N	120 33 19.37 E
237		16 13 40.80 N	120 33 14.18 E
238		16 13 27.94 N	120 33 09.20 E
239		16 13 23.75 N	120 33 04.40 E
240		16 13 20.58 N	120 33 05.15 E
241		16 13 15.52 N	120 33 06.64 E
242		16 13 09.30 N	120 33 05.72 E
243		16 13 03.89 N	120 33 03.64 E
244		16 12 55.93 N	120 32 55.17 E
245		16 12 41.53 N	120 32 44.69 E
246		16 12 36.88 N	120 32 38.48 E
247		16 12 33.07 N	120 32 37.80 E
248	Brgy. Ansagan, Tuba	16 12 25.63 N	120 32 18.21 E
249		16 12 26.56 N	120 32 11.70 E
250		16 12 25.04 N	120 32 08.02 E

251		16 12 27.62 N	120 32 03.09 E
252	Brgy. Camp 1, Tuba	16 12 27.23 N	120 31 57.73 E
253		16 13 59.73 N	120 30 30.68 E
254		16 14 05.44 N	120 30 35.66 E
255		16 14 11.30 N	120 30 46.93 E
256		16 14 13.81 N	120 30 47.93 E
257		16 14 18.51 N	120 30 56.58 E
258		16 14 22.31 N	120 31 01.75 E
259		16 14 26.40 N	120 31 04.39 E
260		16 14 29.84 N	120 31 05.86 E
261		16 14 31.81 N	120 31 07.86 E
262		16 14 32.97 N	120 31 09.36 E
263		16 14 34.16 N	120 31 14.06 E
264		16 14 36.75 N	120 31 19.67 E
265		16 14 38.72 N	120 31 21.66 E
266		16 14 41.51 N	120 31 23.14 E
267		16 14 45.11 N	120 31 25.62 E
268		16 14 48.22 N	120 31 27.27 E
269		16 14 50.85 N	120 31 29.09 E
270		16 14 52.32 N	120 31 30.25 E
271		16 14 54.94 N	120 31 31.23 E
272		16 14 57.87 N	120 31 31.19 E
273		16 14 59.80 N	120 31 29.82 E
274		16 15 01.24 N	120 31 27.44 E
275		16 15 03.33 N	120 31 25.73 E
276	16 15 05.28 N	120 31 25.54 E	
277	16 15 06.75 N	120 31 26.03 E	
278	Brgy. Tabaan Sur, Tuba	16 15 08.72 N	120 31 27.01 E
279		16 15 10.83 N	120 31 26.99 E
280		16 15 13.93 N	120 31 27.62 E
281		16 15 16.23 N	120 31 29.95 E
282		16 15 18.05 N	120 31 32.62 E
283		16 15 20.11 N	120 31 35.04 E
284		16 15 21.92 N	120 31 36.53 E
285		16 15 24.53 N	120 31 36.83 E
286		16 15 26.48 N	120 31 37.15 E
287		16 15 29.26 N	120 31 38.29 E
288		16 15 32.21 N	120 31 40.10 E
289		16 15 34.18 N	120 31 41.93 E
290		16 15 38.51 N	120 31 47.17 E
291		16 15 42.34 N	120 31 49.62 E
292		16 15 45.90 N	120 31 51.72 E
293		16 15 49.05 N	120 31 55.70 E
294		16 15 49.30 N	120 31 55.59 E
295		16 15 58.57 N	120 31 50.51 E
296		16 16 00.89 N	120 31 49.73 E
297		16 16 02.78 N	120 31 50.75 E
298		16 16 04.40 N	120 31 52.39 E
299		16 16 07.18 N	120 31 55.05 E
300		16 16 09.24 N	120 31 57.43 E
301		16 16 10.14 N	120 31 59.82 E
302		16 16 10.47 N	120 32 02.97 E

303		16 16 10.37 N	120 32 07.32 E
304		16 16 10.55 N	120 32 10.17 E
305		16 16 12.02 N	120 32 11.51 E
306		16 16 14.34 N	120 32 12.08 E
307		16 16 15.66 N	120 32 12.81 E
308		16 16 17.40 N	120 32 13.54 E
309		16 16 19.02 N	120 32 15.32 E
310		16 16 20.49 N	120 32 16.81 E
311		16 16 22.54 N	120 32 18.58 E
312		16 16 24.59 N	120 32 20.21 E
313		16 16 27.17 N	120 32 21.81 E
314		16 16 29.27 N	120 32 23.60 E
315		16 16 31.48 N	120 32 27.03 E
316		16 16 34.56 N	120 32 29.84 E
317		16 16 40.10 N	120 32 30.70 E
318		16 16 49.38 N	120 32 25.41 E
319		16 16 52.02 N	120 32 33.09 E
320		16 16 55.42 N	120 32 36.08 E
321		16 16 56.98 N	120 32 42.82 E
322		16 16 58.87 N	120 32 44.73 E
323		16 17 02.69 N	120 32 51.28 E
324		16 17 05.93 N	120 32 52.37 E
325		16 17 08.38 N	120 32 52.18 E
326		16 17 11.12 N	120 32 52.01 E
327		16 17 14.18 N	120 32 51.31 E
328		16 17 16.61 N	120 32 49.71 E
329		16 17 20.54 N	120 32 51.83 E
330		16 17 27.21 N	120 32 56.40 E
331		16 17 30.70 N	120 33 00.89 E
332		16 17 33.64 N	120 33 01.75 E
333		16 17 36.38 N	120 33 01.71 E
334		16 17 37.89 N	120 33 02.73 E
335		16 17 39.54 N	120 33 04.90 E
336		16 17 40.19 N	120 33 06.96 E
337		16 17 42.72 N	120 33 09.77 E
338		16 17 43.24 N	120 33 11.45 E
339		16 17 43.70 N	120 33 19.07 E
340		16 17 40.90 N	120 33 25.04 E
341		16 17 41.80 N	120 33 27.88 E
342		16 17 44.20 N	120 33 29.79 E
343		16 17 48.75 N	120 33 30.59 E
344		16 18 00.62 N	120 33 33.37 E
345		16 18 03.63 N	120 33 35.53 E
346	Brgy. Twin Peaks, Tuba	16 18 04.67 N	120 33 38.23 E
347		16 18 04.87 N	120 33 44.00 E
348		16 18 08.27 N	120 33 47.18 E
349		16 18 10.92 N	120 33 51.49 E
350		16 18 13.67 N	120 33 53.29 E
351		16 18 17.63 N	120 33 57.87 E
352		16 18 25.36 N	120 34 01.18 E
353		16 18 31.67 N	120 34 04.03 E
354		16 18 35.91 N	120 34 04.26 E

355		16 18 39.61 N	120 34 05.12 E
356		16 18 47.00 N	120 34 00.30 E
357		16 18 49.74 N	120 33 58.66 E
358		16 18 51.53 N	120 33 58.53 E
359		16 18 55.46 N	120 34 01.17 E
360		16 19 00.10 N	120 34 05.56 E
361		16 19 02.10 N	120 34 05.95 E
362		16 19 05.00 N	120 34 06.02 E
363		16 19 06.46 N	120 34 06.92 E
364		16 19 07.60 N	120 34 11.58 E
365		16 19 06.92 N	120 34 16.95 E
366		16 19 07.64 N	120 34 18.49 E
367		16 19 10.44 N	120 34 19.08 E
368		16 19 13.93 N	120 34 18.73 E
369		16 19 17.01 N	120 34 17.55 E
370		16 19 25.10 N	120 34 12.26 E
371		16 19 27.51 N	120 34 08.97 E
372		16 19 30.86 N	120 34 07.75 E
373		16 19 32.73 N	120 34 05.08 E
374		16 19 36.18 N	120 34 04.34 E
375		16 19 40.84 N	120 34 01.39 E
376		16 19 44.23 N	120 34 00.83 E
377		16 19 52.32 N	120 34 01.35 E
378		16 19 53.81 N	120 34 00.37 E
379		16 19 54.39 N	120 33 58.74 E
380		16 19 54.75 N	120 33 56.04 E
381		16 19 55.83 N	120 33 54.17 E
382		16 19 56.81 N	120 33 52.50 E
383		16 19 59.89 N	120 33 51.12 E
384		16 20 01.92 N	120 33 47.62 E
385		16 20 02.92 N	120 33 45.29 E
386		16 20 02.48 N	120 33 42.51 E
387		16 20 03.56 N	120 33 40.53 E
388		16 20 06.28 N	120 33 39.69 E
389		16 20 09.01 N	120 33 37.26 E
390		16 20 11.29 N	120 33 35.78 E
391		16 20 12.87 N	120 33 34.31 E
392		16 20 13.15 N	120 33 32.34 E
393		16 20 14.42 N	120 33 30.26 E
394		16 20 16.59 N	120 33 29.32 E
395		16 20 19.04 N	120 33 28.39 E
396		16 20 21.91 N	120 33 25.46 E
397		16 20 24.30 N	120 33 25.12 E
398		16 20 26.97 N	120 33 25.08 E
399		16 20 29.78 N	120 33 24.33 E
400		16 20 32.12 N	120 33 23.53 E
401	Brgy. Poblacion, Tuba	16 20 38.11 N	120 33 24.07 E
402		16 20 41.23 N	120 33 26.04 E
403		16 20 43.43 N	120 33 25.72 E
404		16 20 46.51 N	120 33 25.31 E
405		16 20 48.99 N	120 33 23.94 E
406		16 20 51.45 N	120 33 22.16 E

407		16 20 56.94 N	120 33 20.82 E
408		16 20 59.14 N	120 33 21.39 E
409		16 21 05.25 N	120 33 26.37 E
410		16 21 06.96 N	120 33 27.49 E
411		16 21 11.66 N	120 33 28.46 E
412		16 21 13.51 N	120 33 29.25 E
413		16 21 18.28 N	120 33 31.28 E
414		16 21 21.73 N	120 33 33.34 E
415		16 21 28.13 N	120 33 33.52 E
416		16 21 30.05 N	120 33 34.28 E
417		16 21 31.47 N	120 33 35.92 E
418		16 21 31.72 N	120 33 37.56 E
419		16 21 30.64 N	120 33 42.55 E
420		16 21 28.49 N	120 33 46.40 E
421		16 21 25.83 N	120 33 49.74 E
422		16 21 26.06 N	120 33 51.81 E
423		16 21 27.07 N	120 33 53.24 E
424		16 21 29.28 N	120 33 53.73 E
425		16 21 31.67 N	120 33 53.70 E
426		16 21 36.54 N	120 33 56.38 E
427		16 21 38.87 N	120 33 59.04 E
428		16 21 41.79 N	120 34 00.97 E
429		16 21 43.02 N	120 34 04.06 E
430		16 21 47.58 N	120 34 09.48 E
431		16 21 49.68 N	120 34 10.18 E
432		16 21 52.47 N	120 34 09.63 E
433		16 21 55.97 N	120 34 09.79 E
434		16 21 58.67 N	120 34 10.69 E
435		16 22 01.61 N	120 34 14.07 E
436		16 22 03.11 N	120 34 14.35 E
437		16 22 10.71 N	120 34 13.16 E
438		16 22 18.88 N	120 34 08.33 E
439	Brgy. Sto. Tomas	16 22 22.37 N	120 34 07.15 E
440	School Area, Baguio City	16 22 27.12 N	120 34 09.24 E
441		16 22 35.97 N	120 34 11.52 E
442		16 22 37.96 N	120 34 15.82 E
443		16 22 40.05 N	120 34 18.92 E
444		16 22 44.58 N	120 34 21.55 E
445		16 22 50.16 N	120 34 21.27 E
446		16 22 54.43 N	120 34 20.40 E
447		16 22 56.61 N	120 34 18.76 E
448		16 22 57.64 N	120 34 18.15 E
449	Brgy. Dontogan,	16 22 59.79 N	120 34 18.01 E
450	Baguio City	16 23 01.27 N	120 34 18.71 E
451		16 23 03.95 N	120 34 19.09 E
452		16 23 05.28 N	120 34 18.48 E
453		16 23 06.31 N	120 34 16.57 E
454		16 23 07.76 N	120 34 15.63 E
455		16 23 08.79 N	120 34 15.59 E
456		16 23 09.74 N	120 34 16.34 E
457		16 23 11.29 N	120 34 16.32 E

458		16 23 14.54 N	120 34 21.22 E
459		16 23 17.13 N	120 34 25.34 E
460	Brgy. Sto. Tomas Proper, Baguio City	16 23 20.16 N	120 34 33.23 E
461		16 23 24.41 N	120 34 38.80 E
462		16 23 24.97 N	120 34 40.15 E
463		16 23 25.64 N	120 34 42.05 E
464		16 23 28.22 N	120 34 44.27 E
465		Brgy. Bakakeng Central, Baguio City	16 23 30.07 N
466	16 23 34.86 N		120 34 45.71 E
467	16 23 38.03 N		120 34 47.13 E
468	16 23 43.56 N		120 34 49.73 E
469	16 23 46.93 N		120 34 55.09 E
470	16 23 50.42 N		120 34 57.84 E
471		16 23 55.42 N	120 35 00.60 E
472	Brgy. Bakakeng Norte, Baguio City	16 24 00.48 N	120 35 06.77 E
473		16 24 01.15 N	120 35 08.95 E
474		16 24 01.20 N	120 35 11.48 E
475		16 24 00.29 N	120 35 12.00 E
476		16 23 59.83 N	120 35 14.31 E
477		16 24 00.52 N	120 35 15.86 E
478		16 24 02.27 N	120 35 18.91 E
479	Brgy. Imelda Marcos, Baguio City	16 24 04.13 N	120 35 21.00 E
480		16 24 05.25 N	120 35 23.11 E
481	Brgy. Balsigan, Baguio City	16 24 04.14 N	120 35 27.33 E
482	Brgy. BGH Compound, Baguio City	16 24 07.98 N	120 35 34.90 E
483		16 24 06.37 N	120 35 35.46 E
484	Brgy. Fil-Am, Baguio City	16 24 04.78 N	120 35 35.34 E
485	Brgy. San Vicente, Baguio City	16 24 01.54 N	120 35 35.96 E
486		16 24 00.64 N	120 35 38.03 E
487	Brgy. BGH Compound, Baguio City	16 23 59.80 N	120 35 40.58 E
488		16 23 59.92 N	120 35 41.68 E
489		16 24 00.63 N	120 35 42.98 E
490		16 24 00.81 N	120 35 44.52 E
491		16 24 00.81 N	120 35 47.30 E
492		16 24 01.06 N	120 35 48.15 E
493		16 24 01.71 N	120 35 48.76 E
494		16 24 03.88 N	120 35 48.69 E
495		16 24 07.57 N	120 35 47.89 E
496		16 24 08.77 N	120 35 47.94 E
497		16 24 08.92 N	120 35 48.12 E
498	Brgy. Camp 8, Baguio City	16 24 11.09 N	120 35 49.07 E
499	Brgy. Military Cut- Off, Baguio City	16 24 12.04 N	120 35 50.04 E
500		16 24 12.08 N	120 35 50.11 E
501		16 24 12.66 N	120 35 51.28 E
502		16 24 13.20 N	120 35 53.06 E
503		16 24 14.25 N	120 35 55.42 E
504		16 24 15.44 N	120 35 57.76 E
505		16 24 14.76 N	120 35 59.32 E

506		16 24 14.90 N	120 36 00.38 E
507		16 24 14.61 N	120 36 03.31 E
508		16 24 14.83 N	120 36 05.64 E
509		16 24 15.34 N	120 36 10.13 E
510		16 24 14.94 N	120 36 14.92 E
511	Brgy. Green Water, Baguio City	16 24 13.81 N	120 36 18.94 E
512		16 24 13.14 N	120 36 23.15 E
513	Camp John Hay, Baguio City	16 24 16.45 N	120 36 25.39 E
514		16 24 18.19 N	120 36 26.18 E
515		16 24 20.42 N	120 36 29.56 E
516		16 24 21.24 N	120 36 32.80 E
517		16 24 21.15 N	120 36 38.97 E
518		16 24 22.10 N	120 36 43.05 E
519		16 24 25.96 N	120 36 42.95 E
520	Brgy. South Drive, Baguio City	16 24 28.39 N	120 36 44.72 E

SECTION 3. Political/Administrative Jurisdiction. The political/administrative jurisdiction of the proposed Bued River System WQMA encompasses the following areas:

City/Municipality	Barangay
Baguio City	Dontogan
	Sto. Tomas Proper
	Bakakeng Central
	Imelda Marcos
	Balsigan
	Fil-Am
	BGH Compound
	San Vicente
	Bakakeng Norte
	Military Cut-off
	Camp 8
	Greenwater
	Sta. Escolastica
	Scout Barrio
	Upper Dagsian
	Lower Dagsian
	Gabriela Silang
	Poliwes
	Loakan-Liwanag
	Loakan Proper
	Hillside
	Fort del Pilar
	Kias
	Camp 7
	SLU SVP
	Sto. Rosario
	Ferdinand Marcos
	Loakan Apugan
Sto. Tomas (School Area)	

	DPS
	South Drive
	Atok Trail
Tuba	Camp 4
	Camp 3
	Camp 1
	Tabaan Sur
	Twin Peaks
	Poblacion
	Ansagan
Itogon	Virac
	Ampucao

SECTION 4. Creation of the WQMA Governing Board. A WQMA Governing Board is hereby created, which shall be chaired by the Regional Director (RD) of the Environmental Management Bureau (EMB), Cordillera Administrative Region (CAR), and shall have the following members:

- a) Duly authorized representative from the Office of the Governor, Province of Benguet;
- b) Duly authorized representative of the Chairman, Regional Development Council, CAR
- c) Duly authorized representative from the Office of the Mayor of the following cities/municipalities:
 - 1) Baguio City
 - 2) Municipality of Tuba, Benguet
 - 3) Municipality of Itogon, Benguet
- d) Regional Director or duly authorized representative from the following government offices in CAR:
 - 1) Department of Agriculture
 - 2) Department of Public Works and Highways
 - 3) Department of Health
 - 4) Department of Education
 - 5) Department of Science and Technology
 - 6) Department of Trade and Industries
 - 7) Department of the Interior and Local Government
 - 8) Department of Tourism
 - 9) National Economic and Development Authority
 - 10) Housing and Land Use Regulatory Board
 - 11) Philippine Information Agency
 - 12) National Commission on Indigenous Peoples
 - 13) National Irrigation Administration
 - 14) Mines and Geosciences Bureau
- e) Duly authorized representative from the National Water Resources Board (NWRB);
- f) Duly authorized representative from the Department of Environment and Natural Resources-CAR;
- g) Duly authorized representative from the Baguio Water District (BWD);

h) Area representative from the following sectors:

- 1) Business/Industry
- 2) Duly registered Non-Government Organizations/Local Peoples' Organization/Civil Societies involved in Natural Resource Management or Environmental Concerns
- 3) Academe
- 4) Recognized Association of Indigenous Peoples in the WQMA

The Board may also invite representatives from other agencies/institutions to participate in the deliberations of the Board as needed.

The terms, vacancy and compensation of expenses of the Governing Board shall be governed by DAO 2005-10. The Local Chief Executive and Heads of Offices may appoint/authorize their respective representatives to the Board, provided that he/she is authorized to make commitments on behalf of the office he/she represents. Provided, further, that the LGU representatives in other WQMAs shall also serve as representative in the Bued River System WQMA.

Representatives from business sector and peoples' organizations/ non-government organizations/ civil society shall be designated in accordance with the procedure and requirements laid down in DAO 2005-10.

SECTION 5. Functions of the Governing Board. The Governing Board shall have the following functions:

- a) Formulate the Governing Rules that will ensure effective management of the WQMA Governing Board;
- b) Elect other officers and create working committees within the Board that are deemed necessary for the effective implementation of WQMA policies, programs, and activities;
- c) Review the initial WQMA Action Plan prepared by the EMB CAR and draft a common and integrated compliance plan. The Board shall consequently prepare and adopt an Action Plan for the succeeding periods to be submitted to the EMB CAR for review and for submission to the DENR;
- d) Together with EMB CAR, assist the Local Government Units in preparing the LGU Compliance Scheme to implement the WQMA Action Plan and drafting local legislation to protect the Bued River and its watershed and promote overall environmental improvement in the WQMA area;
- e) Monitor and facilitate compliance with the WQMA Action Plan by the local government units;
- f) Formulate strategies to harmonize policies/regulations/local legislation necessary for the effective implementation of R.A. 9275 in accordance with those established in the Integrated Water Quality Management Framework;
- g) Coordinate relevant activities among all its members, and-facilitate resolution of conflicts;

- h) Undertake complementary interventions for non-point sources of pollution, considering their greater contribution to pollution;
- i) Undertake projects that will complement national and local initiatives for water pollution control;
- j) Solicit financial and non-financial support from other parties, both local and international, subject to existing applicable regulations;
- k) Initiate and/or coordinate information dissemination activities pertaining to Bued River System WQMA;
- l) Prepare and publish on a regular basis, a Water Quality Status Report for the WQMA and submit a copy thereof to the EMB CAR and to the EMB Central Office to be consolidated into the National Water Quality Status Report;
- m) By joint resolutions with other bodies created by the other laws, coordinate their functions and activities; and
- n) Manage efficiently and judiciously the Area Water Quality Management Fund.

SECTION 6. Governing Rules. The Governing Board shall formulate its own Governing Rules based on applicable and pertinent laws, policies, rules, and regulations. Based on its Governing Rules, the Governing Board may elect at least one Co-chair, create working committees as may be necessary to carry out the Board's functions, and designate their respective chairs.

SECTION 7. Meetings. The Governing Board shall meet quarterly or as often as may be required pursuant to its Governing Rules.

SECTION 8. Technical Working Group and Technical Secretariat. The Governing Board, pursuant to DAO 2005-10 and under the governing rules, shall form a Technical Working Group (TWG) or Committees to ensure broad-based participation of all stakeholders in the work of the Governing Board.

The Governing Board shall likewise create a Technical Secretariat of the WQMA, which shall be based at EMB CAR.

SECTION 9. Multi-Sectoral Group. In accordance with DAO 2005-10, the Governing Board shall create a Multi-Sectoral group for water quality monitoring and surveillance network, drawing membership from representatives nominated by the member LGUs, national government agencies and other organizations represented in the Governing Board. Said group shall augment and complement monitoring and reporting efforts of the DENR/EMB.

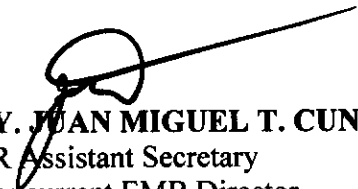
Section 10. Re-designation of WQMA. When necessary, and only after undertaking necessary studies and conducting consultations with relevant local government authorities, the Secretary of the DENR, upon recommendation of the EMB, shall revise the designation of WQMA, re-adjust its boundaries or reconstitute its membership for adequate representation.

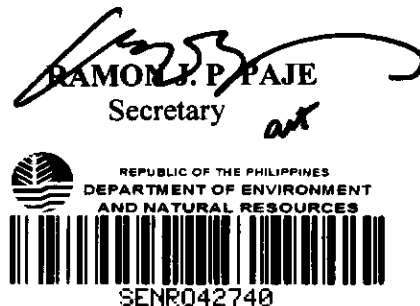
SECTION 11. Amendments and Revisions. Amendments or revisions of any of the provisions, hereof, shall be made only, upon consultations with the concerned stakeholders in accordance with existing policies on the matter and subject to the written approval of all the parties thereto.

SECTION 12. Separability Clause. Should any of the provisions of this Order be subsequently declared invalid or null and void, the validity of the other provisions not affected shall not be impaired and shall remain to be in full force and effect.

SECTION 13. Effectivity. This Order shall take effect fifteen (15) days after its publication in a newspaper of general circulation and fifteen (15) days after its registration with the Office of the National Administrative Registry (ONAR).

Recommending Approval:


ATTY. JUAN MIGUEL T. CUNA
DENR Assistant Secretary
and concurrent EMB Director



Publication : Malaya

April 20, 2016

ACKNOWLEDGEMENT: ONAR, UP LAW CENTER

APRIL 21, 2016

**ANNEX A
BUED RIVER WATER QUALITY MANAGEMENT AREA**

