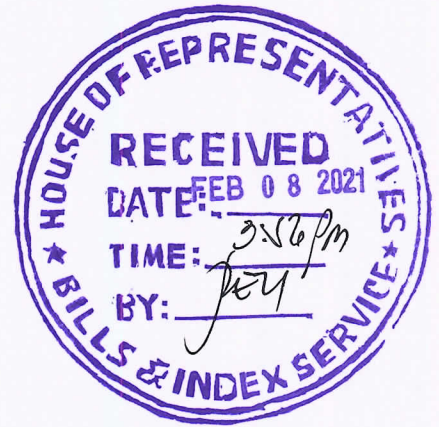




Republic of the Philippines
HOUSE OF REPRESENTATIVES
Quezon City



EIGHTEENTH CONGRESS

Second Regular Session

House Bill No. **8647**

Introduced by
APEC Party-List Representative Sergio C. Dagoo
Philreca Party-List Representative Presley C. De Jesus,
Ako Padayon Pilipino Party-List Representative Adriano A. Ebcas,
RECOBODA Party-List Representative Godofredo N. Guya

EXPLANATORY NOTE

Water is essential to life and all living things. It is undisputable that without water, there can be no life. To plants, water is critical for growth and good production. Insufficiency in water can lead to low yield which could affect the food availability and sufficiency.

The Province of Dinagat Islands is an agricultural place with abundant river systems that can supply the water needs of the farming community and other ecological enhancement purposes to the best interest of the public. This Act seeks to proposed the legislation of at least nine (9) Watershed Reservations in the province, to wit:

First, the Cuarenta Watershed is within the administrative jurisdiction of Barangay Cuarenta, San Jose, Province of Dinagat Island covering an area of 383.90 hectares. It is the source of potable water of the entire Municipality of San Jose with a population of 31,035.

Second, the Imelda Watershed is situated at Sitio Melody, Barangay San Antonio in the Municipality of Libjo and Barangay Imelda in the Municipality of Tubajon, covering a total area of 1,403.37 hectares. It is also their source of potable water that drains to Layauan Bay. The people of Barangay Imelda are mostly fishermen and farmers and are very dependent on the health of Imelda Watershed and coastal environment for their survival.

1 Third, the Matin-ao—Manoligao Watershed is located in Sitio Matin-ao,
2 Barangay Del Pilar in the Municipality of Cagdianao, covering an area of 2,462.68
3 hectares. It is rich in biodiversity composition, including floral and faunal species, that
4 sustain the integrity of the watershed and a potential source of potable water for the
5 Municipality of San Jose, Dinagat and Basilisa.

6
7 Fourth, the Mt. Redondo-Kambinliw Key Biodiversity Area is composed of
8 Esperanza Watershed, Loreto Watershed and Mt. Redondo and Mt. Cambinliw Bonsai
9 Forest of the conservation areas with a total area of 3,668.64 hectares. The Loreto
10 watershed is currently the source of potable water and domestic uses of six (6)
11 Barangays of Loreto. On the other hand, the Esperanza watershed is currently
12 supplying the potable water, irrigation, domestic and ecotourism use of the Linao
13 Spring of Barangay Esperanza. It is also the one of the largest natural bonsai forests in
14 the country with an estimated area of more than 1,000 hectares and the habitat of a
15 highly diverse flora and faunal species including the critically endangered Dinagat
16 Cloud Rat. The peak or summit of the Mt. Redondo-Cambinliw Key Biodiversity Area
17 is the highest peak of Dinagat Islands with an elevation of 915 meters above sea level.

18
19 Fifth, the Navarro Watershed is located at Barangay Navarro in the
20 Municipality of Tubajon and it drains to Malinao Inlet. This watershed is part of
21 Tubajon Watershed of the original 10 identified conservation areas covering a total
22 area of 1,577.96 hectares. This is also the source of potable water, domestic and
23 agriculture.

24
25 Sixth, the Mt. Palhi Watershed is located at Barangay Bayanihan in the
26 Municipality of Libjo covering a total area of 899.28 hectares and the same is the
27 source of potable water of Sitio Maytubig, Sitio Bolok-Bolok and Sitio Katmunan in
28 Barangay Bayanihan. This is a radial form of watershed which supports several
29 tributaries that drain into three (3) major bodies in the area: the Malinao Inlet in the
30 North; Gaas Inlet in the Western and Southern portions; and Paragamac Falls in the
31 East. The area has potential for ecotourism activities and it is frequently visited by both
32 local and foreign tourist just to witness the spectacular and aesthetic value of the area.

33
34 Seventh, the Panamaon Watershed is located at Barangay Panamaon in the
35 Municipality of Loreto at the northern tip of Dinagat Island Province with a total area
36 of 255.84 hectares. At least 90% of the residents of Barangay Panamaon are currently
37 using the watershed as their source of water for domestic and agriculture use. This
38 watershed is part of Mt. Redondo-Mt. Cambinliw Key Biodiversity Area and the
39 habitat of Dinagat Tarsier, Hornbills and Dinagat Cloud Rat as well as of endemic and
40 endangered species of flora such as Tindalo, Kamagong, and Tiga.

41
42 Eighth, the Paragua Watershed formerly named as Libjo Watershed is situated
43 within the Paragua Mountain Ranges which is known as the only contiguous forest in
44 the province of Dinagat Islands with a total area of 2,535.25 hectares. It is the source
45 of potable water in Barangays San Antonio, Albor and Gen. Aguinaldo at the
46 Municipality of Libjo and source of irrigation water for agricultural production in the
47 areas. It is also the habitat of the threatened flora such as cyathea species, red lauan,
48 kamagong, mangkono and threatened fauna such as hornbills and civet cat.

49
50 Finally, the Sambunotan Watershed is situated within Barangays Carmen, Sta.
51 Cruz and Santiago in the Municipality of Loreto, and Barangays Diaz, Mabini, Navarro,

1 San Vicente, San Roque, Roxas and Sta. Cruz in the Municipality of Tubajon, covering
2 a total area of 2,819.65 hectares. This is the source of potable water, irrigation and
3 other domestic uses of six (6) barangays within the Municipality of Tubajon. It has two
4 major river systems, the Carac-an River and Maraging River that drains to Malinao
5 Inlet. The headwaters of the watershed are all located within the Municipality of
6 Loreto.

7
8 This bill seeks to declare the Cuarinta Watershed, Imelda Watershed, Matinao-
9 Manoligao Watershed, Mt. Redondo-Mt. Cambinliw Key Biodiversity Area, Navarro
10 Watershed, Palhi Watershed, Panamaon Watershed, Paragua Watershed, and
11 Sambunotan Watershed located in the Province of Dinagat Islands as Watershed
12 Reservations.

13
14 With a total area of 16,006.57 hectares, the proposed Watershed Reservations
15 in the Province of Dinagat Islands are very critical in ensuring the availability of water
16 resources for the province used for agricultural, industrial and commercial uses. The
17 proposed Watershed Reservations are the primary source of potable drinking water
18 for the province's inhabitants.

19
20 The urgency to pass this bill is necessary in order to ensure the adequacy and
21 continuity of water supply, the mentioned watersheds and tributaries of its important
22 river channels must be properly protected, developed, managed and precluded from
23 inappropriate forest exploitation and land-use to be able to maintain ecological
24 balance and preserve source of water supply for the province.

25
26 The activities of every Filipino must always be in harmony with the natural
27 systems of things. The air around us has been dirtied by too much pollution and the
28 water we use to drink is now perceived to be unsafe. What remains are the waters that
29 flow in our river system which has not been touched by man's insensitivity to the
30 natural order of things and this is where we get our life sustaining essentials. We must
31 not therefore alter, interfere, bypass or destroy such system in the guise of
32 development and progress.

33
34 It is for this reason that this bill is crafted to ensure the protection, conservation
35 and rehabilitation of the watersheds supporting the national irrigation systems. It is
36 only thru an enactment of law that we can be assured that these areas cannot be
37 touched by man's insensitivity to nature and his environment; we must remember that
38 the environment is not ours to keep but to safeguard, for it is just borrowed from our
39 children.

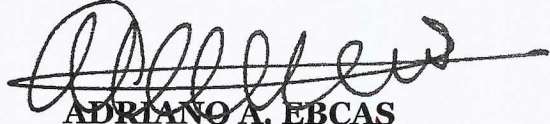
40
41 It is deemed crucial that we act on these now to ensure that our children and
42 the succeeding generations will inherit a living earth with all of its bountiful natural
43 resources and vibrant wildlife.

44
45 In view of the foregoing, the passage of this measure is earnestly urged.
46


SERGIO E. DAGOOC
APEC Party-List Representative



PRESLEY C. DE JESUS
PHILRECA Party-List Representative



ADRIANO A. EBCAS
Ako Padayon Pilipino Party-List Representative



GODOFREDO N. GUYA
RECOBODA Party-List Representative



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AN ACT
ESTABLISHING THE CUARINTA WATERSHED, IMELDA WATERSHED,
MATIN-AO-MANOLIGAO WATERSHED, MT. REDONDO-CAMBINLIW
WATERSHED, NAVARRO WATERSHED, PALHI WATERSHED,
PANAMAON WATERSHED, PARAGUA WATERSHED, SAMBUNOTAN
WATERSHED, ALL SITUATED IN THE MUNICIPALITIES OF SAN JOSE,
TUBAJON, CAGDIANAO, BASILISA, LORETO AND LIBJO, PROVINCE
OF DINAGAT ISLANDS INTO WATERSHED RESERVATIONS,
PROVIDING FOR ITS MANAGEMENT AND FOR OTHER PURPOSES

Be it enacted by the Senate and House of Representatives of the Philippines in Congress assembled:

1 **Section 1. Title** - This Act shall be known as the “Dinagat Islands Watershed
2 Reservation Act”.

3
4 **Section 2. Declaration Policy** – It is the policy of the State to protect and
5 advance the right of the people to a balance and healthful ecology in accord with the
6 rhythm and harmony of nature. For this purpose, the State shall secure for the present
7 and future generations of Filipinos the perpetual existence of all native plants and
8 animals within the subject watersheds in the Province of Dinagat Islands, through its
9 establishment as a component of Republic Act 7586 or the National Integrated
10 Protected Areas Act (NIPAS), as amended by Republic Act 11038 (E-NIPAS Act),

1 under the category of protected landscape. The State shall likewise promote the
2 participation of local communities in and around the protected area.

3
4 **Section 3. Definition of Terms** – For purposes of this Act, the following
5 terms shall be defined as follows:

- 6
7 a. *“Biological diversity”* or *“biodiversity”* shall refer to the wealth of life forms
8 found on earth the million different plants, animals, and microorganisms, the
9 genes they contain and the intricate ecosystem them form;
- 10
11 b. *“Buffer zones”* shall refer to identified areas outside the boundaries of and
12 immediately adjacent to designated protected areas that need special
13 development control in order to avoid or minimize harm to the protected area;
- 14
15 c. *“Intensive restoration”* shall refer to activities undertaken to increase
16 populations of an endangered species or to manage or reconstruct a threatened
17 ecosystem;
- 18
19 d. *“Multiple-use zones”* shall refer to a category of management for areas that can
20 both provide protection to natural resource systems and to certain natural
21 resources and yet contribute significantly to the province’s economic needs;
- 22
23 e. *“National Integrated Protected Areas System (NIPAS)”* shall refer to the
24 classification and administration of all designated protected areas established
25 pursuant to Republic Act 7586 to maintain essential ecological processes and
26 life-support systems, to preserve genetic diversity, to ensure sustainable use of
27 resources and to maintain the natural conditions to the greatest extent possible;
- 28
29 f. *“Rehabilitation”* shall refer to the planning, designing and implementation
30 of watershed improvements in order to restore waterways and associated
31 habitat, improve water quality and increase local water supply;
- 32
33 g. *“Tenured Migrants”* shall refer to any person who has actually and
34 continuously occupied an area for five years prior to the designation of the same
35 as a Protected Area (PA) in accordance with the provisions of Republic Act No.
36 7586 or the NIPAS Act and are solely dependent therein for subsistence;
- 37
38 h. *“Protected Area (PA)”* shall refer to identified portions of land and water set
39 aside by reasons of their unique physical and biological significance, managed
40 to enhance biological diversity and protected against destructive human
41 exploitation;
- 42
43 i. *“Watershed”* shall refer to a land area drained by a stream or fixed body of water
44 and its tributaries having a common outlet for surface run-off;
- 45

- j. *"Watershed delineation"* shall refer to the drawing lines on a map to identify a watershed's boundaries;
- k. *"Watershed reservation"* shall refer to a forest land reservation established to protect or improve the conditions of the water yield thereof or reduce sedimentation; and
- l. *"Water quality monitoring"* shall refer to the sampling and analysis of water such as lake, stream and river, and conditions of water-body.

Section 4. Land Classification – All lands comprising the Dinagat Islands Watershed Reservation identified under this Act shall fall under the classification of Watershed Reservation as provided for in the Philippine Constitution.

Section 5. Scope and Coverage – The following watersheds are hereby declared as Watershed Reservation covering parcels of land situated in the Province of Dinagat Islands, more particularly described as:

Name of Watershed	Location/ Brief Description
1. Cuarinta Watershed	Located in Barangay Cuarinta, San Jose, Province of Dinagat Islands, covering an area of 383.90 hectares.
2. Imelda Watershed	Located in Sitio Melody, San Antonio, Libjo and Barangay Imelda, Tubajon, covering a total area of 1,403.37 hectares.
3. Matin-ao – Manoligao Watershed	Located in Sitio Matin-ao Barangay Del Pilar, Municipality of Cagdianao, Province of Dinagat Islands, covering an area of 2,462.68 hectares
4. Mt. Redondo-Cambinliw Watershed	Composed of Esperanza Watershed, Loreto Watershed and Mt. Redondo and Mt. Cambinliw Bonsai Forest of the original 10 conservation, covering an area of 3,668.64 hectares.
5. Navarro Watershed	Located at Brgy. Navarro, Tubajon, Province of Dinagat Islands and drains to Malinao Inlet, covering an area of 1,577.96 hectares.
6. Palhi Watershed	Located at Barangay Bayanihan, Libjo, Province of Dinagat Islands, covering an area of 899.28 hectares.
7. Panamaon Watershed	Located at Brgy. Panamaon, Loreto at the northern tip of the Province of Dinagat Islands, covering an area of 255.84 hectares.
8. Paragua Watershed	It is situated within the Paragua Mountain Ranges which is known as the only contiguous

	forest in the province of Dinagat Islands and within the political jurisdiction of Barangay Gen. Aguinaldo, Libjo, Dinagat Islands. It is formerly named as Libjo Watershed and covers a total area of 2,535.25 hectares.
9. Sambonotan Watershed	Located in Barangays Carmen, Sta. Cruz and Santiago in Loreto and Barangays Diaz, Mabini, Navarro, San Vicente, San Roque, Roxas and Sta. Cruz in Tubajon, Dinagat Islands, covering an area of 2,819.65 hectares.

The boundary of **Cuarinta Watershed** covers Barangay Cuarinta, Municipality of San Jose, Province of Dinagat Islands, with an area of 383.90 hectares, are as follows:

TECHNICAL DESCRIPTION		
CUARINTA WATERSHED		
TIE POINT (PRS 92)		
SRN 29	Longitude: 125° 35' 17.601"	
	Latitude: 10° 01' 35.972"	
TIE LINE TO CORNER 1		
S 75° 19'58" E		1,835.75
LINE	BEARING	DISTANCE (m)
1-2	N 32°49'48" E	184.46
2-3	N 58°29'49" E	181.80
3-4	S 88°38'5" E	420.12
4-5	N 85°46'11" E	193.87
5-6	S 71°31'15" E	534.20
6-7	S 48°48'46"E	265.76
7-8	S 47°31'16" E	165.09
8-9	S 30°31'54" E	213.07
9-10	S 6°28'54" E	221.42
10-11	S 19°39'19" W	222.99
11-12	S 51°35'0" W	185.07
12-13	S 83°55'44" W	236.33
13-14	S 37°18'19" W	264.01
14-15	S 12°0'36" E	240.26
15-16	S 32°37'14" W	148.41
16-17	S 5°2'38" W	170.66
17-18	S 22°15'2" W	118.85
18-19	S 32°48'3" W	267.68
19-20	S 43°59'47" W	201.56
20-21	S 9°40'9" W	201.96
21-22	S 25°8'21" W	426.29

22-23	S 7°25'58" W	115.98
23-24	S 11°10'25" E	223.59
24-25	S 13°6'44" W	111.29
25-26	S 39°15'26" W	132.42
26-27	S 70°19'24" W	89.51
27-28	S 81°39'51" W	203.92
28-29	N 3°12'1" E	251.27
29-30	N 13°18'24" W	104.28
30-31	N 30°51'35" W	120.87
31-32	N 35°8'3" W	111.22
32-33	N 14°18'1" E	177.30
33-34	N 32°28'16" E	131.77
34-35	N 14°53'12" E	129.29
35-36	N 4°45'44" W	120.42
36-37	N 33°31'58" W	133.50
37-38	N 14°7'37" E	199.76
38-39	N 33°10'38" W	310.65
39-40	N 8°44'41" W	131.53
40-41	N 28°48'34" W	114.13
41-42	N 15°15'14" W	228.04
42-43	N 6°20'14" W	257.51
43-44	N 6°46'59" E	240.76
44-45	N 13°24'9" W	93.61
45-46	N 2°7'16" E	91.02
46-47	N 19°14'56" E	267.97
47-1	N 0°0'5" E	345.00

to point 1, the point of beginning.

The boundaries of **Imelda Watershed** covers Sitio Melody, Barangay San Antonio, Municipality of Libjo and Barangay Imelda, Municipality of Tubajon, Province of Dinagat Islands with an area of 1,403.37 hectares, are as follows:

TECHNICAL DESCRIPTION		
IMELDA WATERSHED		
TIE POINT (PRS 92)		
SRN 18	Longitude: 125° 35' 05.751"	
	Latitude: 10° 18' 33.514"	
TIE LINE TO CORNER 1		
S 69°5'27" W		4,250.20
LINE	BEARING	DISTANCE (m)
1-2	S 1°10'14" W	322.46
2-3	S 25°11'40" E	260.54
3-4	S 52°49'28" E	286.96

4-5	S 52°32'38" E	524.46
5-6	S 44°5'6" E	256.43
6-7	S 9°8'20" W	377.40
7-8	S 59°14'47" E	333.91
8-9	S 17°56'24" E	364.33
9-10	S 7°42'49" E	526.41
10-11	S 37°8'49" W	563.07
11-12	S 49°31'57" W	142.95
12-13	N 88°52'57" W	382.15
13-14	S 50°30'44" W	242.72
14-15	S 67°1'46" W	97.01
15-16	N 86°15'20" W	269.23
16-17	N 38°26'48" W	192.21
17-18	N 20°26'53" W	255.56
18-19	N 50°37'23" W	269.44
19-20	N 67°1'55" W	306.99
20-21	N 39°29'0" W	478.35
21-22	N 12°34'13" W	125.54
22-23	N 14°43'30" W	215.61
23-24	N 2°22'13" E	54.00
24-25	N 1°14'55" E	225.16
25-26	N 9°59'3" W	273.81
26-27	N 51°5'39" W	353.67
27-28	N 25°53'28" E	514.56
28-29	N 45°10'22" W	324.50
29-30	S 89°32'54" W	685.01
30-31	S 6°45'44" W	511.58
31-32	N 26°47'32" W	1,543.69
32-33	N 13°27'20" E	950.11
33-34	N 44°0'8" W	954.39
34-35	N 3°50'41" W	461.94
35-36	N 33°3'59" E	605.43
36-37	S 80°32'29" E	95.22
37-38	S 52°56'21" E	588.02
38-39	S 85°46'58" E	538.46
39-40	N 85°39'0" E	306.03
40-41	S 41°46'13" E	326.67
41-42	S 65°58'12" E	279.86
42-43	S 64°45'35" E	382.37
43-44	S 0°15'32" W	361.68
44-45	S 27°15'40" E	235.96
45-46	S 33°53'55" E	300.67
46-47	S 64°23'20" E	376.68
47-48	S 42°25'0" E	318.08

48-49	S 28°37'20" E	153.91
49-50	S 32°35'17" E	130.06
50-51	S 1°0'56" W	285.47
51-52	S 7°40'38" E	132.31
52-53	S 7°40'38" E	316.72
53-1	S 58°41'10" E	201.73

to point 1, the point of beginning.

The boundary of **Matin-ao–Manoligao Watershed** covers Sitio Matin-ao, Barangay Del Pilar, Municipality of Cagdianao, Province of Dinagat Islands, with an area of 2,462.68 hectares, are as follows:

TECHNICAL DESCRIPTION		
WESTERN PART		
TIE POINT (PRS 92)		
SRN 29	Longitude: 125° 35' 17.601"	
	Latitude: 10° 01' 35.972"	
TIE LINE TO CORNER 1		
N 88°37'7" E		4,218.59
LINE	BEARING	DISTANCE (m)
1-2	N 20°9'53" E	682.23
2-3	N 9°11'29" W	1,210.44
3-4	N 25°31'37" W	763.91
4-5	N 80°21'32" W	421.35
5-6	N 0°0'0" E	371.81
6-7	N 51°18'46" E	264.59
7-8	N 9°52'8" E	964.31
8-9	N 83°30'44" E	388.63
9-10	N 56°55'42" E	456.45
10-11	N 14°23'35" E	273.30
11-12	N 90°0'0" E	743.62
12-13	S 82°52'30" E	749.41
13-14	S 84°45'41" E	342.01
14-15	S 69°0'14" E	431.70
15-16	S 45°51'8" E	328.67
16-17	S 31°14'43" E	925.45
17-181	S 68°7'23" E	1,266.71
18-19	N 84°9'0" E	993.74
19-20	S 61°16'46" E	1,167.74
20-21	S 18°26'6" E	293.94
21-22	S 0°0'0" W	743.62
22-23	S 90°0'0" W	92.95
23-24	S 36°52'12" W	464.76
24-25	S 33°41'24" W	335.14

25-26	S 82°48'47" W	249.59
26-27	S 26°37'56" W	277.02
27-28	S 66°48'5" W	707.90
28-29	S 84°23'2" W	849.35
29-30	N 85°24'22" W	822.39
30-31	S 48°15'22" W	446.73
31-32	N 46°10'21" W	395.29
32-33	S 77°41'0" W	308.07
33-34	N 66°18'14" W	277.06
34-35	N 87°47'6" W	169.05
35-36	S 62°43'31" W	540.25
36-37	S 45°0'33" W	598.47
37-38	S 76°29'32" W	352.05
38-39	S 46°29'20" W	137.16
39-40	N 80°50'43" W	581.54
40-1	N 21°51'44" W	608.95

to point 1, the point of beginning.

The boundaries of **Mt. Redondo—Cambinliw Watershed** is composed of Esperanza Watershed, Loreto Watershed and Mt. Redondo and Mt. Cambinliw Bonsai Forest of the original 10 conservation, covering an area of 3,668.64 hectares, are as follows:

TECHNICAL DESCRIPTION		
MT. REDONDO-CAMBINLIW KBA		
TIE POINT (PRS 92)		
SRN 86	Longitude: 125° 36' 39.074"	
	Latitude: 10° 24' 54.906"	
TIE LINE TO CORNER 1		
S 24°21'12" E		955.37
LINE	BEARING	DISTANCE (m)
1-2	S 44°59'55" E	127.28
2-3	S 86°0'28" E	431.05
3-4	S 77°51'16" E	404.05
4-5	S 68°22'4" E	311.97
5-6	S 41°59'9" E	201.81
6-7	S 41°27'59" E	286.93
7-8	S 85°36'0" E	195.58
8-9	N 62°6'15" E	96.18
9-10	S 89°59'55" E	190.00
10-11	S 42°2'32" E	754.08
11-12	S 37°52'25" E	171.03
12-13	S 61°33'21" E	136.48
13-14	S 16°4'20" E	307.01

14-15	S 1°42'40" W	335.15
15-16	N 82°19'14" E	735.59
16-17	S 56°20'27" E	866.10
17-18	S 49°46'14" E	1,197.48
18-19	S 43°31'47" E	547.42
19-20	S 8°20'9" W	629.75
20-21	S 33°4'12" W	493.25
21-22	S 8°50'42" E	666.15
22-23	S 15°32'36" W	696.18
23-24	S 56°11'7" W	998.38
24-25	S 51°12'6" W	1,013.41
25-26	S 69°42'15" W	617.81
26-27	N 75°56'17" W	585.50
27-28	S 86°38'6" W	85.15
28-29	S 72°10'34" W	431.02
29-30	S 44°17'33" W	479.27
30-31	S 28°22'55" W	254.64
31-32	N 78°4'48" W	39.30
32-33	N 46°54'37" W	317.88
33-3	N 78°14'23" W	684.64
34-35	S 82°15'55" W	483.49
35-36	N 19°49'52" W	100.27
36-37	N 4°0'46" W	285.71
37-38	N 20°33'17" W	85.44
38-39	N 46°41'0" W	240.52
39-40	N 81°1'33" W	96.18
40-41	N 48°42'50" W	272.81
41-42	N 29°3'12" W	102.96
42-43	N 0°0'5" E	125.00
43-44	N 46°28'3" W	137.93
44-45	N 4°23'50" W	65.19
45-46	N 50°11'35" W	39.05
46-47	N 0°0'5" E	95.00
47-48	N 26°33'49" W	78.26
48-49	N 0°0'5" E	50.00
49-50	N 63°26'1" W	100.62
50-51	N 44°5'21" W	222.77
51-52	N 20°33'17" W	42.72
52-53	S 86°59'19" W	190.27
53-54	N 43°21'43" W	123.80
54-55	N 79°22'44" W	81.40
55-56	N 43°43'32" W	159.14
56-57	N 82°52'25" W	40.31
57-58	N 43°49'46" W	173.28

58-59	N 1°47'29" E	160.08
59-60	N 40°36'0" W	184.39
60-61	N 3°34'40" E	80.16
61-62	N 43°18'49" E	110.19
62-63	N 50°6'35" W	284.63
63-64	N 16°39'29" W	131.82
64-65	S 73°30'38" W	31.49
65-66	N 55°36'2" W	218.94
66-67	N 6°45'16" E	136.53
67-68	N 43°50'35" E	133.64
68-69	N 25°30'11" E	293.87
69-70	N 59°59'47" E	88.11
70-71	N 48°14'28" E	187.69
71-72	S 69°37'20" E	186.68
72-73	S 86°23'51" E	716.42
73-74	S 74°3'12" E	218.41
74-75	S 89°59'55" E	310.00
75-76	N 48°7'25" E	194.75
76-77	N 74°28'38" E	186.82
77-78	S 89°59'55" E	165.00
78-79	N 26°33'49" W	78.26
79-80	N 14°28'8" W	160.08
80-81	N 0°0'5" E	230.00
81-82	N 24°1'31" W	454.37
82-83	N 5°26'30" E	210.95
83-84	N 44°41'32" W	661.16
84-85	N 71°33'49" W	126.49
85-86	N 30°22'40" W	168.08
86-87	S 75°57'54" W	247.39
87-88	N 64°54'41" W	129.94
88-89	N 7°6'59" W	250.81
89-90	N 12°31'54" E	452.51
90-91	N 23°49'49" E	291.31
91-92	N 18°22'59" W	306.71
92-93	N 9°16'40" E	386.40
93-94	N 30°33'45" W	358.96
94-95	N 1°36'22" E	351.19
95-96	N 35°41'56" E	202.86
96-97	N 76°5'56" E	208.73
97-98	S 85°3'19" E	113.14
98-99	S 60°8'16" E	40.34
99-100	S 71°47'27" E	405.99
100-1	S 84°59'8" E	286.10

1

2 to point 1, the point of beginning.

The boundary of **Navarro Watershed** covers Barangay Navarro, Municipality of Tubajon, Province of Dinagat Islands and drains to Malinao Inlet, covering an area of 1,577.96 hectares, are as follows:

TECHNICAL DESCRIPTION		
NAVARRO WATERSHED		
TIE POINT (PRS 92)		
SRN 18	Longitude: 125° 35' 05.751"	
	Latitude: 10° 18' 33.514"	
TIE LINE TO CORNER 1		
S 9°6'12" W		505.92
LINE	BEARING	DISTANCE (m)
1-2	S 60°18'15" E	428.87
2-3	S 9°41'16" E	385.61
3-4	S 9°28'18" W	121.56
4-5	S 54°9'36" W	223.29
5-6	S 1°23'1" E	264.63
6-7	S 5°39'3" E	218.38
7-8	S 35°22'19" W	144.13
8-9	S 17°31'41" W	517.88
9-10	S 8°55'40" E	116.40
10-11	S 89°13'45" E	226.20
11-12	S 52°39'0" E	344.29
12-13	S 7°52'35" W	260.43
13-14	S 81°12'54" W	345.68
14-15	S 5°15'9" E	473.62
15-16	S 9°25'53" W	215.76
16-17	S 9°33'24" E	414.48
17-18	S 21°27'29" W	80.80
18-19	N 76°2'8" W	118.78
19-20	S 44°9'38" W	168.50
20-21	S 48°33'42" W	215.80
21-22	S 69°39'58" W	230.38
22-23	N 74°16'34" W	136.60
23-24	N 47°24'23" W	93.07
24-25	N 81°19'27" W	331.89
25-26	N 53°3'2" W	303.05
26-27	N 87°55'16" W	214.86
27-28	N 66°11'1" W	297.18
28-29	N 86°40'25" W	343.48
29-30	S 72°2'47" W	242.78
30-31	S 87°59'34" W	324.45
31-32	N 7°42'49" W	526.63
32-33	N 17°56'24" W	364.33

33-34	N 59°14'47" W	333.91
34-35	N 9°8'20" E	377.40
35-36	N 44°5'6" W	256.43
36-37	N 52°38'35" W	811.42
37-38	N 25°11'40" W	260.54
38-39	N 1°10'14" E	322.46
39-40	N 58°41'10" W	201.73
40-41	N 7°40'38" W	449.03
41-42	N 1°0'56" E	285.47
42-43	N 32°35'17" W	130.06
43-44	N 28°37'20" W	153.91
44-45	N 70°30'36" E	133.76
45-46	N 51°7'18" E	207.55
46-47	N 65°52'32" E	190.26
47-48	N 53°6'15" E	285.75
48-49	N 67°5'17" E	194.36
49-50	S 8°21'17" E	214.64
50-51	N 39°46'10" E	188.52
51-52	S 84°32'29" E	472.15
52-53	N 7°32'20" E	272.88
53-54	N 52°9'51" E	167.47
54-55	N 35°14'42" E	203.66
55-56	N 69°48'41" E	305.17
56-57	N 87°35'24" E	234.93
57-58	N 67°55'51" E	0.30
58-59	S 52°14'39" E	462.70
59-60	S 56°45'18" E	0.13
60-61	S 2°42'54" E	130.97
61-62	S 55°2'5" W	266.50
62-63	S 11°5'19" W	191.68
63-64	S 37°43'23" E	163.32
64-65	S 23°1'14" E	0.12
65-66	S 53°52'49" E	273.96
66-67	S 20°41'10" E	314.68
67-68	S 1°10'17" W	84.68
68-69	S 1°8'36" W	0.06
69-70	N 60°55'47" E	232.96
70-71	N 46°51'32" E	309.84
71-72	S 44°55'17" E	142.74
72-73	S 11°23'35" E	278.76
73-74	S 27°15'50" W	0.29
74-75	S 68°17'59" E	122.62
75-76	S 67°54'57" E	0.41
76-1	N 68°16'30" E	573.92

to point 1, the point beginning.

The boundary of **Palhi Watershed** covers Barangay Bayanihan, Municipality of Libjo, Province of Dinagat Islands, with an area of 899.28 hectares, are as follows:

TECHNICAL DESCRIPTION		
PALHI WATERSHED		
TIE POINT (PRS 92)		
SRN 22	Longitude: 125° 33' 28.999"	
	Latitude: 10°11' 09.831"	
TIE LINE TO CORNER 1		
N 86°38'15" E		7,841.45
LINE	BEARING	DISTANCE (m)
1-2	N 14°22'47" W	201.31
2-3	N 23°54'33" E	530.52
3-4	N 12°2'39" E	383.44
4-5	N 34°41'48" E	395.29
5-6	N 21°48'11" E	134.63
6-7	N 22°18'17" W	210.78
7-8	N 40°51'14" W	244.59
8-9	N 38°39'30" W	192.10
9-10	N 33°4'38" W	134.55
10-11	N 31°10'45" E	248.09
11-12	N 13°42'31" E	211.01
12-13	N 11°18'42" E	152.97
13-14	N 23°33'14" E	212.72
14-15	N 51°20'30" E	224.11
15-16	N 77°16'33" E	476.71
16-1	N 86°11'21" E	375.84
17-18	S 61°39'55" E	159.13
18-19	S 40°46'11" E	370.00
19-20	S 79°9'20" E	288.47
20-21	S 72°57'38" E	324.23
21-22	S 88°18'49" E	170.08
22-23	S 43°24'50" E	427.97
23-24	S 63°18'2" E	229.67
24-25	S 24°18'32" E	300.78
25-26	S 37°12'3" E	162.73
26-27	S 9°55'55" W	125.61
27-28	S 22°31'36" E	178.17
28-29	S 86°45'52" E	114.44
29-30	S 16°17'15" E	213.21
30-31	S 34°35'6" W	167.61

31-32	S 3°18'36" W	131.73
32-33	S 11°59'7" E	77.05
33-34	S 37°2'49" W	163.55
34-35	S 59°41'10" W	396.35
35-36	S 39°52'7" W	263.14
36-37	N 85°0'10" W	63.30
37-38	S 28°43'58" W	626.10
38-39	S 3°5'33" E	122.55
39-40	N 80°30'3" W	106.10
40-41	N 28°310" W	196.53
41-42	N 61°45'39" W	81.09
42-43	S 85°45'11" W	232.15
43-44	S 43°24'15" W	286.36
44-45	S 11°56'45" W	56.25
45-46	S 61°59'56" W	358.41
46-47	S 24°26'44" W	102.30
47-48	S 34°2'17" W	145.60
48-49	S 42°11'58" W	179.01
49-50	S 70°38'12" W	69.85
50-51	N 85°23'1" W	68.02
51-52	N 41°20'32" W	275.40
52-53	N 69°2'33" W	119.85
53-54	N 58°32'22" W	220.54
54-55	S 56°44'14" W	130.85
55-56	N 88°53'40" W	44.73
56-57	N 32°58'4" W	220.51
57-58	N 50°11'34" W	117.16
58-1	N 39°17'16" W	284.26

to point 1, the point of beginning.

The boundary of **Panamaon Watershed** covers Barangay Panamaon, Municipality of Loreto at the northern tip of the Province of Dinagat Islands, with an area of 255.84 hectares, are as follows:

TECHNICAL DESCRIPTION		
PANAMAON WATERSHED		
TIE POINT (PRS 92)		
SRN 86	Longitude: 125° 36' 39.074"	
	Latitude: 10° 24' 54.906"	
TIE LINE TO CORNER 1		
N 19°26'20" E		74.09
LINE	BEARING	DISTANCE (m)

1-2	N 50°52'2" W	82.88
2-3	N 11°24'10" W	79.46
3-4	N 43°2'32" E	95.52
4-5	N 8°6'31" E	34.10
5-6	N 12°13'57" W	93.48
6-7	N 45°2'21" E	227.87
7-8	N 72°32'55" E	572.18
8-9	N 62°44'35" E	108.55
9-10	N 10°48'38" E	34.22
10-11	N 51°57'50" E	92.52
11-12	N 82°13'10" E	93.43
12-13	N 47°7'4" E	94.71
13-14	N 88°49'9" E	248.03
14-15	N 61°8'16" E	154.73
15-16	S 74°46'39" E	76.60
16-17	N 82°19'52" E	80.34
17-18	N 55°59'0" E	161.59
18-19	N 31°49'36" E	79.10
19-20	N 74°58'52" E	71.61
20-21	N 46°17'32" E	149.66
21-22	N 71°52'18" E	15.46
22-23	S 64°6'2" E	171.41
23-24	S 77°48'30" E	181.88
24-25	S 49°16'39" E	160.93
25-26	S 15°45'47" E	106.42
26-27	S 2°16'17" W	178.86
27-28	S 19°19'7" W	61.27
28-29	S 37°28'52" E	41.21
29-30	S 40°56'14" W	53.52
30-31	S 4°24'8" W	145.35
31-32	S 39°8'30" W	47.62
32-33	S 23°3'26" W	195.20
33-34	S 41°53'28" W	77.42
34-35	S 9°3'10" W	53.79
35-36	S 8°29'4" E	376.39
36-37	S 19°42'26" W	186.09
37-38	S 41°27'39" W	105.96
38-39	S 87°42'37" W	144.12
39-40	S 68°52'43" W	89.46
40-41	N 89°22'54" W	277.23
41-42	N 64°10'18" W	141.81
42-43	N 46°4'42" W	177.09
43-44	N 72°25'50" W	31.27
44-45	N 44°31'23" W	468.74

45-46	N 79°0'56" W	84.96
46-47	S 59°53'11" W	49.83
47-48	S 86°20'31" W	75.35
48-49	S 48°31'32" W	53.13
49-50	S 80°25'23" W	539.73
50-51	N 63°8'41" W	97.97
51-52	N 46°25'43" W	137.28
52-1	N 79°11'23" W	31.69

to point 1, the point of beginning.

The boundary of **Paragua Watershed** covers Barangay Gen. Aguinaldo, Municipality of Libjo, Dinagat Islands, with a total area of 2,535.25 hectares, are as follows:

TECHNICAL DESCRIPTION		
PARAGUA WATERSHED		
TIE POINT (PRS 92)		
SRN 22	Longitude: 125° 33' 28.999"	
	Latitude: 10° 11' 09.831"	
TIE LINE TO CORNER 1		
N 6°4'20" E		287.44
LINE	BEARING	DISTANCE (m)
1-2	S 54°22'58" W	412.10
2-3	N 82°10'10" W	403.77
3-4	N 76°11'1" W	314.09
4-5	N 44°59'55" W	205.06
5-6	N 6°42'40" E	342.35
6-7	N 33°50'2" W	547.78
7-8	N 21°47'38" E	726.86
8-9	N 71°10'20" E	465.05
9-10	N 30°10'30" E	248.70
10-11	N 5°7'52" E	309.90
11-12	N 9°46'53" E	219.54
12-13	N 21°48'10" E	296.19
13-14	N 73°33'10" E	547.41
14-15	N 1°50'56" E	465.25
15-16	N 48°34'40" E	340.08
16-17	N 68°27'28" W	204.27
17-18	N 48°56'38" W	205.55
18-19	N 4°45'54" E	180.63
19-20	N 25°25'42" E	337.72
20-21	N 39°48'25" E	234.31
21-22	N 44°59'55" W	304.06

22-23	S 88°56'26" W	270.05
23-24	N 84°14'10" W	547.78
24-25	N 4°10'18" E	481.28
25-26	N 40°50'30" E	389.94
26-27	N 0°0'5" E	515.01
27-28	N 37°19'21" E	635.03
28-29	N 77°51'1" E	1,144.96
29-30	N 84°2'36" E	905.61
30-31	S 50°8'6" E	631.87
31-32	N 84°20'31" E	557.73
32-33	N 73°29'49" E	422.41
33-34	S 79°11'5" E	453.05
34-35	N 37°27'43" E	485.03
35-36	N 8°31'59" E	165.31
36-37	S 49°50'34" E	628.04
37-38	S 42°42'29" E	265.38
38-39	S 8°59'27" E	444.89
39-40	S 24°57'36" W	410.37
40-41	S 81°27'38" W	549.49
41-42	S 44°46'13" W	692.92
42-43	S 19°12'19" W	471.23
43-44	S 65°13'34" W	1,145.44
44-45	S 32°3'14" W	970.04
45-46	S 46°22'51" E	496.99
46-47	S 2°46'8" E	310.37
47-48	S 41°9'33" E	1,055.97
48-49	S 46°44'13" W	466.91
49-50	S 82°56'57" W	488.70
50-51	S 56°18'41" W	468.73
51-52	S 2°51'40" E	600.76
52-53	S 18°44'34" W	295.68
53-54	S 20°44'29" E	188.10
54-55	S 10°0'46" W	268.18
55-56	S 52°10'50" W	454.84
56-57	S 72°42'19" W	485.13
57-58	N 78°50'6" W	521.92
58-1	N 46°19'46" W	864.74

to point 1, the point of beginning.

The boundaries of **Sambunotan Watershed** covers Barangays Carmen, Sta. Cruz and Santiago in the Municipality of Loreto and Barangays Diaz, Mabini, Navarro, San Vicente, San Roque, Roxas and Sta. Cruz in the Municipality of Tubajon, Dinagat Islands, with an area of 2,819.65 hectares, are as follows:

TECHNICAL DESCRIPTION		
SAMBUNOTAN WATERSHED		
TIE POINT (PRS 92)		
SRN 18	Longitude: 125° 35' 05.751"	
	Latitude: 10° 18' 33.514"	
TIE LINE TO CORNER 1		
S 9°6'12" W		505.92
LINE	BEARING	DISTANCE (m)
1-2	S 68°16'30" W	573.92
2-3	N 67°54'57" W	0.41
3-4	N 68°17'59" W	122.62
4-5	N 27°15'50" E	0.29
5-6	N 11°24'32" W	278.69
6-7	N 38°53'36" E	0.10
7-8	N 44°54'6" W	142.59
8-9	N 62°45'31" W	0.16
9-10	S 46°51'32" W	309.84
10-11	N 62°46'11" W	0.07
11-12	S 60°54'56" W	232.92
12-13	N 1°8'36" E	0.06
13-14	N 1°10'17" E	84.68
14-15	N 20°41'10" W	314.68
15-16	N 53°52'49" W	273.96
16-17	N 23°1'14" W	0.12
17-18	N 37°43'23" W	163.32
18-19	N 11°5'19" E	191.68
19-20	N 54°58'9" E	266.76
20-21	N 2°44'24" W	130.58
21-22	N 56°45'18" W	0.13
22-23	N 52°14'39" W	462.70
23-24	S 67°55'51" W	0.30
24-25	N 23°8'17" E	588.63
25-26	N 53°58'44" W	152.03
26-27	N 5°11'12" W	606.09
27-28	N 9°43'0" E	392.70
28-29	N 33°13'3" W	512.91
29-30	N 25°46'41" E	685.53
30-31	N 42°19'31" E	243.35
31-32	N 8°2'41" E	200.84
32-33	N 10°35'3" E	440.55
33-34	N 60°14'46" E	384.17
34-35	S 87°47'3" E	351.06

35-36	S 85°20'15" E	79.50
36-37	N 57°10'14" E	167.30
37-38	S 89°21'4" E	89.62
38-39	N 52°10'23" E	196.01
39-40	S 64°5'33" E	641.38
40-41	S 47°46'7" E	136.96
41-42	S 9°42'25" E	276.10
42-43	S 33°32'56" W	67.74
43-44	S 35°23'15" E	366.44
44-45	S 47°58'58" E	326.20
45-46	S 5°51'47" E	156.80
46-47	S 47°10'36" E	302.58
47-48	S 3°51'9" E	144.76
48-49	S 51°27'57" E	663.26
49-50	S 88°59'37" E	254.05
50-51	N 53°38'46" E	186.54
51-52	N 25°23'45" E	184.59
52-53	N 65°36'23" E	159.05
53-54	S 88°23'44" E	524.59
54-55	N 40°34'42" E	314.37
55-56	N 42°6'14" E	207.99
56-57	N 82°15'55" E	483.49
57-58	S 78°14'23" E	684.64
58-59	S 46°54'37" E	317.88
59-60	S 18°35'30" E	88.85
60-61	S 11°8'38" E	357.19
61-62	S 20°10'8" W	214.11
62-63	S 9°41'43" E	623.05
63-64	S 1°43'6" E	337.02
64-65	S 82°22'26" W	406.15
65-66	S 29°52'11" W	287.47
66-67	S 22°31'34" W	395.69
67-68	S 29°25'9" W	257.18
68-69	S 31°22'3" E	678.71
69-70	S 1°53'45" W	299.50
70-71	S 21°50'45" W	339.59
71-72	S 67°19'7" W	463.40
72-73	S 78°11'39" W	419.86
73-74	S 54°51'57" W	556.09
74-75	S 32°10'16" W	493.49
75-76	S 28°22'14" W	304.85
76-77	S 36°58'20" W	330.47

77-78	S 41°50'43" W	302.98
78-79	S 54°23'37" W	232.43
79-80	N 56°38'47" W	366.10
80-81	N 43°46'34" W	408.02
81-82	N 24°2'28" E	294.96
82-83	N 14°27'9" W	337.44
83-84	N 53°40'21" W	454.03
84-85	S 84°56'5" W	243.72
85-86	N 48°48'40" W	275.51
86-87	N 9°41'16" W	385.61
87-1	N 60°18'15" W	428.87

to point 1, the point of beginning.

The technical descriptions provided in this Act will be subject to an actual ground survey and verification to be conducted by the DENR within ninety (90) days after the effectivity of this Act. Any modification of the coverage of this Act due to such factors as changing ecological situations, new scientific or archaeological findings, or discovery of traditional boundaries not previously taken into account shall be made through an act of Congress, after consultation with the affected public and concerned government agencies.

Section 6. Management of Watershed Reservation – The Watershed Reservations shall be under the joint administrative jurisdiction, supervision and control of the Department of Natural Resources (DENR) and the Provincial Government of Dinagat Islands and shall be managed in accordance with sustainable development, without impairing its usefulness as source of water for domestic use and other related purposes.

Section 7. Multi-Sectoral Watershed Management Council – The DENR in collaboration with the Provincial Government of Dinagat Islands, shall create a Multi-Sectoral Watershed Management Council to act as oversight and policy-making body over the watershed in accordance with existing laws, rules and regulations.

The Management Council shall prepare an integrated watershed management and development plan to include among others, intensive restoration and rehabilitation, water quality monitoring and delineation, and buffer zone.

Section 8. Tenured Migrants – Tenured migrants shall be eligible to become stewards of portions of lands within the designated buffer and multiple-use zones. The respective Watershed Management Council of the Watershed Reservation shall identify, verify, and review all tenure instruments, land claims, and issuance of permits for resource use within the protected area and recommend the issuance of the appropriate tenure instrument consistent with the land classification, proper and allowed use of resources found therein, and zoning provided in the management or successor plans.

1 **Section 9. Appropriations** – The Secretary of the DENR shall immediately
2 include in the Department's program the implementation of this Act, the funding of
3 which shall be included in the annual General Appropriations Act.
4

5 **Section 10. Reporting Responsibility** – The Multi-Sectoral Watershed
6 Management Council shall submit an annual accomplishment report to the Secretary
7 of the DENR on the activities undertaken in the Watershed Reservations.
8

9 **Section 11. Construction and Suppletory Application of Existing**
10 **Laws** – The provisions of this Act shall be construed liberally in favor of achieving
11 environmental protection rehabilitation and sustainable development of the foregoing
12 watersheds and water resources and the conservation and restoration of biological
13 diversity taking into account the needs and interests of qualified tenured migrants, for
14 present and future Filipino generations. The provisions of Republic Act 7586,
15 otherwise known as the National Integrated Protected Areas System (NIPAS) Act of
16 1992, as amended by Republic Act 11038 (E-NIPAS Act), Presidential Decree 1067,
17 otherwise known as the Water Code of the Philippines, Presidential Decree 705
18 otherwise known as Revised Forestry Code and existing forestry laws, and their
19 corresponding rules and regulations not inconsistent hereto shall have the suppletory
20 effect in the implementation of this Act.
21

22 This Act shall not be deemed to resolve or used as basis for the resolutions of
23 any existing boundary conflict with the respective municipalities of the Province of
24 Dinagat Islands.
25

26 **Section 12. Separability Clause** – if for any reason any part or section of
27 this Act is declared unconstitutional or invalid, such other parts not affected thereby
28 shall remain in full force and effect.
29

30 **Section 13. Repealing Clause** – All laws, decrees, proclamations, rules, and
31 regulations inconsistent with the provisions of this Act are hereby repealed or modified
32 accordingly.
33

34 **Section 14. Effectivity Clause** – This Act shall take effect fifteen (15) days
35 after its complete publication in the Official Gazette or n at least 2 national newspaper
36 of general circulation.

Approved,