

The Divisional Commissioner,
5 Shamnath Marg,
New Delhi-110054

Subject: - Effective ban on plastic bags at notified places

Sir,

This refers to D.O. letter no.F.12 (266)/Env./Imp/Notification/09/3809 dated 03.03.2011 (copy enclosed) regarding blanket ban on sale, storage and use of all kinds of plastic bags in certain notified places vide Delhi Govt. notification No.: F.08 (86) EA/Env/2008/9473 dated 7th January 2009. Accordingly, the action is being taken by all notified authorities.

Recently, M/s Environment Protection Group has submitted a representation to Hon'ble Chief Minister on 12.02.2011 (Copy Enclosed) which is self explanatory and inform that the plastics has re-entered the Delhi Markets in guise of Non-Woven Bags. Shop-keepers are using them due to their Cloth-Bag-Look like quality but actually contain 98.3 % Poly-propylene (which is non-bio-degradable). They are as harmful as Plastic Bags (a piece of sample of non-woven bag is also enclosed herewith). In fact the court has also clarified on 28.08.2009 that ban will include non-woven plastic bags.

Hon'ble Chief Minister has desired on representation from M/s Environment Protection Group (enclosed herewith) that the ban on plastic bags at notified places be made more effective by stopping the use of non-woven bags as the alternate plastic bags. The points given in the said representation will further help in curbing the use of all kinds of plastic bags to make the compliance of the said notification more effective.

In view of the above, it is requested to kindly look into the matter and direct the concerned official to take suitable action to curb the use/storage/sale of plastic bags/non-woven bags in their respective jurisdiction and send the complete legal samples along with weekly progress report so that compliance of the notification could be done in true spirit.

Yours sincerely,

Dr. Anil Kumar
(Member Secretary)

Enclosures: - As above.

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Government of NCT of Delhi

Department of Environment & Forests,
6th Level, C-Wing, Delhi Secretariat,
I.P. Estate, New Delhi-110002.
Telefax: 23392029

F12(266)/Env/ImpNotification/09/1539/-/15399

Date: 15.04.2011

Minutes of meeting

Please find enclosed herewith the minutes of meeting, taken by Secretary (Env.) on 5.04.2011 regarding implementation of ban on plastic bags as per 7.01.2009 Notification, along with format for inspection report and seizure notice, for necessary action please.

Encl: As above

Copy To:-

1. Commissioner, MCD, Town Hall, Delhi-06.
2. Chairman, NDMC, Palika Kendra, Sansad Marg, New Delhi-01.
3. Divisional Commissioner, 5 Shamnath Marg, New Delhi-54.
4. Commissioner (F&CS), 207, K-Block, Vikas Bhawan, I.P Estate, New Delhi-02.
5. Member Secretary, DPCC, 4th Floor, ISBT, Kashmere Gate, Delhi-06.
6. CEO, Delhi Cantonment Board, New Delhi-10.
7. Director (Health Services), F-17, Karkardooma, New Delhi-32.
8. Director (PFA), Lawrence Road, Industrial Area, Ring Road, New Delhi-35.
9. ADM (HQ)-5, Shamnath Marg, New Delhi-54.
10. P.S. to Secretary (Env.) for information please.

20639/CMD/II
20/4/11

MS/5197
19/4/11

Yours faithfully,

(Dr. Anil Kumar)
Director (Env.)

SM/111
26/4/11
Trained

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**MINUTES OF THE MEETING REGARDING IMPLEMENTATION
OF BAN ON PLASTIC BAGS AS PER 7.01.2009 NOTIFICATION.**

A meeting was convened by Secretary (Environment) on 5.04.2011 regarding implementation of ban on plastic bags as per 7.01.2009 Notification.

List of participants is at annexure '1'.

As in the previous meeting held on 23.12.2010, the Secretary (Environment) showed his disappointment over the non-compliance of the provisions of the 7.01.2009 Notification by the implementing Agencies/ Departments. He expressed displeasure that even after a period of more than 3 months since the last meeting, the action taken reports regarding implementation have not been submitted regularly by the implementing agencies.

He emphasized that MCD and NDMC should conduct regular implementation drives in their respective market areas and target the stockists during the raids. Mother Dairy outlets which had earlier stopped using plastic bags have again started dispensing the sold items in thin carry bags. Even the weekly vegetable markets and market areas like Lodhi road and INA market must be targeted for lifting the samples.

Secretary (Environment) was also disappointed that none of the SDMs were present during the meeting and directed that a D.O. letter may be sent to Divisional Commissioner for submission of monthly reports regarding the prosecutions done in this matter.

It was also suggested that an advertisement on Dos & Don'ts with respect to 7.01.2009 Notification be published in the National dailies.

Secretary (Environment) again instructed various officers from the implementing agencies to submit the monthly action-taken reports to DPCC by 7th of every month and if the reports are not submitted by 10th, a reminder for the same shall be sent by the Department.

The format for inspection report and seizure notice is also to be sent again for reference of the designated authorities/implementing agencies.

Meeting ended with a vote of thanks to the chair.



DELHI POLLUTION CONTROL COMMITTEE
DEPARTMENT OF ENVIRONMENT, (GOVT. OF NCT OF DELHI)
4TH FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-6
visit us at : <http://dpcc.delhigovt.nic.in>

SEIZURE MEMO

Sub: Notice of intention to take sample under Environment (Protection) Act-1986.

To.
.....
.....
.....

Take notice that it is intended to take and seize samples of plastic bags which are being taken today the day of 2011 at from your premises i.e. M/s..... operating at above said address for further necessary action w.r.t. notification No. F. 08 (86) EZ/Env./2008/9473 issued on 12.01.2011 by Hon'ble L.G. Delhi under above mentioned Act.

Sign. of owner/partner/representative
of the unit

Sign. of DPCC official
Name :

Witness:-

Format for Report to be submitted to legal Cell

1	Name & address of the Unit	M/s
2	Name of the offender with fathers name and residential address & telephone number	
3	Date of Sampling	
4	Brief description of offence	
5	Name and address of witness along with telephone number	
6	Remarks, if any	
7	Enclosure : Sample & seizure memo and any other document(s): please specify	

.....
(Sign. of DPCC official)

Name :

Designation :

S.L. BATRA
Retd. S.D.M. (Civil) (in Dir. Com. Office)
Consultant in Land Records

Sub.: Implementation of Metric System in Land Records Computerization software.

The matter regarding conversion of conventional measurement units into metric system in the land records in Delhi was discussed. It is submitted that under the conventional method the land is measured by zarib (iron chain available in Sadar Kanungo office. Its total length is 41 feet 3 inches (41'- 3"). It is divided into five equal parts and each part is called gattha and its length is 8 feet 3 inches (8'-3"). The unit of length in the conventional method is called gattha.

1 gattha = 8 feet 3 inches (8' 3") or 8 3/12 feet or 33/4 feet or 11/4 yds.

The area under conventional method is measured in Biswansi, Biswa, Bigha and Acre. Mostly we do not use the Biswansi in the land record, if some area is less than half Biswa it is left and if it is more than half Biswa the area is increased by one Biswa. In Delhi the land record is maintained under the two different acts i.e. under Delhi Land Revenue Act and Delhi Land Reforms Act and the lands which are beyond the purview of DLR Acts, such land records are maintained under the Punjab Land Revenue Act like evacuee land or acquired land or other government land or public utility land or land under the MCD/other notified area. The record of RoR is under DLR Acts is called Khatoni. The record of RoR under Punjab Land Revenue Act is maintained in the jamabandi. Both serve the purposes of Record of Rights. The villages which have been covered under consolidation, the land record is maintained in mustkil called kila bandi / rectangular way. 1 mustkil = 25 acres, it is in the shape of rectangle and its total length is 1100 feet and breadth is 990 feet and its area is 1089000 sq. feet or 121000 sq. yds. This rectangle is divided into 25 parts each measuring 220 feet / 198 feet and the area is 43560 sq. feet or 4840 sq. yds. and it is equal to 1 acre. Thus, mustkil is a rectangle which has 25 equal parts of one acre and it is called khasra number with the measurement of 1 acre or 4840 sq. yds.

Under the conventional method the units of measurement are as follows: -

1. Unit of length = Gattha
2. Unit of area = Biswansi, Biswa, Bigha, Acre
3. 1 Acre = 4 Bigha 16 Biswa (4-16)



The conversion from conventional method of measurement to the British System (inch, foot & yard) is as follows: -

Unit of length: -

1 Gattha = 8 feet 3 inches or 33/4 feet or 11/4 yds. or 2 1/2 feet 3 inches.

Unit of area: -

1 Biswansi = 2.52 sq. yds.

1 Biswa = 50.42 sq. yds.

1 Bigha = 1008.4 sq. yds.

1 Acre = 4840 sq. yds.

The conversion from the British system to Metric system can be made on the basis of the following conversion from Metric system to British system and vice versa: -

1 kilometer = 0.62 mile
 1 meter = 1.09 yard
 1 centimeter = 0.39 inches
 1 mile = 1.61 k.m. or 1.609344 k.m. or 1609.344 meter
 1 yard = 0.91 meter or 0.9144 meter
 1 sq. yrd. = 0.84 sq. meter or 0.8361 sq. meter
 1 foot = 30.48 centimeters or 0.3048 meters
 1 sq. feet = 0.092903 sq. meter
 1 inch = 2.54 centimeter or 25.4 millimeter
 1 sq. inch = 6.4516 sq. centimeters
 1 hectare = 2.47 acre or 11959.882 sq. yrd.
 1 hectare = 9999.6573402 sq. meter
 1 hectare = 0.09999 sq. k.m.
 100 hectare = 247.105 acre or 1195988.2 sq. yds.
 1 acre = 0.40 hectare or 0.40469 hectare
 1 acre = 4046.724 sq. meter
 1 acre = 0.04046724 sq.k.m.
 1 sq. meter = 1.20 sq. yds.



4. 1 Bigha = 20 Biswa
5. 1 Biswa = 20 Biswansi
6. 1 Biswansi = 1/20th part of Biswa

Mustkil under Kila bandi

--- 1100 feet ---				
1	2	3	4	5
10	9	8	7	6
11	12	13	14	15
20	19	18	17	16
21	22	23	24	25

Area of 1 mustkil = 1100 x 990 feet = 1089000 sq. feet or
 121000 sq. yard or 101168.1 sq. meter
 or 0.1011681 sq. k.m.

Area of each part of mustkil is equal to 220 feet x 198 feet = 43560 sq. feet or
 4840 sq. yds. or 4046.724 sq. meter or 0.004046724 sq. k.m.

The length of each part is 26 2/3 gattha and breadth is 24 gatthas = 198 feet or 66 yards.

1 Acre = 4 Bigha 16 Biswa (4-16) or 96 Biswa or 4840 sq. yds.
 or 4046.724 sq. meter or 0.004046724 sq. k.m.

1 Biswansi = 1/20th part of Biswa = 50.42/20 = 2.52 sq. yds. or
 2.107 sq. meter

1 Biswa = 4840/96 = 605/12 = 50.42 sq. yds. or 42.156162 sq.
 meter

1 Bigha = 20 Biswa or 50.42 sq. yds. x 20 biswa = 1008.4 sq.
 yds. or 843.12324 sq. meter

843.12324
 505.87
 137.25324



1 sq. k.m. = 0.39 sq. mile
1 sq. mile = 2.59 sq. k.m. or 2.58999 sq. k.m.
1 sq. mile = 258.999 hectare
1 Biswansi = 2.52 sq. yrd. or 2.107 sq. meter
1 Biswa = 50.42 sq. yds. or 42.156162 sq. meter
1 Bigha = 1008.4 sq. yds or 843.12324 sq. meter
1 sq. k.m. = 100 hectare
1 gattha = 11/4 yds. or 2.50 meter
1 meter = 1.09361 yard
1 Gattha = 8 feet 3 inches or 33/4 feet or 11/4 yds. or 2 yard 2 feet 3 inches or 11/4 yds. or 2.50 meter
1 Biswansi = 1/20th part of Biswa or 50.42/20 or 2.52 sq. yds. or 2.107 sq. meter
1 Biswa = 20 Biswansi or 50.42 sq. yds. or 42.156162 sq. meter
1 Bigha = 20 Biswa or 1008.4 sq. yds or 843.12324 sq. meter
1 Acre = 4 Bigha 16 Biswa (4-16) or 96 Biswa or 4840 sq. yds. or 0.40 hectare or 0.40469 hectare or 4046.724 sq.m. or 0.004046724 sq.k.m.
1 Hectare = 2.47 acre or 11959.882 sq. yrd. or 9999.6573402 sq. meter or 0.09999 sq. k.m.

In view of the directions given above a draft report in the form of reply to the Ld. Chief Secretary, Govt. of NCT of Delhi and copy forwarded to the Secretary to LG, Delhi is placed below for kind perusal, approval and orders please.



TABLE 1 : LENGTH CONVERSION TABLE				
KARIES \ GATHA	OFFICE OF THE DIVISIONAL COMMISSIONER, GOVT. OF DELHI			
1 Kari	0.28	21	52.81	
2 Kari	0.56	22	55.32	
3 Kari	0.84	23	57.84	
4 Kari	1.12	24	60.35	
5 Kari	1.40	25	62.86	
6 Kari	1.68	26	65.38	
7 Kari	1.96	26.2/3	67.056	
8 Kari	2.23	27	67.89	
9 Kari	2.51	28	70.41	
1 Gatha	2.51	29	72.92	
2	5.03	30	75.44	
3	7.54	31	77.95	
4	10.06	32	80.47	
5	12.57	33	82.98	
6	15.09	34	85.50	
7	17.60	35	88.01	
8	20.12	36	90.53	
9	22.63	37	93.04	
10	25.15	38	95.55	
11	27.66	39	98.07	
12	30.18	40	100.58	
13	32.69	41	103.10	
14	35.20	42	105.61	
15	37.72	43	108.13	
16	40.23	44	110.64	
17	42.75	45	113.16	
18	45.26	46	115.67	
19	47.78	47	118.19	
20	50.29	48	120	
1 yard = 0.9144 meter				



LENGTH CONVERSION TABLE				
GATHA	Mtrs.	Gathas	Mtrs.	
49	123.22	79	198.65	
50	125.73	80	201.17	
51	128.24	81	203.68	
52	130.76	82	206.20	
53	133.27	83	208.71	
54	135.79	84	211.23	
55	138.30	85	213.74	
56	140.82	86	216.26	
57	143.33	87	218.77	
58	145.85	88	221.28	
59	148.36	89	223.80	
60	150.88	90	226.31	
61	153.39	91	228.83	
62	155.91	92	231.34	
63	158.42	93	233.86	
64	160.93	94	236.37	
65	163.45	95	238.89	
66	165.98	96	241.40	
67	168.48	97	243.92	
68	170.99	98	246.43	
69	173.51	99	248.95	
70	176.02	100	251.46	
71	178.54	200	502.92	
72	181.05	300	754.38	
73	183.57	400	1005.84	
74	186.08	500	1257.30	
75	188.60	600	1508.76	
76	191.11	700	1760.22	
77	193.62	800	2011.68	
78	196.14	900	2263.14	
		1000	2514.60	



LENGTH CONVERSION TABLE				
GATHA	Mtrs.	Gathas	Mtrs.	
49	123.22	79	198.65	
50	125.73	80	201.17	
51	128.24	81	203.68	
52	130.76	82	206.20	
53	133.27	83	208.71	
54	135.79	84	211.23	
55	138.30	85	213.74	
56	140.82	86	216.26	
57	143.33	87	218.77	
58	145.85	88	221.28	
59	148.36	89	223.80	
60	150.88	90	226.31	
61	153.39	91	228.83	
62	155.91	92	231.34	
63	158.42	93	233.86	
64	160.93	94	236.37	
65	163.45	95	238.89	
66	165.98	96	241.40	
67	168.48	97	243.92	
68	170.99	98	246.43	
69	173.51	99	248.95	
70	176.02	100	251.46	
71	178.54	200	502.92	
72	181.05	300	754.38	
73	183.57	400	1005.84	
74	186.08	500	1257.30	
75	188.60	600	1508.76	
76	191.11	700	1760.22	
77	193.62	800	2011.68	
78	196.14	900	2263.14	
		1000	2514.60	

