Evaluation Study of the Scheme of Rainwater Harvesting

July, 2006

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Introduction

With the rapid urbanization, the demand of water in Delhi is increasing day by day. The availability of potable water is not sufficient to meet growing requirements of Delhi. Based on the present population, the water requirement of Delhi is 800 MGD (million gallons per day), whereas, the total water supply from all sources is 670 MGD. Thus, the water demand is more than what is being supplied by the Delhi Jal Board (DJB).

Delhi's main water source is the water share from neighbouring basin states like Haryana, Himachal Pradesh, Uttar Pradesh etc. Thus, the Delhi Govt. has a limitation to augment its water supply. The pressure on ground water extraction is, therefore, increasing. Unplanned withdrawal of ground water has resulted in depletion in water level and deterioration in quality of ground water. To control this declining trend, there is an urgent need to augment the ground water level through artificial measures.

The rainfall generally occurs during short spells with high intensity. Because of short duration of heavy rain, most of the rain water tends to flow away rapidly leaving very little to recharge the groundwater level. Most of the traditional water harvesting systems in the cities have been neglected and have turned into disuse, as a result worsening the urban water scenario. One of the solutions to the urban water crisis is Rainwater Harvesting by capturing the runoff and promoting the water conservation in a big way.

In areas where there is inadequate ground water or surface water resources are either lacking or insufficient, rainwater harvesting offers an ideal solution. It helps in utilizing the ground water and also prevents the runoff from going into sewer or storm water drains. Rainwater is bacteriologically pure, free from organic matter and soft in

nature. Its harvesting improves the quality of existing ground water through the process of filtration. Rainwater Harvesting also reduces urban flooding and recharging water into the aquifers. This is why the Delhi Govt. has been attaching importance to water harvesting and water conservation measures.

Keeping in view the water scarcity in Delhi, its local bodies have been asked to adopt water harvesting through storage of rainwater runoff. In Delhi, Rainwater Harvesting structures have been made mandatory for new buildings having area above 100 sq. meters. It has also been made mandatory for all non-residential buildings having discharge of 10000 liters per day to incorporate a waste water recycling system for further reuse in horticulture etc.

Delhi Jal Board (DJB) has been identified as the nodal agency to impart all technical assistance needed for water harvesting structures in consultation with Central Ground Water Board (CGWB).

The scheme and Need & Objective of the Study

Delhi Govt. initiated a financial assistance scheme in December 2002 for implementing Rainwater Harvesting in South and South West Delhi. Accordingly, this scheme, grant in-aid was to be given by Delhi Jal Board to registered Resident Welfare Associations (RWAs)/Cooperative Group Housing Societies (CGHS) of South and South West District of Delhi only. Later on in August, 2004, this scheme was extended to entire Delhi except for few places in North West, West and North East Distt. Also this scheme of financial assistance has been made applicable to recognized private / Govt. Schools, Hospitals, Charitable Institutions and NGO Buildings etc. for adopting Rainwater Harvesting (RWH).

Under the scheme of Rainwater Harvesting, financial assistance is provided to the RWAs/CGHS/Institutions etc. to the extent of 50% of total cost of the Rainwater Harvesting structures or Rs.50,000/- which ever is less. Individuals are not eligible to avail financial assistance for adopting RWH structures.

Procedure to Avail Financial Assistance under the Scheme: At the initial stage, the place where the RWH structure has to be constructed and the area to be covered under the scheme are identified and also ear marked in the plan of the locality. After this, the design of RWH structure is got approved from the Central Ground Water Board (CGWB). To execute the work of RWH structure, most competitive estimates are obtained from agencies who are involved in this field. Detailed estimates of the work to be executed are submitted by the concerned RWAs/CGHS etc. directly to the Executive Engineer (RWH), DJB or through the area Zonal Engineer alongwith the relevant documents. After completion of the work of RWH structure as per design approved by the CGWB, the concerned RWAs/CGHS etc. apply to the Delhi Jal Board to get financial assistance. The financial assistance is provided only after the completion of the RWH structure as per approved design and to the satisfaction of

the Committee comprising the officers from UD Deptt., Finance Deptt., C.M. Office, Delhi Jal Board and CGWB (Officer In-charge, Delhi Unit) under the Chairmanship of Member (WS), DJB. Further, before getting the financial assistance, the RWAs/CGHS etc. have to enter into an agreement with the Govt. that the proper maintenance of the RWH structure would be ensured by them at all time.

<u>Physical and Financial Performance:</u> Under the scheme of Rainwater Harvesting, the physical achievement since the inception of the scheme is as under:

Year	No. of applications received	No. of applications accepted / approved	No. of Rainwater Harvesting structures completed where subsidy has been provided
2002-03	13	12	5
2003-04	44	29	20
2004-05	93	70	51
2005-06	52	17	14
Total	202	128	90

It was revealed from the discussion with the Executive Engineer (RWH) that the main reason for rejection of applications were unregistered society / unapproved design / non-entitled area for construction of RWH structure / plot of land for the proposed structure belonging to individual etc.

Out of 128 requests accepted / approved for adopting Rainwater Harvesting, the subsidy (financial assistance) has been given to 90 RWAs/CGHS (Annexure-III) whose structures were completed as per approved design of Central Ground Water Board. The subsidy has not been released to remaining 38 cases due to incomplete construction of the RWH or construction of the structures were not as per the approved design of CGWB or DJB's team suggested some modification in the structure as per approved design by CGWB.

During different years of implementation of the scheme, the financial achievement under the same is as under:-

(Rs. in lac)

Year	Fund released by Delhi Govt. to DJB	Expenditure incurred by DJB			
2002-03	19.0	9.68 (Financial Assistance + Promotion)			
2003-04	42.00	4.50 (Financial Assistance)			
2004-05	22.50	27.15 (Financial Assistance)			
2005-06	11.25	11.14 (Financial Assistance + Promotion)			
Total	94.75	52.47			

The main component of the expenditure under the scheme is financial assistance (subsidy) provided to RWAs/CGHSs etc. where RWH structures were constructed as per approved design of CGWB. For the promotion of the scheme, it was informed by the Executive Engineer (RWH) that during the year 2002-03 when the scheme was launched, expenditure was also incurred for publicity/ promotion of the scheme by distributing literatures / pamphlets etc. During 2005-06, the expenditure was also made for the preparation of the Re-charge Models and display of the same in workshops on Rainwater Harvesting for the promotion of the scheme.

For the 90 RWH structures completed during 2002-03 to 2005-06, Rs. 43.17 lac has been released as subsidy / financial assistance to the concerned RWAs / CGHS / Institute etc. and the remaining amount of Rs.9.30 lac have been spent for promotional activities.

Need & Objective of the Evaluation Study: This study has been undertaken at the instance of Pr Secretary (Finance/Planning) who has desired to know the effectiveness and extent of work done under DJB's scheme of Rainwater Harvesting since its inception. Besides this, the objective was also to check the position of maintenance of the RWH structures constructed, opinion of the office bearers of the RWAs/CGHS about the scheme, etc.

Field Survey & Findings

For the purpose of the study, 10 RWH structures out of 90 completed structures (for which subsidy / financial assistance have been released to the concerned RWAs/CGHS) were selected which were visited by the field staff of the Planning Deptt. Out of 10 RWH structures visited by the field staff, 5 are in South West, 2 in South, 2 in West and 1 in North East region of Delhi covering the area where the scheme is in operation in Delhi. Out of these 10 RWH structures, 8 structures are in the premises of RWAs/ CGHS and 2 are in the Institutions (Annexure-II). A Questionnaire for gathering information during the survey from the office bearers of the RWAs/CGHS etc. is at Annexure 'A'.

<u>Findings of the Survey:</u> Based on the field visit made by the Field Staff of the Planning Department and the information gathered by them from the office bearer (i.e. interviewee) of the RWAs/CGHS/Institutions etc. concerned with the above 10 sampled RWH structures, the summary of the findings are as under:

- i) Out of the 10 places / localities visited, 6 are having two recharge pits each, 2 are having three recharge pits each and remaining 2 are having single recharge pit each for rainwater harvesting.
- ii) At 6 locations, interviewees informed that the availability of water is adequate whereas 4 reported that the availability of water is inadequate.
- iii) At all the 10 locations, tubewells also exist in the premises of the society.
- iv) In case of 6 RWH structures, approval for adoption of the RWH work was provided by the DJB within 15 days to 2 months of the requests received from the interested agencies, whereas, in case of 4 RWH structures the societies adopted RWH with their self initiatives and hence, no formal prior approval was taken by them from the DJB for adopting the work on rainwater harvesting.

- v) According to the scheme, all the RWAs/CGHS got the approval of the design of the RWH structure from the Central Ground Water Board (CGWB). Out of 10 RWAs/CGHS, 6 reported getting approval of the design of the RWH within 1 month, 1 reported within 2 months and the remaining 3 could not report the time taken for getting approval from the CGWB.
- (vi) The Delhi Jal Board team visited the localities where RWH structures have been constructed to check whether the construction of the same was as per the approved design by CGWB, before releasing the financial assistance.
- (vii) In case of 4 RWH structures, financial assistance was provided to the concerned RWAs/CGHS within 3 months after informing the Delhi Jal Board regarding completion of the RWH structure alongwith relevant documents, whereas, in case of 3 RWH structures, the time taken for providing financial assistance was in between 4 to 8 months. For the remaining 3 cases, the time taken to provide financial assistance was more than 8 months.
- (viii) The office bearers of 5 out of 10 RWAs/CGHS expressed their satisfaction regarding assistance provided by DJB and CGWB for the construction of RWH structures. In case of 3 RWH structures, the office bearers informed that the quality of assistance was not upto the mark and they desired that site visit by DJB and CGWB representatives should be made compulsory to give all technical assistance before starting construction so that the entire work may be executed accordingly and any modification/alteration after the completion of the construction work may be avoided.
- (ix) It revealed from the list of 90 RWH structures for which financial assistance have been provided that the cost of their construction ranged from Rs.60,000/-to Rs.10,86,087/-. The cost of construction per structure was less than Rs.1 lakh in case of 17 structures, Rs.1 lakh in case of 3 structure, Rs.1 lakh to Rs.1.5 lakh in case of 53 structures and more than Rs.1.5 lakh in case of remaining 17 structures. Thus, out of 90 structures the cost of construction of RWH structures is more than Rs.1 lakh in 70 cases.

Out of the sampled RWH structures, the cost of construction was less than Rs.1 lakh in two cases so the concerned RWAs/CGHS have been provided subsidy less than Rs.50,000/- according to the norm of the scheme. In remaining 8 cases, the cost of construction was above Rs.1 lakh where subsidy has been provided Rs.50,000/- as per the provision of the scheme.

(x) Maintenance:

As per the clause of agreement entered between the Society (relating to the RWH structure) and the DJB, the maintenance of RWH system is to be made in every six month – before the on-set of monsoon and after the monsoon is over, to ensure that there is no clogging of filter media and also slots of bore pipe. All the 10 interviewees informed that every year DJB sends a letter to remind them to do the maintenance of RWH structure. As regards maintenance, the most of the interviewees informed that they do the maintenance every year.

After opening the cover of the recharge pits of the 10 sampled structures, it was observed that in some cases, heap of soil was present in the recharge pits and due to this the boulders, gravels etc. were not visible there which may result in clogging of filter media and slots of bore pipe. This implies that the proper awareness at societies' level is required to maintain the RWH system in every six month before the on-set of the monsoon and after monsoon is over.

(xi) Cost of maintenance

Four out of ten interviewees informed that they generally get maintenance of the RWH structure done with the help of manpower available with the Societies maintenance staff and hence no separate cost of maintenance was indicated by them. However, 3 interviewees have intimated that the cost of one time maintenance comes in between Rs.600/- to Rs.2500/- per annum

- whereas other three informed that the maintenance cost comes in the range of Rs.3000/- to Rs.7500/- per annum.
- (xii) After the commissioning of the RWH system, the DJB team had visited six locations and the CGWB team had inspected three locations, out of the 10 sampled RWH structures.
- (xiii) Impact Assessment: All the 10 respondents interviewed expressed that ground water level has not depleted further in their locality after adoption of RWH system, because, they did not have to further deepen their tubewells in their localities. According to them, the public of the locality is getting benefited due to recharging of the ground water which is being tapped by them for watering plants, cleaning purposes etc. It was also informed by most of them that RWH scheme has created awareness among the public for avoiding wastage of water and also for adoption of conservation of water.
- (xiv) All the 10 interviewees have opined that the scheme should be promoted.

Recommendations

- (i) Keeping in view the requirement of water conservation in Delhi, it is necessary to promote the scheme of Rain Water Harvesting in a big way through various electronic/mass media measures.
- (ii) Presently, the adoption of rain water harvesting by various societies/institutions etc are very limited. The objective of ground water recharging will be served in a better way if all the institutions (school, colleges, universities, academic institutions, hospitals etc), office complexes, societies (Govt./Private) etc. which are covering large areas and having the scope of better rain water harvesting, adopt rain water harvesting.
- (iii) Though it has been made mandatory to adopt rain water harvesting structures for the new buildings having area above 100 Sq. Mtrs, but it is practically not being implemented. In order to make this provision effective, the concerned building sanction plan authorities in Delhi (viz MCD, NDMC, DDA etc) should be made responsible for implementing the scheme by making compulsory a RWH structure in such premises while sanctioning the building plan and also monitoring the implementation of the same by the concerned agency.
- (iv) Effectiveness of the scheme should be monitored by the Delhi Jal Board from time to time to achieve its desired goal. Simultaneously, the DJB should provide technical guidance for its proper maintenance wherever necessary.
- (v) Before getting subsidy under the scheme of Rain Water Harvesting, the concerned RWAs/CGHS/institution has to enter into an agreement with the Govt. to ensure proper maintenance of the RWH structure after its commissioning. It seems that proper maintenance is not being made resulting the defeat the very purpose of the scheme. It is suggested that if

- proper maintenance of the RWH structure is not being made by the concerned RWAs/CGHS etc., a penalty may be imposed by DJB or the concerned water supply agency.
- (vi) It is revealed that in case of 70 RWH structures, the cost of construction was more than Rs.1 lakh per structure. The scheme was launched in the year 2002 with the pattern of assistance of Rs.50,000/- or 50% of the cost of construction of RWH structure, whichever is less. Keeping in view, the rate of inflation since the launching of scheme in Dec., 2002 and cost involved per RWH structure, it is suggested that pattern of financial assistance may be revised to Rs.60,000/- or 50% of the cost of construction of RWH structure, whichever is less.

Annexure-III

Detailed address, Cost of construction and subsidy provided in respect of 90 RWH structures in Delhi

S. No.	Name & Full Address, Tel. No. etc. of the beneficiary	Date of completion of the work	Cost of the Water storage created	Subsidy provided for the work under the scheme
1.	Diesel Shed C.G.H.S. Ltd. Plot No. 26, Sec. 10, Dwarka, New Delhi # 22210908	Mar. 2003	1,49, 000/-	Rs 50,000/-
2.	Navakairali C.G.H.S. Ltd Plot No. 10, Sec.3 Dwarka, New Delhi	Feb. 2003	1,25,000/-	Rs. 50,000/-
3.	CBIP C.G.H.S. Ltd / Plot No. 8B Sec. 7 Dwarka, New Delhi # 26875017	Mar. 2003	1,42,000/-	Rs. 50,000/-
4.	Air Force & Naval Officer's C.G.H.S. Ltd Plot No 11 Sec. 7 Dwarka, New Delhi # 25006104	Mar. 2003	2,00,500/-	Rs 50,000/-
5.	Civil Supplies C.G.H.S. Ltd Plot No. 6 Sec. 4 Dwarka, New Delhi	Mar. 2003	77,500/-	Rs. 38,750/-
6.	New Ashiana C.G.H.S. Ltd Plot No.10 Sec. 6 Dwarka, New Delhi. # 9868101437	July 2003	1,22,000/-	Rs. 50,000/-
7.	Shubh Laxmi C.G.H.S. Ltd Plot No. 13 B Sec. 6 Dwarka, New Delhi # 25087195	July 2003	2,90,000/-	Rs. 50,000/-
8.	External Affair Employees C.G.H.S. Ltd Plot No. 24 Sec. 4 Dwarka, New Delhi# 25355504	July 2003	2,22,000/-	Rs. 50,000/-
9.	The Chirag C.G.H.S. Ltd / Chirag Enclave New Delhi # 26415324	Sept. 2003	1,70,000/-	Rs 50,000/-
10.	Great Capital C.G.H.S. Ltd Plot No. 15 Sec. 6 Dwarka, New Delhi # 25080801	Nov. 2003	1,15,000/-	Rs. 50,000/-
11.	Anant C.G.H.S. Ltd Plot No.25 A Sec.4 Dwarka # 26567181 / 26567182 / 26567183	Nov. 2003	1,10,000/-	Rs. 50,000/-
12.	Rashtrapati Bhawan C.G.H.S. Ltd / Plot No. 3 Sec. 10 Dwarka, New Delhi# 25080312	Feb. 2004	1,18,000/-	Rs.50,000/-

13.	Anusandhan C.G.H.S. Ltd Plot No.22 Sec.6 Dwarka, New Delhi# 25083895	Feb. 2004	1,00,000/-	Rs.50,000/-
14.	R. D. Appartment C.G.H.S. Ltd # 25080652 Plot No.20 Sec.6 Dwarka, New Delhi	Jan. 2004	1,05,000/-	Rs. 50,000/-
15.	H.M.M. Employees C.G.H.S. Ltd Plot No. 6 Sec. 10 Dwarka, New Delhi	Dec. 2003	85,000/-	Rs. 42,500/-
16.	Vasuandhara Appartment C.G.H.S. Ltd # 25080753	Feb. 2004	1,05,000/-	Rs. 50,000/-
17.	South Delhi Residents C.G.H.S. Ltd Plot No. 8 Sec. 4 Dwarka, New Delhi # 9811388408	Dec, 2003	90,000/-	Rs. 45,000/-
18.	Bandhu Vihar C.G.H.S. Ltd Plot No. 11 Sec.10 Dwarka, New Delhi # 25084927	Feb. 2004	1,36,000/-	Rs. 50,000/-
19.	Vidhut C.G.H.S. Ltd Plot No. 2 Sec.12 Dwarka, New Delhi	Feb. 2004	1,30,000/-	Rs. 50,000/-
20.	Shree Ganesh C.G.H.S. Ltd L/WA-6, Palam Dabri Road, New Delhi-45	Oct. 2003	1,22,000/-	Rs. 50,000/-
21.	Gayatri C.G.H.S. Ltd Plot No. 9 Sec. 9 Dwarka, New Delhi# 25096072 / 4678612	Mar. 2004	1,32,000/-	Rs. 50,000/-
22.	Nuovo Engineers India Ltd. C.G.H.S. Ltd Plot No. 25 Sec.10 Dwarka, New Delhi # 9818970747 /26102121/ 26102673	Mar. 2004	83,598/-	Rs. 41,799/-
23.	St. Colombo C.G.H.S. Ltd Plot No.15 Sec. 7 Dwarka, New Delhi	Sept. 2004	1,00,000/-	Rs. 50,000/-
24.	Upkari C.G.H.S. Ltd / Plot No. 9 Sec.12 Dwarka, New Delhi # 25096680.	Oct. 2004	85,000/-	Rs. 42,500/-
25.	Rajat Jain C.G.H.S. Ltd Plot No. 34 Sec. 6 Dwarka, New Delhi # 25089724	Aug. 2004	1,30,000/-	Rs. 50,000/-
26.	Sh. Balaji C.G.H.S. Ltd / Plot No. 7 Sec. 3 Dwarka, New Delhi # 25097015	Sept. 2004	1,30,000/-	Rs. 50,000/-
27.	Suruchi C.G.H.S. Ltd Plot No. 31 Sec. 10 Dwarka, New Delhi	Aug. 2004	1,30,000/-	Rs. 50,000/-

28.	Mother Dairy C.G.H.S. Ltd Plot No 34 Sec. 10 Dwarka, New Delhi	Feb. 2004	79,000/-	Rs. 39,500/-
29.	Niji C.G.H.S. Ltd / Plot No 40 B Sec.10 Dwarka , New Delhi # 25096072 / 4678612 # 25743876	Oct.2004	68,500/-	Rs. 34,250/-
30.	Surya C.G.H.S. Ltd Plot No 14 Sec. 6 Dwarka, New Delhi # 25085550	Aug. 2004	1,12,600/-	Rs. 50,000/-
31.	NPSC C.G.H.S. Ltd / Plot No. 5 Sec. 2 Dwarka, New Delhi # 25089746 / 27941551	July 2004	1,83,300/-	Rs. 50,000/-
32.	Ayudh Vihar C.G.H.S. Ltd Plot No. 3 Sec. 13 Dwarka, New Delhi # 25089172/ 25089173- 25089174	Aug. 2004	1,19,990/-	Rs. 50,000/-
33.	Param Puneet C.G.H.S. Ltd / Plot No.27 Sec. 6 Dwarka , New Delhi # 25074212	Feb. 2004	94,000/-	Rs. 47,000/-
34.	Maha Laxmi C.G.H.S. Ltd # Plot No. 4 Sec. 2 Dwarka , New Delhi 25095120	Mar - 2004	1,60,000/-	Rs. 50,000/-
35.	Business & Professional Women's C.G.H.S. Ltd Kaveri Apptt. Alaknanda, New Delhi- 19 # 26024582 / 9810634416	Oct. 2004	1,22,160/-	Rs. 50,000/-
36.	Anand Lok RWA August Karanti Marg, New Delhih-49# 26261768	Aug. 2004	1,39,724/-	Rs. 50,000/-
37.	Sarita Vihar Mahilla Mandal C.G.H.S. Ltd / Sarita Vihar , DDA Colony # 26952032	Oct. 2004	60,000/-	Rs. 30,000/-
38.	K.K. C.G.H.S. Ltd / Plot No. 4 Sec. 9, Dwarka, New Delhi # 30930553	Nov. 2004	1,30,000/-	Rs. 50,000/-
39.	Gauri Apptts. Owners Asso. 3-4 , South End Lane N. Delhi # 23012884 / # 23012638	Sept. 2004	1,09,084/-	Rs. 50,000/-

40.	Kaveri C.G.H.S. Ltd / Plot No. 4, Sec. 6, Dwarka New Delhi #25080803 / 25087116	Nov. 2004	1,80,000/-	Rs. 50,000/-
41.	Sargodha Vihar C.G.H.S. Ltd / Plot No. 13, Sec. 7 Dwarka New Delhi # 25089291	Nov. 2004	2,22,000/-	Rs. 50,000/-
42.	Prabhavi C.G.H.S. Ltd Plot No. 29 B, Sec. 10 Dwarka New Delhi	Nov. 2004	1,20,000/-	Rs. 50,000/-
43.	Satisar C.G.H.S. Ltd / Plot No. 6, Sec. 7 Dwarka New Delhi # 24673147	Nov. 2004	3,10,000/-	Rs. 50,000/-
44.	The Himachal Dhauladhar C.G.H.S. Ltd Plot No. 15, Sec. 5 Dwarka New Delhi	Oct. 2004	1,10,000/-	Rs. 50,000/-
45.	Akash Ganga C.G.H.S. Ltd / Plot No. 17, sec. 6 Dwarka New Delhi # 23017978	Nov. 2004	1,70,000/-	Rs. 50,000/-
46.	Aashirwad Apptt. C.G.H.S. Ltd / Plot No. 11, Sec. 12 Dwarka New Delhi # 25714762	April 2004	1,50,000/-	Rs. 50,000/-
47.	Defence land & Contonments services. C.G.H.S. Ltd Plot No. 8, Sec. 12 Dwarka New Delhi	Nov. 2004	1,25,000/-	Rs. 50,000/-
48.	The Shiv Shankar C.G.H.S. Ltd / Plot No. 10 A, Sec. 9 Dwarka New Delhi # 981055188	Dec, 2004	72,542/-	Rs. 36271/-
49.	Vishwas Ngr. C.G.H.S. Ltd / Plot No. 6A, Sec. 23, Dwarka, N. Delhi # 25366984	Dec, 2004	76,660/-	Rs. 38,330/-
50.	Nishkam C.G.H.S. Ltd / Plot No. 23, Pkt. 6 Nasir pur Dwarka New Delhi # 25035270	Dec, 2004	1,23,390/-	Rs. 50,000/-
51.	Shital Vihar. C.G.H.S. Ltd / Plot No. 10, Sec. 23 Dwarka New Delhi # 25366175	Dec, 2004	2,00,000/-	Rs. 50,000/-
52.	Rao. C.G.H.S. Ltd. / Plot No. 2, Sec. 23 Dwarka New Delhi # 9891492905	Jan. 2005	1,42,770/-	Rs. 50,000/-
53.	Rajni Gandha C.G.H.S. Ltd./ Plot No. 4, Sec. 10 Dwarka New Delhi # 25080838 # 25086772 / 25093088	Dec, 2004	1,15,000/-	Rs. 50,000/-
54.	Shama C.G.H.S. Ltd. Plot No. 32, sec. 10 Dwarka New Delhi	Oct-2004	1,22,701/-	Rs. 50,000/-

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55.	Aditi Apptt. C.G.H.S. Ltd. / D-block Janak puri, N. Delhi New Delhi # 28522410	Dec-2004	77,000/-	Rs. 38,500/-
56.	IES Officers C.G.H.S. Ltd. Plot No. 9, Sec. 4, Dwarka New Delhi	Oct-2004	1,28,000/-	Rs. 50,000/-
57.	I.I.T Engineers C.G.H.S. Ltd / Plot No. 12, Sec. 10 Dwarka New Delhi # 29251057	Sep-2004	1,25,900/-	Rs. 50,000/-
58.	The AIMO C.G.H.S. Ltd. / Plot No. 11, Sec. 22 Dwarka New Delhi # 25075354	Nov-2004	1,05,000/-	Rs. 50,000/-
59.	The Divya C.G.H.S. Ltd. Plot No. 21, Sec. 10 Dwarka New Delhi	Feb-2005	1,20,000/-	Rs. 50,000/-
60.	Great Layallpur C.G.H.S. Ltd. / Plot No. 35, Sec. 10 Dwarka New Delhi # 25367985	Feb-2005	1,10,000/	Rs. 50,000/-
61.	NISTADS C.G.H.S. Ltd. Plot No. 2, sec. 18 A Dwarka New Delhi	Feb-2005	1,40,000/-	Rs. 50,000/-
62.	New Adarash C.G.H.S. Ltd. / Plot No. 22, Sec. 10 Dwarka New Delhi # 25082621	Dec-2004	1,25,086/-	Rs. 50,000/-
63	The Swami Daya nand C.G.H.S. Ltd. Plot No. 5, Sec. 6 Dwarka New Delhi./ # 25816013	Feb-2005	1,20,000/-	Rs. 50,000/-
64.	Prabha C.G.H.S. Ltd Plot No. 11, Sec. 23 Dwarka New Delhi 25089044	Nov-2004	1,25,086/-	Rs. 50,000/-
65.	Sanmati C.G.H.S. Ltd. Plot No. 19, Sec. 6 Dwarka New Delhi	Nov-2004	1,20,000/-	Rs. 50,000/-
66.	The Vasudhara C.G.H.S. Ltd. Plot No. B-1, sec. 22 Dwarka New Delhi # 22452219	Feb-2005	1,00.000/-	Rs. 50,000/-
67.	Manocha Vihar C.G.H.S. Ltd. # 27046700	Feb-2005	60,000/-	Rs. 30,000/-
68.	The Anjuman CGHS Ltd. Plot No. 20, Sector 12, Dwarka,New Delhi # 22452219	March- 2005	1,05,000/-	Rs. 50,000/-
69.	Siddhartha Kunj CGHS ltd. Plot No. 17,Sector-7,Dwarka, New Delhi. # 25087086	Mar-2005	1,50,000/-	Rs. 50,000/-

70.	Himalayan C.GHS Ltd Plot No.	March-	1,02,100/-	Rs. 50,000/
, 0.	10,Sector-22,Dwarka, New	2005	1,02,100/	145. 20,000
	Delhi. # 24602767 / 25363840	2000		
71.	The WTPBE CGHS Ltd. Plot	Mar-2005	1,05,000/-	Rs. 50,000/-
	No. 5, Sector-9, Dwarka, New		, ,	,
	Delhi.			
72.	Bank Niwas CGHS Ltd Plot No.	Mar-2005	1,19,000/-	Rs. 50,000/-
	22, Sector-4, Dwarka, New Delhi			
73.	Harsukh CGHS Ltd. Plot No. 4,	April-2005	1,40,000/-	Rs. 50,000/-
	Sector 7, Dwarka, New Delhi #			
	25080974			
74.	The Patel CGHS Ltd Plot No.4,	Feb-2005	1,20,000/-	Rs. 50,000/-
	lSector-4, Dwarka, New Delhi. #			
	25085859			
75.	West End Resident Welfare	Dec-2004	4,30,005/-	Rs. 50,000/-
	Association West End Colony			
	New Delhi			
7.6	# 51663259	4 11 200 7	1 10 0001	D 5 0 0004
76.	Green Field Public School	April-2005	1,40,000/-	Rs. 50,000/-
	Dilshad Garden GTB Enclave /			
77	# 22584740 / 22118756	Man 2005	1 15 000/	Da 50 000/
77.	Lovely Home CHGS Ltd. Plot	Mar -2005	1,15,000/-	Rs. 50,000/-
	No. 5, Sector-5, New Delhi			
78.	Ratnaker CGHS Ltd. Plot No.	April-2005	1,71,000/-	Rs. 50,000/-
	21, Sector -4, Dwarka			
	#25846836 / 9810742794			
79.	Swan CGHS . Plot No.1, Sector	Oct-2004	1,75,000/-	Rs. 50,000/-
	-3, Dwarka # 25089767			
80.	Lakeview CGHS Ltd. Sunder	April-2005	2,33,100/-	Rs. 50,000/-
	Vihar, Paschim Vihar, N. Delhi			
	# 25266712			
81.	Mahavirji Trust Maharvirji Trust	April-2005	1,35,000/-	Rs. 25,000/-
02	(Regs) G. Kailash-I # 26434794	1 2007	1.05.0007	D 50 000/
82.	Sumit Vihar CGHS Ltd Plot No.	June-2005	1,05,000/-	Rs. 50,000/-
02	6, Sector-9, Dwarka # 25074146	Inc. 2005	90.2257	Do 40 162
83.	April CGHS Ltd. Plot No. 5,	June-2005	80,325/-	Rs. 40,163-
	Sector-11, Dwarka # 23074075 / 23074076			00
84.	Nav Jagriti Niketan Educational	June-2005	80,380/-	Rs. 40,190-
04.	Society Sector-23, Dwarka	June-2003	00,500/-	00 Ks. 40,190-
85.	Blind Relief Association. Lal	May-2005	80,000	Rs. 39,160/-
05.	Bahadur Shastri Marg,Near	141ay 2003	/-	163. 37,100/-
	Oberai Hotel,		,	
L	Josiul Hotel,			

86.	Ispat CGHS, Plot No. 29,	May-2005	2,43,945/-	Rs. 50,000/-
	Sector-4, Dwarka.			
87.	Nav Ketan CGHS Ltd., B-1/04,	July-2005	10,86,087/-	Rs. 50,000/-
	Azad Appartment, Sh.			
	Aurobindo Marg, N. Delhi			
88.	Prenana CGHS LTD., Plot No.	June-2005	88,220/-	Rs. 43,183/-
	13, Sector-10, Dwarka			
89.	The Young Ahoria CGHS Ltd.,	June-2005	1,32,160/-	Rs. 50,000/-
	Plot No. 2, Sector-7, Dwarka			
	Phase-I, New Delhi			
90.	Manglik CGHS Ltd., Plot No.	Aug-2005	1,10,000/-	Rs. 50,000/-
	25, Sector-6, Dwarka			