

Government of NCT of Delhi *
Department of Urban Development
10th Level C-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph-011-23392409

F.No. 16 (607)/D/W/2015/ 662-668

Dated 29/04/2016

Minutes of the meeting held under the chairmanship of Special. Secretary (UD) on 27.4.2016 (Wednesday) regarding decision on direction of PGC dated 22.03.2016 in the matter of Harish Chander Rawal Vs Chief Executive Officer, DJB

The list of officers attended the meeting is enclosed as Annexure 'A'

At the outset of meeting, Special. Secretary (UD) welcomed all the officers present in the meeting.


Background: Sh. Harish Chand Rawal approached P.G.C. for water connection at his residence because matter could not be settled between DJB and MCD on road cutting charges. PGC vide order dated 22.3.2016 directed UD Department, Delhi Govt. to settle the issue and come with solution in next hearing which is fixed for 9th May 2016.

Views of SDMC: Accordingly, the above meeting called. The representative of SDMC informed that road cutting and restoration charges are as per existing policy. In this regard, it was informed that this is a separate issue for which Pr. Secretary (UD) has already taken a meeting where it was suggested to create a revolving fund, based on actual restoration charges incurred in previous years.

Views of DJB: The basic issue in present case was regarding grant of permission by SDMC to DJB for laying of water connection at residence of aggrieved party. DJB informed that Rs.3.19 lac has already been deposited to SDMC but they are asking for Rs.21 lac.

Point of Resolution: After discussion, DJB agreed to pay the road cutting and restoration charges as per Finance Department GNCTD order No. F.8/2/2007-AC/CD/01295543/2014-15/Exp.-IV/667-796 dated 10th Sept.2014 i.e rate based on DSR 2014-12% and as per MCD Engineering Department, New Restoration Procedure. The SDMC representative also agreed. The concerned Sh. R.K.Bhattacharya, S.E.(Planning),SDMC spoke to C.E.(Central Zone) and it was assured that work would be as per policy in the New Restoration Procedure as per para 13.3.2.

Time Lines: It was also decided that once DJB deposits the amount to SDMC, it would not take more than 5 working days in granting permission to DJB for execution of above work and after that DJB will complete the work within the 30 days from the date, permission granted by SDMC.


(Dr. Pooja Joshi)
Spl. Secretary (UD/Water)

F.No. 16 (607)/D/W/2015/ 662-668

Dated: 29/04/2016

Copy for compliance to:

1. The Chief Engineer (South) Delhi Jal Board, 2nd Floor, Varunalaya, Phase-II, Karol Bagh, Jhandewalan, New Delhi.
2. The Chief Engineer, (Central Zone) South DMC, Dr. S.P.M. Civic Centre, JLN Marg, Minto Road, New Delhi.

Copy for information to:-

1. Secretary to Dy. C.M. ,6th Level, 'A' Wing, Delhi Secretariat, New Delhi.
2. PA to Pr. Secretary, UD, 9th Level, 'C' Wing, Delhi Secretariat, New Delhi.
3. P.S. to Chairman (PGC), Public Grievances Commission, Indraprastha Estate(Near ITO), Vikas Bhawan, M-Block, New Delhi
4. P.S to CEO, DJB, Varunalaya, Karol Bagh, Jhandewalan, Delhi.
5. Sh. Harish Chander Rawal, S/o late Sh. Bhag Singh Rawal, M-49,3rd floor, Kalkaji, New Delhi-110 005.


Spl. Secretary (UD/Water)

[illegible]

GOVERNMENT OF NCT OF DELHI
DEPARTMENT OF URBAN DEVELOPMENT
9TH LEVEL, C WING, DELHI SECRETARIAT
NEW DELHI - 110 002

F.No. 16(610)/UD/W/16/ 747-754

Dated: 09/05/2016

Minutes of the meeting held under the Chairmanship of Principal Secretary (UD) on 03.05.2016 regarding Revision of Water Tariff based on fair price policy and assistance to Delhi Jal Board under Non-plan.

A meeting was held under the Chairmanship of Principal Secretary, UD on 03.05.2016 at 03.00PM regarding revision of water tariff based on fair price policy and assistance to Delhi Jal Board under Non-plan.

2. List of officers who attended the meeting is enclosed herewith as Annexure 'A'.
3. As the outset of meeting, Pr. Secretary (UD) welcomed all the officers present in the meeting. DJB apprised that Board is under statutory obligation to revise Water Tariff to recover losses due to recent schemes declared by Government and to sustain services in the form of establishment cost, electricity bill, maintenance and operation of installations.
4. It was informed that Delhi Government provides subsidy to consumers. During current Financial Year 2016-17 there is a provision of subsidy of Rs. 250 crore under Non-plan towards free supply of 20 KL per month to the consumers. Delhi Jal Board has to ensure that benefit of subsidy is reaching the consumers. As regard further Financial assistance to DJB due to Non-revision of tariff, following decisions were taken:-
 - (i) DJB shall provide data on
 - a. New meters installed in the last three years yearwise.
 - b. Projected number of meters to be installed in next three years.
 - c. Details of billing efficiency in the last 3-years and projected targets for the next three years
 - d. Details of collection efficiency in last 3-years and projected collection efficiency in next 3-years.

R. Chakraverty
9.5.2016

5 It was observed that DJB have not paid loan and interest from 2013-14. Efforts should be made to repay at least the interest to the Government to begin with. Regarding sewer projects, it was observed that the plan assistance in the form of loan whereas lying of sewer is an environmental necessity and, therefore, it was observed that Government should provide grant as it does for the water schemes. Accordingly, there can be three types of grants; Maintenance Grant, Capital Grant (Water) and Capital Grant (Sewer). Accordingly, a Cabinet Note shall be put up by the Urban Development Department with details of total liability of DJB from its inception post MCD period. DJB, to submit a note to UD Department for examination.

6. It was also observed that instead of 10% water tariff every year, DJB could also work out finances on the basis of 3% annual enhancement as an alternate option.

The meeting ended with vote of thanks to the Chair.

R.C. Kesarwani
9.8.2016

(R.C. Kesarwani)
Asstt. Director (Water)

Dated: 09/05/2016

F.No. 16(610)/UD/W/16/ 747-754

Copy to:-

1. The Chief Executive Officer, Delhi Jal Board, Varunalaya, Karol Bagh, Jhandewalan, New Delhi.
2. The Special Secretary (Finance), Finance Deptt, 4th Level, Delhi Sectt., New Delhi
3. Director (Plg), Planning Department, 6th Level, B Wing, Delhi Sectt, New Delhi.
4. Joint Director (Plg), Urban Development Department, 10th Level, Delhi Sectt., ND
5. DCA, Urban Development Department, 10th Level, B Wing, Delhi Sect ND

Copy for information to:-

1. Secretary to Dy. Chief Minister, GNCTD, 6th Level, Delhi Sectt. New Delhi
2. PS to Pr. Secretary (UD), 9th Level, 'C' Wing, Delhi Sectt. New Delhi
3. PA to Special Secretary (water), UD Department

R.C. Kesarwani
9.5.2016

(R.C. Kesarwani)
Asstt. Director (Water)

ATTENDANCE SHEET

Sub: - Meeting on 03/05/2016 at 3.00 PM on – "Revision of Water Tariff based on fair price policy and assistance to DJB under Non-Plan"

Sl No	Name	Designation	Department
1.	N. Srivastava	Director, (Revenue)	DJB
2.	Pooja Joshi	Special Secretary	UD Department
3.	L.R. Meena	Joint Director (Plg.)	UD Department
4.	K.R. Naidu	Joint Director (Plg.)	Planning Department
5.	K.S. Sharma	Director (F&A)	DJB
6.	Dharampal	DCA	UD Department
7.	R.C Kesarwani	AD, (Water)	UD Department
8.	Dharampal	AD, (Planning)	UD Department
9.	L.D. Joshi	Dy. Secretary	Finance Department

R.C. Kesarwani
9/5/2016

Government of NCT of Delhi
Department of Urban Development
10th Level C-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph-011-23392343

F.No. 16 (Misc)/D/W/2015/ 720-738

Dated: - 09/05/2016

Minutes of the meeting held under the chairmanship of Pr. Secretary (UD) on 04.05.2016 regarding Master Plan of Delhi drainage System.

The list of officers who attended the meeting is enclosed as Annexure 'A'

At the outset of meeting, Pr. Secretary (UD) welcomed all the officers present in the meeting. Initiating the meeting I&FC Department gave a brief presentation on issue and events of development on need of Master plan of drainage System, decision to award the task to IIT, and present status. A report also presented on status of supply of requisite data by various stake-holders to IIT, Delhi. Chief Engineer, I&FC Department informed that a interim report has been submitted by IIT, Delhi which has been sent to stake-holders for their comments and feedback.

Pr. Secretary, (UD) invited attention of all stake-holders towards the issues raised by IIT, Delhi in last meeting held on 03.11.2015 which was basically regarding Non-furnishing of data by stake-holders to IIT. Hence, Pr. Secretary desired the present status of data of each department be recorded.

East DMC- Chief Engineer, East DMC informed that all data required by IIT has already been provided but the data is yet to be validated by IIT. The officers of East DMC have also took meeting with associates. IIT, Delhi accepted good cooperation in providing data by East DMC.

I&FC - IIT, informed that no issue is pending from I&FC Department. The validated data have been provided by I&FC Department.

PWD- It was informed that some sump data and pump data is awaited from PWD. It was decided that a technical officer from PWD should be deputed to provide all requisite data to IIT within 10 days' time.

North DMC- North DMC informed that no physical data is pending. But IIT informed that hydrological data has not been provided. It was also informed by North DMC that Barapullah basin does not fall under North DMC jurisdiction. The Chief Engineer, North DMC informed that walled city has mixed drainage system i.e. having single outlet for sewer and storm water and same shall continue. IIT to plan accordingly.

South DMC - IIT, informed that the pump data and sump data is not available. There is no information on number of drains coming to sump and discharge through pump. It was decided that South DMC should depute officer's well acquaintant with the matter to IIT and ensure that all data is provided within 10 days' time. It was also suggested that South DMC may identify flood vulnerable points and should be categorized as red, yellow and green zone

DDA - No representative attended the meeting from DDA. IIT, Delhi informed that the network of drainage system is missing as no data has been provided. They informed that mapped data is required and atleast S.E. level officer should be deputed. it was decided that a DO letter will be send to Vice Chairman DDA to provide all relevant data in 10 days' time.

DSIIDC & Delhi Cantt. Board- No representative attended the meeting from DSIIDC & Delhi Cantonment Board. IIT informed that no pump data provided by DSIIDC & Delhi Cantonment Board.

DIAL - Pump and sump both data is yet to be received from DIAL. The representative from DIAL informed that AutoCAD data has already been provided. IIT informed that dimensions have not been mentioned and there is missing data. The data on earlier drain is not available. DIAL was advised to provide all requisite data within 10 days' time.

R. K. Choudhary
- 9.5.2016

GSDL- The data on water body is given by GSDL but IIT informed that the accuracy level is difficult. There is also no mention the dept of water bodies. After discussion it was decided that IIT should consider average dept 2 meter for their study. Additionally I&FC Department /Revenue Department agreed to provide average dept and volume to IIT. It was also decided that departments will interact with GSDL to understand the things and finalize data.

DJB- No representative attended the meeting from DJB. IIT, Delhi was advised to invite engineer from DJB and North DMC to finalize data for walled city area.

Indian metrological Department - IIT informed that sufficient data has not been provided by IMD. The representative from IMD informed that data has already been provided for 30 years. The data for 10 - 11 base years could not be provided as record is not available. It was decided that both i.e. officials of IMD & IIT will sit together to sort out the issue.

In addition of above following decisions were also taken.

1. The Next meeting on above subject will be held in first week of June, 2016 at IIT, Delhi.
2. IIT, Delhi should consider to organize a training conference for all stake-holders.
3. The report should design the drainage system for a longer period and vulnerable points of airport, traffic crossings hospitals etc. to be mapped. In this regard Chief Engineer, of each DMC to provide data on vulnerable points, scale them and find out catchment area. It was also decided that Chief Engineer, East DMC will coordinate and assist in finalizing vulnerable points and mapping.
4. After sorting out inter departmental issues, of the interim report submitting IIT will be implemented with the approval of Government

The meeting ended with vote of thanks with to the chair.

(R.C. Kesarwani)

Asstt. Director (Water)

F.No. 16(Misc)/D/W/15/ 720-738

Dated:- 09/05/2016

Copy to:-

1. The Secretary, I&FC Department, Govt. of NCT of Delhi, 5/9, Under Hill Road Delhi-110054.
2. The Chief Executive Officer, Delhi Jal Board, Varunlaya, Karol Bagh, Jhandewalan, New Delhi.
3. The Managing Director, GSDL, 3rd Floor, Vikas Bhawan-2, New Delhi.
4. The Engineer in Chief, PWD, MSO Building, ITO, I.P. Estate, New Delhi.
5. Eng-in-Chief, South Delhi Municipal Corporation, Dr. S.P.M. Civic Centre, New Delhi.
6. Eng-in-Chief, North Delhi Municipal Corporation, Dr. S.P.M. Civic Centre, New Delhi.
7. Eng-in-Chief, East Delhi Municipal Corporation, Patparganj Industrial Area, Delhi.
8. Engineer Member, DDA, Vikash Sadan, INA, New Delhi.
9. The Chief Engineer, I&FC Department, L.M. Bund, office complex, Shastri Nagar, Delhi-31
10. Project Director, DSIIIDC, 3rd Floor, MCD House Tax Building, Rind Road, Lajpat Nagar, New Delhi.
11. Chief Engineer, (Roads), NDMC, Room No. 1512, 15th Floor, Palika Kendra, Connaught Place, New Delhi.
12. Mrs. Surendra Kaur, Dy. Director, Indian Metrological Department, Govt. of India, Mausam Bhawan, Lodhi Road, New Delhi.
13. Prof. A.K. Gosain, Consultant, MPD, IIT Delhi, Civil Engineering Department, Hauz Khas, New Delhi.
14. General Manager, Strategic Planning, Delhi International Airport Pvt. Ltd, New Uddan Bhawan, Opposite terminal-3, Indira Gandhi, International Airport, New Delhi.

Copy for information to:-

1. The Secretary to Dy. Chief Minister, Delhi, GNCTD, 6th Level, Delhi Secretariat, New Delhi.
2. Additional Secretary to Chief Minister, Delhi, GNCTD, 3rd Level, Delhi Secretariat, New Delhi.
3. PPS to Pr. Secretary, UD, 9th Level, Delhi Secretariat, New Delhi.
4. PA to Special Secretary, (UD-II), 9th Level, Delhi Secretariat, New Delhi.
5. PA to Special Secretary (UD-III), 10th Level, Delhi Secretariat, New Delhi.

(R.C. Kesarwani)

Asstt. Director (Water)

ATTENDANCE SHEET**Sub: - Meeting on 04.05.2016 at 4.00 PM "Master Plan on drainage System"**

Sl No.	Name	Designation	Department	Contact & Mail Address
1.	A. Anbarasu	Development Commissioner	Development	9868020552
2.	A.K. Gosain	Professor	IIT, Delhi	9810944776
3.	Rakesh Khosa	Professor	IIT, Delhi	9810457772
4.	V.K. Jain	C.E.	I&FC	9958827111
5.	Pradeep Khandelwal	CE, SHN	EDMC	9717788004
6.	K. Murugan	AGM	GSDL	9810230534
7.	Dr. Surinder Kaur	DDGM (H)	IMD	43824223
8.	Sanjay Kr. Jain	Chief Engineer	North DMC	9717788444
9.	R.K. Bhattacharya	S.E.	SDMC	8800696716
10.	Jagdish Kumar	S.E.	Civil Circle-10	9650844449
11.	Sanjay Saxena	S.E.	I&FC	9868261111
12.	Anil kr. sharma	S.E. (E&M)	SDMC	9717787777
13.	T.R. Meena	S.E.	NDMC	9810681155
14.	Mukesh Meena	S.E.	PWD	9818844022
15.	Vijay Singh	E.E. (Civil)	DJB	9650290958
16.	Ram krishna	E.E.	SDMC	9717788578
17.	Mukesh Kumar	E.E. CD-XIV	I&FC	9958890114
18.	Mohd. Idris Ali	A.E.	SDMC	9810079759
19.	Shiv Kumar	A.E.	I&FC	9716034343
20.	Kulvendra Yadav	A.O.	GSDL	9818027374
21.	N.S. Grover	A.E.	EDMC	9717788176
22.	C.B. Prasad	General Manager	DIAL	9910696131
23.	Pallavi Tomar	Executive	GSDL	9818316160
24.	Hemlata Bharwani	Scientist (B)	IMD	9764737291
25.	Anupriya	Research Scholar	IIT, Delhi	8800369532
26.	Harsh Yadav	Research Scholar	IIT, Delhi	9555669282
27.	Satish Kumar	Research scholar	IIT, Delhi	9540247363

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Department of Urban Development
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F.No. 16(505)/UD/W/16/ 749-806

Dated:- 19/05/2016

Minutes of the meeting held under the chairmanship of Pr. Secretary (UD) on 06.05.2016 to review DJB projects.

A meeting was held under the chairmanship of Pr. Secretary, UD on 06.05.2016 at 11.30 AM. To review the projects of Delhi Jal Board.

2. The list of officers attended the meeting is enclosed as Annexure 'A'
3. At the outset of meeting, Pr. Secretary (UD) welcomed all the officers present in the meeting. Delhi Jal Board informed that basic projects being executed are under two categories i.e. water projects and sewerage projects. The status of both category as projects informed by respective officers of Delhi Jal Board are as per below.

4. Major Water Projects

- (a) **Development of Chandrawal treatment plant-** The projects is externally aided Under JICA Funding. The total cost of project is Rs. 2018 Crore and DPR has already been sent to Urban Development Ministry and approved awaited. In this regard it was decided that a letter will be sent to Ministry to expedite the approval early. The DJB will send a detail note in this regard.
- (b) **Wazirabad WTP** - For this project, consultant to be appointed. DJB has taken up the project of improvement of Water Services in Wazirabad Water Treatment Plant (WTP) command area funding under Loan from ADB.
- (c) **Mehrauli & Vasant Vihar Project** - The civil structure of this project has been completed but further work has been stopped for want of road cutting permission from MCD & PWD. It was decided that the project specific meeting will be called to sort out all issues relates to specific projects. DJB will send a note in this regard.
- (d) **Malviya Nagar** - This project is funded on sharing basis with 70% DJB share and 30% operators share. The project is already 2 year delayed. It is a PPP based Pilot Project for improving the efficiency of water Network under Malviya Nagar UGR command area. Till date, there is 40 % progress. The basic hindrance in project is non-availability of labor and pending permission on road cutting. It was appraised that road restoration is a Issue with PWD. It was decided that a meeting with PWD will be convened to sort out the issues.
- (e) **Nangloi** - It is also a PPP based Project to Improve & Revamping of existing Water Supply, Transmission & Distribution Network. It was informed that there is good progress in project and as on date 8 % progress has been achieved. 250 Km line has also been laid. The DJB, fund share yet to be started.

5. Major Sewerage Projects

- (a) **Laying of Interceptor sewers along Najafgarh (Pkg-1), Dwarka & Papankalan** - The projects has been completed and commissioned.
- (b) **Laying of Interceptor sewers along Najafgarh drain (Pkg-2), Nilothi & Keshopur** - The progress is 92% and It is expected that the projects will be completed by 2016.
- (c) **Laying of Interceptor sewers along Najafgarh & supplementary drain (Pkg-3), coronation pillar** - The progress is 78% and it is expected that the projects will be completed by 2016.
- (d) **Laying of Interceptor sewers along supplementary drain (Pkg-4), Rithala** - The progress is 72% and it is expected that the projects will be completed by 2016. Project has been partially commissioned.
- (e) **Laying of Interceptor sewers along Shahdara drain (Pkg-5), Yamuna Vihar** - The progress is 63% and it is expected that the projects will be completed by 2016.

R. Chaturvedi
19.5.2016.

- (f) **Laying of interceptor sewers along shahdara (Pkg-6), Kondli** – The progress is 81% and it is expected that the projects will be completed by 2016. Project has been partially commissioned.
- (g) The projects under Yamuna Action Plan (YAP-III) under JICA funding. It was informed by DJB that K1, K2 and K3 has been cleared by Empowered Steering Committee and sanction awaited. As regard K4, the revised DPR has been forwarded to NMCG (National Mission for clean Ganga).
- (h) **NGT related project**- DJB informed that in compliance of orders of Hon'ble NGT, seven sewerage projects to be implemented to clean Najafgarh & supplementary drains under Phase-I of 'Maily Se Nirmal Yamuna- Revitalization Plan 2017' with funding from DDA/NMCG (National Mission for clean Ganga). The project cost is approximately Rs. 3659 Crore. It was decided that Delhi Jal Board will prepare a cabinet note for NGT related projects. A meeting will also be held under the chairmanship of Chief Secretary, Delhi on Annuity Funding.

The meeting ended with vote of thanks with to the chair.

R.C. Kesarwani
19/5/2016
(R.C. Kesarwani)
Asstt. Director (Water)

F.No. 16(505)/UD/W/16 | 799-806

Dated:- 19/05/2016

Copy to:-

1. The Chief Executive Officer, Delhi Jal Board, Varunliya, Karol Bagh, Jhandewalan, New Delhi.
2. The Special Secretary (UD-II), Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.
3. The Special Secretary, (UD-III), Urban Development Department, 10th Level, Delhi Secretariat, New Delhi.
4. The Joint Director, (Planning), Urban Development Department, 10th Level, Delhi Secretariat, New Delhi.
5. The P.O., (JNNURM), Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.

Copy for information to:-

1. Secretary to Dy. CM, Delhi, 6th Level, Delhi Secretariat, New Delhi.
2. PS to Pr. Secretary, Urban Development Department, 9th Level, 'C' Wing, Delhi Secretariat, New Delhi.
3. PA to Special Secretary (UD-II), Urban Development Department, 9th Level, 'C' Wing, Delhi Secretariat, New Delhi.

R.C. Kesarwani
19.5.2016
(R.C. Kesarwani)
Asstt. Director (Water)

Annexure 'A'

The list of officers attends the meeting held on 06.05.2016 under the Chairmanship of Pr. Secretary (UD) on Review of Projects of Delhi Jal Board.

Sl. No.	Name of Officer	Designation	Department
1.	R.S Tyagi	Member (WS)	DJB
2.	B.M. Dhaul	Member (Drainage)	DJB
3.	R.S Negi	CE (W)	DJB
4.	S.C. Jain	CE	DJB
5.	Virender Kumar	SE Project Water-I	DJB
6.	L.R. Meena	JD (Planning)	UD
7.	Ranga Rajan	Project Officer	UD

Government of NCT of Delhi
Department of Urban Development
9th Level C-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph-011-23392343

F.No. 16(554)/UD/W/15/807-824

Dated:- 19/05/2016

Sub:- Minutes of the Third Meeting of the State Ground Water Co-ordination Committee for Re-estimation of Ground Water Resources (as on March, 2013) of NCT, Delhi held on 11th May, 2016 under the Chairmanship of Pr. Secretary, (UD).

The third meeting of the State Ground Water Co-ordination Committee for Re-estimation of the Ground Water Resources (as on March, 2013) of NCT, Delhi was held on 11th May, 2016 at 04.00 P.M. in the Conference Room of the Principal Secretary, Urban Development, Govt. of NCT, Delhi.

List of participants is annexed as Annexure 'A'.

At the outset, the Principal Secretary, Urban Development welcomed all the committee members. Thereafter, he requested Central Ground Water Board Officials to initiate the agenda of the meeting.

1. A brief presentation on Ground Water Resource Estimation and its importance was made by CGWB to the Committee members. Draft report prepared by SUO, CGWB, Delhi on "Dynamic Ground Water Resources of NCT Delhi (as on March, 2013)" was presented before the committee members. It was mentioned that as per the decision taken in the last meeting of the SGWCC held on 16-2-2013 the soft copy of the draft report was sent to all the committee members for their comments. No comments have been received so far. However, the draft report has been revised as per the suggestions/discussion made during the last meeting of the committee. Central Ground Water Board informed that the present report on Delhi will be included as chapter for all India report.
2. Principal Secretary, Urban Development enquired about the reason for shift in categorization of some of the tehsils from stressed to less stressed category in the present estimation in comparison to that done in the year 2011. CGWB informed that domestic ground water draft figures during the present assessment have reduced in comparison to previous estimation. The reason for reduction in the domestic ground water draft was discussed and it was pointed out that the improvement of surface water supply in some areas by the DJB has led to less dependency on ground water after commissioning of the Sonia Vihar treatment plant in 2007. Regulation on construction of new tube well/bore well in NCT Delhi, and reduction in private extraction of ground water has also led to positive impact.
3. Principal Secretary, Urban Development emphasized that steps should be taken by the State Government for use/supply of recycled water for purposes other than drinking and domestic to reduce the dependence on ground water. Shri A K Gupta, SE (RWH/GWC), Delhi Jal Board informed that there is increase in use of non-potable water in many areas in Delhi. Tariff incentives to consumers are also being given by the DJB for encouraging the use of the non-potable water.
4. Further discussion was made on the incorporation of ground water management plan of NCT, Delhi in the present report of "Dynamic Ground Water Resources of NCT Delhi (as on March, 2013)" as suggested by some of the committee members in the last meeting also. It was informed by CGWB that management plan for NCT, Delhi is a separate issue and is being incorporated in a separate report under the heading "Aquifer Mapping & Ground Water Management Plan of NCT, Delhi". This report will shortly be submitted separately for approval and implementation by the State Departments. The same does not fall under the purview of the present report and hence has not been included. Principal Secretary, Urban Development agreed to this.

5. Following decisions taken by Committee for incorporation in the management plan of NCT, Delhi in the separate report being prepared:-
- CGWB should consult the State Departments before finalization of the management plan.
 - Area specific management plan is to be considered incorporating ground water quality issues.
 - Report should also highlight areas where withdrawal of ground water can be made for specific purposes like horticulture, flushing etc.
 - It should be mandatory for new group housing society and all hotels to use Recycled water for non-potable use.
 - Permission can be given for construction activity where ground level is good to save the potable water.
 - The commercial use of ground water should be banned.
 - It was decided that a questionnaire will be circulated within 15 days by CGWB to all departments of Delhi for management plan under proposed report "Aquifer Mapping & Ground Water Management Plan of NCT, Delhi".
6. At the end the committee **approved** the report on "Dynamic Ground Water Resources of NCT Delhi (as on March, 2013)" prepared by CGWB.

The meeting ended with the vote of thanks to the Chair.

(R.C. Kesarwani)

Assistant Director (Water)

Dated:- 19/05/2016

F.No. 16(554)/UD/W/15/207-824

Copy to:-

- The Commissioner, Department of Industries, 419, Udyog Sadan, FIF, Patparganj, Delhi-110092.
- The General Manager, NABARD, NABARD Tower, 24 Rajendra Place, New Delhi.
- The Chief Executive Officer, Delhi Cantonment Board, Sadar Bazar, Delhi Cantt-10.
- The Regional Director/Officer incharge, Central Ground Water Board, Ministry of Water Resources, State Unit Office, Gallery No. 18/11, Jamnagar House, Mansingh Road, New Delhi-110011.
- The Member (Water Supply) Delhi Jal Board, Varunalaya, Karol Bagh, New Delhi.
- The Member, (Engineer), Delhi Development Authority, Vikas Sadan, INA, New Delhi.
- The Joint Director, (Agriculture), Development Deptt., 11th Level, MSO Building, ITO, New Delhi.
- The Chief Engineer, (Civil-I), NDMC, Palika Kendra, Sansad Marg, New Delhi.
- The Chief Engineer, Zone-I, I&FC Deptt., L.M. Bund, office complex, Shastri Nagar, Delhi-31.
- The Chief Engineer, Zone-II, I&FC Deptt., L.M. Bund, office complex, Shastri Nagar, Delhi-31.
- The Superintending Engineer, (RWH), Delhi Jal Board, Varunalaya, Karol Bagh, New Delhi.
- The Superintending Engineer, (Env), DSIIDC, Technical Building, Wazirpur, Industrial Area, Delhi-52.
- The Superintending Engineer, (Coordination), DUSIB, Punarwas Bhawan, ITO, Delhi.
- The Garrison Engineer (Utility), Water supply, MES, Delhi Cantonment Board, New Delhi.
- The Director, Department of Environment, GNCTD, C-Wing, 6th Level, Delhi Secretariat, New Delhi.

Copy for information to:-

- Secretary to Dy. Chief Minister, 6th Level, Delhi Secretariat, I.P. Estate, New Delhi.
- PS to Pr. Secretary, UD, Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.
- PA to Special Secretary, (UD-II), Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.

(R.C. Kesarwani)

Asstt. Director (Water)

LIST OF PARTICIPANTS

1. Shri Ramesh Negi, Principal Secretary, Dept. of Urban Development, Govt. of NCT, Delhi.
2. Shri Sandeep Mishra, Special Secretary, Dept. of Urban Development, Govt. of NCT, Delhi
3. Shri V.K. Jain, Chief Engineer (I&FC), Zone I, Irrigation and Flood Control Deptt., Govt. of NCT Delhi, 4th Floor, ISBT Building, Kashmeri Gate, New Delhi.
4. Sh. A.K. Gupta, SE (Plg.) Water/ GWC, Delhi Jal Borad, Varunalaya, Karol Bagh, New Delhi.
5. Shri Sanjay Sexena, SE, Irrigation and Flood Control Deptt., Govt. of NCT Delhi, 4th Floor, ISBT Building, Kashmeri Gate, New Delhi.
6. Shri Lachhman Singh, SE(P), Delhi Development Authority, Vikas Sadan, INA, New Delhi.
7. Shri Sharat Kumar, SE (Env), DSIIDC, Technical Building, Wazirpur, Industrial Area, Delhi-52.
8. Shri R L Garg, EE (Env), DSIIDC, Technical Building, Wazirpur, Industrial Area, Delhi-52.
9. Shri Mukesh Kumar, Executive Engineer, CD XIV, Irrigation and Flood Control Deptt., Govt. of NCT Delhi, 4th Floor, ISBT Building, Kashmeri Gate, New Delhi.
10. Dr. Anil Kumar, Director (Env), Deptt. of Environment, Govt. of NCT Delhi, C wing, 6th Level, Delhi Secretariat, I.P. Estate, New Delhi.
11. Shri M Khan, EE (W/S), NDMC, Civil Engineering Department, Palika Kendra, Sansad Marg, New Delhi.
12. Shri Rakesh Bansal AE (W/S), NDMC, Civil Engineering Department, Palika Kendra, Sansad Marg, New Delhi
13. Sh. Somvir Arya, Development Department, 11th Level, MSO Building, ITO, New Delhi.
14. Sh. Dalbir Singh, Seed Analyst, Development Department, 11th Level, MSO Building, ITO, New Delhi.
15. Shri R R Singla, office of the S.E. (Cord.), Punarwas Bhawan, DUSIB, ITO, Delhi.
16. Ms Sandhya Chowdhary, AGM, NABARD Tower, 24, Rajendra Place, New Delhi.
17. Shri R C Kesarwani, Asstt. Director (W), Dept. of Urban Development, Govt. of NCT, Delhi.
18. Shri S Bhattacharya, OIC, Central Ground Water Board, State Unit Office, JN House, Mansingh Road, New Delhi
19. Sh. D. Chakraborty, Sr. Hydrogeologist, CGWA, West Block II, Wing 3, Ground Floor, R K Puram, New Delhi
20. Shri Rajesh Chandra, Sr. Hydrogeologist, CGWB, JN House, Mansingh Road, New Delhi.
21. Smt. Sonia Kapur, AGP, CGWB, JN House, Mansingh Road, New Delhi.

UD/2016/940

17/05/2016

Government of NCT of Delhi
Department of Urban Development
10th Level C-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph-011-23392343

F.No. 16 (Misc)/UD/W/2015/783-796

Dated: 17/05/2016

Sub: - Minutes of the meeting held on 11.05.2016 at 4.00 P.M. under the Chairmanship of Pr. Secretary, U.D. regarding Reconciliation and Revival of Water Bodies, framing a policy and selecting an organization for effective management.

The list of officers attended the meeting is enclosed as Annexure 'A'

At the outset of the meeting Pr. Secretary (UD) welcomed all the officers present in the meeting. Initiating the meeting, GSDL made a Power Point Presentation on Water Bodies in Delhi. GSDL through presentation informed that total - 1011 Water Bodies have been identified by Delhi Garden and Park Society out of which mapping has been done for 876 and remaining 135 are yet to be mapped.

The GSDL made the detailed presentation with data, arranged district wise, department/agency wise and category wise like how much are dry, wet and encroached. All data were found useful and can be used by respective departments for further course of action for their development, Revival and maintenance.

GSDL also presented status of Water Bodies based on data provided by Park and Garden Society according to Khasra no., description available as per GPS and satellite image for year 2007, 2011, 2014 and 2015, which indicate changes in status of Water Bodies over year. GSDL also informed that data has some seasonal variation. After presentation of GSDL issues were discussed by various departments/Stake holders and following decisions taken: -

1. Some departments like ASI raised question on Number of Water Bodies mentioned against their department which does not match with actual existing Water Bodies. On this issue it was decided that each department will verify the number of water bodies and share the data with GSDL directly for Reconciliation on Number of Water Bodies.
2. The court Commissioner, Sh. Vivek Tandon invited attention of Members on criteria of assessing the wet Water Bodies. He informed that there are more than 400 Water Bodies which are full of sludge and they should be kept in a different category. On this issue it was decided that Delhi Jal Board will draw a plan that no sewage falls in catchment area of any water body.
3. GSDL presented picture of few Water Bodies based on data for 2007, 2011, 2014 and 2015 which are now built up fully or partially. It might be due to change in land use by DDA. On this issue it was decided that to protect Water Bodies, DDA should reflect the water bodies in its Master Plan and should plan keeping them in view. It was also decided that all land owing agencies while taking any development project, must verify and ensure that no water body existed on land, where construction is proposed. Further, the rain water of roads should be connected to catchment area of water body, wherever possible.
4. At some places it is found that water bodies have been converted to park/school/hotels/other buildings. Since there is no more scope to retrieve it was decided to explore potential to develop Rain Water Harvesting systems at such places. The GSDL will share data with respective departments for action on this issue.
5. The court commissioner raised the issue of flow of sewer water in Biodiversity Park at Burari. It was decided that DJB will establish sewer system on priority in this locality. The court commissioner will also share data on water bodies with DDA, Revenue Department etc.

R.C. Khanna
16.05.2016

6. GSDL informed that as per satellite mapping/image approximately 500 Water Bodies are not reflected in list provided by Park and Garden Society. It was decided that GSDL shall prepare a list of these Water Bodies, ward wise/area wise under two categories i.e. listed and unlisted and same will be verified by Municipal Corporation.
7. It was also informed that there are various low land locations which are presently full of water but have not been categorized as water body. It was decided that such locations will be declared as water bodies.
8. The court commissioner invited attention of the members that during construction activity of bigger projects due to digging, large amount of ground water flow in sewer lines. Hence, it was decided that henceforth such waters will be recharged or treated waste water will be utilized for construction activity.
9. A nine points guidelines for development of water bodies were discussed. All departments shall follow the guidelines for development of water bodies under their jurisdiction.
10. Regarding recommendations of Ministry of Water Resources regarding setting up of a single agency, it was observed that Delhi has special characteristics, where Water Bodies fall under various Departments. On this issue it was felt that a single agency on society mode may be more appropriate. The society will be autonomous and experts will be deployed on deputation. Government may assist through annual grants. Since maximum numbers of Water Bodies are with Revenue Department, Divisional Commissioner (Revenue) will move a proposal in this regard.

The meeting ended with vote of thanks to the chair.

R.C. Kesarwani
(R.C. Kesarwani)
Asstt. Director (Water)

Copy to:-

1. The Vice Chairman, DDA, INA, Vikas Sadan, Delhi.
2. The Divisional Commissioner, Department of Revenue, 5 Sham Nath Marg, Delhi.
3. The Chief Executive Officer, Delhi Jal Board, Varunlaya, Karol Bagh, Jhandewalan, New Delhi.
4. The Director General, Department of Archaeology, Janpath, New Delhi-110011.
5. The Managing Director, GSDL, 3rd Floor, Vikas Bhawan-2, New Delhi.
6. The Commissioner, South/North Delhi Municipal Corp. Dr. S.P.M. Civic Centre, New Delhi.
7. The Commissioner, East Delhi Municipal Corporation, Patparganj Industrial Area, Delhi.
8. The Director, Planning Department, 6th Floor, 'B' Wing, Delhi Secretariat, I.P. Estate, New Delhi-110002.
9. The CEO, Delhi Park & Garden Society, 6th Floor, C-Wing, Delhi Secretariat, I.P. Estate, New Delhi-110002.
10. Engineer-in-Chief, PWD-I, 12th Floor, MSO Building, ITO, I.P. Estate, New Delhi-110002.
11. The Chief Engineer-I, I&FC Department, Govt. of NCT of Delhi, Kashmiri Gate, ISBT Complex, New Delhi.

Copy for information to:-

1. Secretary to Dy. Chief Minister, 6th Level, Delhi Secretariat, I.P. Estate, New Delhi.
2. PA to Pr. Secretary, Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.
- ✓ 3. PA to Special Secretary, Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.

R.C. Kesarwani
(R.C. Kesarwani)
Asstt. Director (Water)

Government of NCT of Delhi
Department of Urban Development
10th Level A-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph- 011-23392343

F.No. 16(Misc)/D/W/15/ **989-1005**

Dated:- **22/06/2016**

MEETING NOTICE

The meeting fixed on 22.06.2016 (Wednesday) at 4.00 P.M. at IIT-Delhi to discuss the issue of "**Master Plan on drainage System**" has been postponed and now will be held on **30.06.2016 (Thursday) at 3.30 P.M.**

The venue of meeting will be the conference room of Pr. Secretary, (UD) at 9th Level, Delhi Secretariat, New Delhi. The agenda of the meeting will be remained same and will be followed by a Presentation by IIT Delhi.

You are requested to make, it convenient to attend the Meeting/Presentation on rescheduled date and time as mentioned above.

R.C. Kesarwani
(R.C. Kesarwani) **22.06.2016**
Asstt. Director (Water)

F.No. 16(Misc)/D/W/15/

Dated:-

Copy to:-

- ✓ 1. The Secretary, I&FC Department, Govt. of NCT of Delhi, 5/9, Under Hill Road Delhi-110054.
- ✓ 2. The Chief Executive Officer, Delhi Jal Board, Varunlaya, Karol Bagh, Jhandewalan, New Delhi.
- ✓ 3. The Managing Director, GSDL, 3rd Floor, Vikas Bhawan-2, New Delhi.
4. The Engineer in Chief, PWD, MSO Building, ITO, I.P. Estate, New Delhi.
5. Eng-in-Chief, South Delhi Municipal Corporation, Dr. S.P.M. Civic Centre, New Delhi.
- ✓ 6. Eng-in-Chief, North Delhi Municipal Corporation, Dr. S.P.M. Civic Centre, New Delhi.
7. Eng-in-Chief, East Delhi Municipal Corporation, Patparganj Industrial Area, Delhi.
8. Engineer Member, DDA, Vikash Sadan, INA, New Delhi.
- ✓ 9. The Chief Engineer, I&FC Department, L.M. Bund, office complex, Shastri Nagar, Delhi-31.
- ✓ 10. The Managing Director, DSIIDC, N-Block, Bombay Life Building, Connaught Circus, New Delhi.
11. Chief Engineer, (Roads), NDMC, Room No. 1512, 15th Floor, Palika Kendra, Connaught Place, New Delhi.
12. Mrs. Surendra Kaur, Dy. Director, Indian Metrological Department, Govt. of India, Mausam Bhawan, Lodhi Road, New Delhi. *X*
13. Prof. A.K. Gosain, (Consultant), MPD, IIT Delhi, Civil Engineering Department, Hauz Khas, New Delhi.
- ✓ 14. Sh. Jaideep Singh Takhur, General Manager, Strategic Planning, Delhi International Airport Pvt. Ltd, New Uddan Bhawan, Opposite terminal-3, Indira Gandhi, International Airport, New Delhi.

Copy for information to:-

1. PPS to Pr. Secretary, (UD), Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.
2. PA to Special Secretary, (UD-II), Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.
3. Assistant Programmer, Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.

R.C. Kesarwani
(R.C. Kesarwani) **22.06.2016**
Asstt. Director (Water)

o/c

A Brief Note on Master Plan of Drainage System for NCT of Delhi.

Prof. A.K. Gosain, HOD, Civil Engineering on behalf of Industrial Research and Development Unit of IIT, Delhi has been appointed to prepare Master Plan of Drainage System vide Cabinet decision no. **1903 dated 25.06.2012.**

The above consultancy work was given to Prof. A.K. Gosain at the cost of **Rs. 80 Lakh + Service Tax** with following payment plan.

1. 30% + Service Tax on signing of contract.
2. 30% + Service Tax on submission of draft final report.
3. 20% + Service Tax on submission of final report. And
4. 20% + Service Tax after approval of final report by Government.

There was no penalty clause/ liquidated damage in agreement. The offer letter **No. EE.CD-XIV/MPD/2011-12/3009-3028 dated 23.07.2012** given to Mr. Gosain which allowed the time of 18 month to carry out above work. The agreement signed between Executive Engineer, CD-XIV and I&FC Department and Prof. A.K. Gosain, Head Civil Engineering Department, IIT, Delhi on **03.08.2012.**

Till date I&FC Department has already released a sum of **Rs. 26.41 Lakh.**

On above issue following three meetings have already held

5. First meeting held under the chairmanship of Hon'ble Minister, PWD on **11.09.2015** on permanent solution of flooded roads and choked drains. In this meeting Prof. Gosain gave a presentation and informed :-

- (e) Sewer available only in 55% area.
- (f) Storm drains carry sewage and encroached.
- (g) Absence of reliable data i.e. size & invert levels of storm and sewage network.
- (h) Effective management of solid waste

Prof. Gosain informed that work of Master Plan of Drainage is in progress and work is likely to be completed by January, 2016.

6. Second meeting held under the chairmanship of Pr. Secretary (PWD,UD) on **19.10.2015.** This meeting could not be attended by Prof. Gosain. It was considered that there is substantial delay in submission of report by IIT and it was considered that report can be completed before forthcoming monsoon and defeats the purpose for which work was allotted.
7. Third meeting held on **03.11.2015** which was attended by Prof. A.K. Gosain. He submitted following reasons for not completing the study in time.
 - (a) The data on drain under jurisdiction of various agencies has not been provided fully. The cause of water logging is due to two reasons i.e. either drainage is not adequate or drains are not clean and silted. DIAL has not provided detailed data for airport area.

- (b) The data provided by IMD are for a short period where as IIT requires data for last 30 years to make a proper model.
- (c) The storm water drains are connected to DJB sewer line, whereas it has not been designed to tackle storm water drain, thus surcharging the sewers resulting in their overflow.
- (d) At some places flow is against the gradient as per information made available.
- (e) There is also connectivity problem with main drains.
- (f) There are some missing drains.
- (g) The cross section of drain is not mapped by GSDL which would be needed for study to give final report.

Briefly it was informed that the study could not be completed due to insufficient data provided by agencies.

In this meeting, following decisions were taken.

- (i) **The above work was entrusted to IIT Delhi during 2012 and even after 3 years, there is no clarity on data provided.** I&FC Department and IIT should have an internal meeting to sort out the issue.
- (ii) DJB, MCD and other agencies to coordinate take corrective measures to address water logging points.
- (iii) The agencies/departments, instead of waiting for full report from IIT Delhi, go forward for , a macro level solution with coordination of I&FC, MCD and DJB to tackle the problems of water logging during 2016.
- (iv) **It will be advisable for IIT Delhi to submit its report at least by January, 2016. In meanwhile it can suggest any macro level improvements, if any.**

Fourth Meeting held on 04.05.2016 under the chairmanship of Pr. Secretary (UD) in the meeting it was informed by IIT that data is still awaited from various agencies like PWD, North DMC, South DMC, DDA, DSIIDC, DCB, DIAL, GSDL, IMD etc. in the meeting following decision also taken.

1. All stake-holders should consider a conference or a training session by IIT, Delhi to finalize above study at the earliest.
2. The report should consist to design drainage system for a longer period and vulnerable points of airport, traffic crossings hospital etc. to be mapped. In this regard Chief Engineer, of each Municipal Corporation to provide data on vulnerable points scale them and find out catchment area. It was also decided that Chief Engineer, East DMC will coordinate and assist in finalizing vulnerable points and mapping.
3. After sorting out inter departmental issues, of the interim report submitting IIT will be implemented with the approval of Government.

Government of NCT of Delhi
Department of Urban Development
10th Level C-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph- 011-23392343

F.No. 16(554)/UD/W/15 /1084-1102

Dated:- 5/7/16

Minutes of the 4th meeting of "State Ground Water coordination committee" held under the chairmanship of Pr. Secretary (UD) on 21.06.2016.

The list of officers attended the meeting is enclosed as Annexure 'A'

At the outset the Pr. Secretary, UD welcomed all officers attending the meeting. The Fourth Meeting of the State Ground Water Co-ordination Committee was organized to apprise all the members of committee with final report prepared by Central Ground Water Board on Re-estimation of Ground Water Resources (as on March, 2013) of NCT, Delhi.

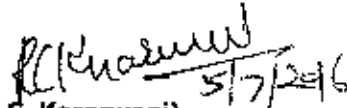
The Officer-In-Charge, CGWB gave a Power point Presentation on final report before the **State Ground Water Co-ordination Committee**. The report/presentation was found extremely useful for planning purpose as it is based on scientific knowledge of Aquifer mapping and Ground Water Management Plan of NCT of Delhi. The exhaustive report was found informative and useful particularly for DJB and other departments dealing with water and drainage issues.

It was presented that there is a large water body of approximately 21 sq km in Haryana adjoining Delhi border. It was suggested to study how Delhi can be benefited by it and the underground water can be recharged.

After detailed deliberation following decisions were taken.

1. DJB may identify water deficient areas based on above report and accordingly, schemes be framed.
2. DJB may take action to avoid drawing water from contaminated areas.
3. Wider drains should be constructed where population growth is faster.
4. The catchment area should be protected to avoid contamination and DJB may move some regulation in this regard. Potential catchment area should also be studied deeply.
5. DJB may frame a plan scheme for recharging areas which are most vulnerable.
6. A Pilot Project should be started for desalinating the ground water. If needed experts/technical help can be sought from other countries which are working on saline ground water and to figure out the cost benefit analysis.

The meeting ended with vote of thanks to the chair.


(R.C. Kesarwani)
Asstt. Director (Water)

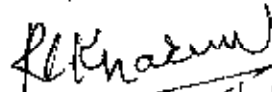
F. No. 16(554)/UD/W/15

Dated:-

Copy to:-

1. The Commissioner, Department of Industries, 419, Udyog Sadan, FIF, Patparganj, Delhi-110092.
2. The Secretary, PWD, 5th Level, 'B' Wing, Delhi Secretariat, I.P. Estate, New Delhi.
3. The Commissioner, East Delhi Municipal Corporation, Patparganj Industrial Area, Delhi.
4. The Commissioner, South Delhi Municipal Corp. Dr. S.P.M. Civic Centre, New Delhi.
5. The Commissioner, North Delhi Municipal Corp. Dr. S.P.M. Civic Centre, New Delhi.
6. The General Manager, NABARD, NABARD Tower, 24 Rajendra Place, New Delhi.
7. The Chief Executive Officer, Delhi Cantonment Board, Sadar Bazar, Delhi Cantt-10.
8. The Regional Director/Officer incharge, Central Ground Water Board, Ministry of Water Resources, State Unit Office, Gallery No. 18/11, Jamnagar House, Mansingh Road, New Delhi-110011.
9. The Member (Water Supply) Delhi Jal Board, Varunapaya, Karol Bagh, New Delhi.
10. The Engineer Member, Delhi Development Authority, Vikas Sadan, INA, New Delhi.

11. The Joint Director, (Agriculture), Development Department, 5/9 Under Hill Road, Delhi-110054.
12. The Chief Engineer, (Civil-I), NDMC, Palika Kendra, Sansad Marg, New Delhi.
13. The Chief Engineer, Zone-I, Irrigation & Flood Control Department, L.M. Bund, office complex, Shastri Nagar, Delhi-31.
14. The Superintending Engineer (RWH), Delhi Jal Board, Varunalaya, Karol Bagh, New Delhi.
15. The Garrison Engineer (Utility), Water supply, MES, Delhi Cantonment Board, New Delhi.
16. The Director, Department of Environment, GNCTD, C-Wing, 6th Level, Delhi Secretariat, New Delhi.
17. PS to Pr. Secretary, UD, Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.
18. PA to Special Secretary, (UD-II), Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.


(R.C. Kesarwani) 5/12/2016
Asstt. Director (Water)

ATTENDANCE SHEET**Sub: - Meeting on 21.06.2016 at 4.00 PM "State Ground Water Coordination Committee"**

Sl. No.	Name	Designation	Department
1.	Sandeep Mishra	Special Secretary	UD
2.	Dr. Anil Kumar	Director	Env. Deptt.
3.	Subhash	AGM	NABARD
4.	P. Bhargava	CE	DJB
5.	Somvir Arya	J.D (Ag) Agronomist	Development Deptt.
6.	Dalbir Singh	J.D (Ag) Analyst	Development Deptt.
7.	Sharat Kumar	SE	DSI IDC
8.	A.K Gupta	SE	DJB
9.	Jagdish Kumar	SE/CC-10	DDA
10.	Rakesh Chandra Kesarwani	AD (Water)	UD
11.	S. bhattacharya	Office-In-charge, State Unit	CGWB
12.	Rajesh Chandra	Scientist-D	CGWB
13.	R.R Singh	Cantt. Engineer	DCB
14.	Mukesh Kumar	EE CD XIV	I&FC
15.	M. Khan	EE (WS)	NDMC
16.	R.R. Jha	EE (Civil)	SDMC
17.	H.S. Singh	EE	EDMC
18.	Rakesh Bansal	A.E. (WS)	NDMC

Government of NCT of Delhi
Department of Urban Development
10th Level C-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph-011-23392343

F.No. 16 (Misc)/D/W/2015/ 1127-1143

Dated: 06/07/2016

Minutes of the meeting held under the chairmanship of Pr. Secretary (UD) on 30.06.2016 regarding Master Plan of drainage System in Delhi.

The list of officers attended the meeting is enclosed as Annexure 'A'

At the outset of meeting, Pr. Secretary (UD) welcomed all the officers present in the meeting. Pr. Secretary (UD) reviewed the status of data from Departments which have not been provided to IIT, Delhi.

It was informed that drainage and sump data from DDA, data on vulnerable points from all departments and AWS, Doppler radar data is awaited from Indian Metrological Department. Chief Engineer, I&FC Department informed that data from PWD has been received.

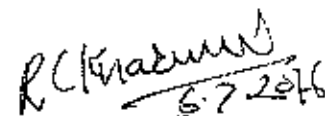
IIT, Delhi gave a Power Point Presentation on Drainage Master Plan for NCT 2021. During presentation, statistics and status of major drainage basins were given.

East DMC informed that length of drain provided in presentation does not seem correct and required to be rechecked. During presentation IIT informed that 338 Water logging locations have been reported by Delhi Traffic Police. There was disagreement by some officers on this data and informed that water logging locations are substantially reduced now.

After detailed discussion following decisions were taken.

1. In unauthorized colonies people are using own local drainage system which flow sewerage and waste water in existing natural drainage. As desired by IIT, Delhi, data on this flow cannot be provided and IIT, Delhi may assess the data itself through field observation.
2. NGT has banned construction of Pucca drain, hence earthen drains and green drains with living organism may be planned.
3. DDA to provide data within 15 days.
4. It was also decided that vulnerable points of important locations like Airport, Stadiums, Hospitals, Water Treatment Plants, Railway Stations will be identified, and accordingly IIT, Delhi will design the drainage system and suggest engineering solutions considering higher rain fall figures.
5. Chief Engineer, of each Municipal Corporation to provide data on vulnerable points. Chief Engineer, East DMC will coordinate and assist in finalizing vulnerable points and their mapping.
6. IIT, Delhi will explore the possibilities of underground canals and big catchment areas in order to channelize and utilize the storm water for beneficial use.
7. IIT, Delhi will identify a water logging area and to give specific engineering solution which will be taken as a Pilot Project.
8. A visual presentation will be given by IIT, Delhi on Taimoor Nagar drain.

The meeting ended with vote of thanks with to the chair.


(R.C. Kesarwani)
Asstt. Director (Water)

F.No. 16(Misc)/D/W/15/ 1127-1143
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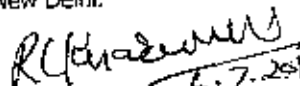
Dated:- 06/07/2016

1. Hon'ble Dy. Chief Minister, Delhi, 6th Level, Delhi Secretariat, New Delhi.
2. The Secretary, I&FC Department, Govt. of NCT of Delhi, 5/9, Under Hill Road Delhi-110054.
3. The Chief Executive Officer, Delhi Jal Board, Varunlaya, Karol Bagh, Jhandewalan, New Delhi.
4. The Managing Director, GSDL, 3rd Floor, Vikas Bhawan-2, New Delhi.

5. The Engineer in Chief, PWD, MSO Building, ITO, I.P. Estate, New Delhi.
6. Eng-in-Chief, South Delhi Municipal Corporation, Dr. S.P.M. Civic Centre, New Delhi.
7. Eng-in-Chief, North Delhi Municipal Corporation, Dr. S.P.M. Civic Centre, New Delhi.
8. Eng-in-Chief, East Delhi Municipal Corporation, Patparganj Industrial Area, Delhi.
9. Engineer Member, DDA, Vikash Sadan, INA, New Delhi.
10. The Chief Engineer, I&FC Department, L.M. Bund, office complex, Shastri Nagar, Delhi-31.
11. The Managing Director, DSIIDC, N-Block, Bombay Life Building, Connaught Circus, New Delhi.
12. Chief Engineer, (Roads), NDMC, Room No. 1512, 15th Floor, Palika Kendra, Connaught Place, New Delhi.
13. Mrs. Surendra Kaur, Dy. Director, Indian Metrological Department, Govt. of India, Mausam Bhawan, Lodhi Road, New Delhi.
14. Prof. A.K. Gosain, (Consultant), MPD, IIT Delhi, Civil Engineering Department, Hauz Khas, New Delhi.
15. Sh. Jaideep Singh Takhur, General Manager, Strategic Planning, Delhi International Airport Pvt. Ltd, New Uddan Bhawan, Opposite terminal-3, Indira Gandhi, International Airport, New Delhi.

Copy for information to:-

1. PS to Pr. Secretary, (UD), Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.
2. PA to Special Secretary, (UD-II), Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.


 (R.C. Kesarwani) 6.7.2016
Asstt. Director (Water)

ATTENDANCE SHEET

Sub: - Meeting on 30/06/2016 at 3.30 P.M. on Master Plan of Drainage System.

SI No	Name	Designation	Department
1.	Keshav Chandra	CEO	DJB
2.	Sandeep Mishra	Spl. Secretary	UD
3.	R.S. Tyagi	Member	DJB
4.	V.K. Jain	CE	I&FC
5.	Sanjay Kumar Jain	CE	North DMC
6.	Pradeep Khandelwal	CE	EDMC
7.	Jagdish Kumar	SE/CC-10	DDA
8.	C.B Prasad	GM	DIAL
9.	Rakesh Chandra Kesarwani	AD (Water)	UD
10.	Mukesh Kumar	SE	PWD
11.	Mukesh Kumar	EE	I&FC
12.	Rajesh Ranjan Jha	EE (Plg.)	SDMC
13.	Vijay Singh	EE (Plg.) Director	DJB
14.	P.K. Aggarwal	EE	DSI IDC
15.	Pallavi Chauhan	Executive	GSDL
16.	Anupriya Goyal	Research Scholar	IITD
17.	Harsha Yadav	Research Scholar	IITD
18.	Satish Kumar	Research Scholar	IITD
19.	N.S. Grover	AE	EDMC
20.	Shiv Kumar	AE	I&FC
21.	Mohd. Idris Ali	AE	SDMC
22.	Majeet Singh	AE	NDMC

Government of NCT of Delhi
Department of Urban Development
10th Level C-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph- 011-23392343

F. No. 15(630)/UD/W/15/1290-1300

Dated:- 28/07/2016

Minutes of the meeting to "Review the status of 33 Water Bodies in Dwarka in compliance of Hon'ble NGT order dated 22.06.2016" held under the chairmanship of Pr. Secretary (UD) on 22.07.2016.

The list of officers attended the meeting is enclosed as Annexure 'A'

At the outset the Pr. Secretary, UD welcomed all officers attending the meeting. The Pr. Secretary, (UD) sought a brief on judgement of Hon'ble NGT. The Chief Project Manager, F-5 (PWD) informed that Hon'ble NGT directed to develop 33 Water Bodies in Dwarka. In this regard a meeting was chaired by Hon'ble Minister, (PWD) and it was decided to develop 10 Water Bodies by PWD. Initially joint inspection of 2 Water Bodies has been completed and following are the major issues.

1. The land belongs to DDA hence, permission from DDA required to carry out the work
2. Treated water from DJB required to recharge the ground water.

The representative from DDA informed that 33 Water Bodies could never be identified. As on date only 25 Water Bodies (including 2 as referred above) have been identified.

In this regard after long discussion following was deliberated upon.

1. The representative from DDA informed that DDA has no objection if above, Water Bodies are rejuvenated.
2. Principally it has already been decided that all water bodies under jurisdiction of Delhi Government departments/ agencies will be transferred to Delhi Jal Board. Delhi Jal Board is willing to develop Water Bodies subject to allocation of plan fund. The file/Cabinet Note is under submission. Hence, it was decided that these water bodies will also be taken over by DJB for rejuvenation as per decision of Hon'ble NGT.
3. It was decided that DJB will rope in NGO's/ technical consultant for which MOU will also be signed for development of these water bodies. The money to these NGOs will be routed through Delhi Jal Board.
4. Delhi Jal Board will float expression of interest within 3 days for above work.
5. It was also decided that DJB will initiate the process to engage WAPCOS Limited which is an accredited Public Sector Enterprise under the aegis of the Union Ministry of Water Resource, River Development & Ganga Rejuvenation, Government of India. The WAPCOS has its own core group of professionals and specialists and also have experience in this field.

The meeting ended with vote of thanks to the chair.

R.C. Kesarwani
28.7.22

(R.C. Kesarwani)

Asstt. Director (Water)

Dated:- 28/07/2016

F. No. 16(630)/UD/W/15/1290-1300

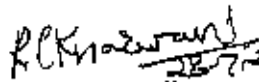
Copy to:-

1. The Dy. Chief Minister, Delhi, Government of NCT of Delhi, 6th Level, Delhi Secretariat, New Delhi.
2. The Hon'ble Minister, UD, Government of NCT of Delhi, 7th Level, Delhi Secretariat, New Delhi.
3. The Chief Executive Officer, Delhi Jal Board, Varunakaya, Karol Bagh, New Delhi.
4. The Secretary, PWD, 5th Level, 'B' Wing, Delhi Secretariat, I.P. Estate, New Delhi.
5. The Secretary, I&FC Department, L.M. Bund, office complex, Shastri Nagar, Delhi-31.

6. The Engineer Member, DDA, Vikas Sadan, INA, Delhi.
7. The Engineer in Chief, PWD, MSO Building, ITO, New Delhi.
8. The Chief Engineer, I&FC Department, L.M. Bund, office complex, Shastri Nagar, Delhi-31.
9. The Chief Project Manager, F-5, PWD, Ring Road, Bhairon Road JN, Near Pragati Power Station, New Delhi.

Copy for information to:-

1. PS to Pr. Secretary, UD, Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.
2. PS to Special Secretary, (UD-II), Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.


(R.C. Kesarwani)
Asstt. Director (Water)

10th Level C-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph-011-23392343

F. No. 16(629)/UD/W/16/ 1279-1289

Dated:- 28/07/2016

Minutes of the meeting held on 19.07.2016 at 04.00 P.M under the chairmanship of Pr. Secretary (UD) regarding "Government process on reengineering for laying of utilities on ROW by creation of an utility duct".

The list of officers attended the meeting is enclosed as Annexure 'A'

The Pr. Secretary (UD) welcomed all the officers present in the meeting. At the outset Pr. Secretary (UD), asked representative of PWD to explain the proposal briefly.

The Pr. Director (PWD) briefly explained that vide a Cabinet decision it was decided to introduce an application for seeking road cutting permission. It was also principally agreed to implement way leave charges for laying utilities on Right Of Way (ROW) for which a committee was constituted. At present due to infrastructural growth, it is now routine by agencies like DJB, Power Agencies, MTNL, IGL etc. to dig/cut ROW to lay their services. Regular cutting and digging increases the project cost and also result in traffic jams, accidents, loss of time and exorbitant expenditure on restoration. Hence, as a long term solution, it is considered appropriate to create utility ducts along arterial roads, as NDMC has successfully created services ducts in their area. Further due to financial constraints, it is proposed to levy a charge called, "Way- Leave- charges" like an annual rental which could be used to create special fund to build service ducts.

The above proposal of PWD discussed in details and following emerges.

1. The roads under Municipal Corporation are not wide enough to accommodate such utility ducts.
2. Initially applicability of the utility duct can be considered as a Pilot Project on a wider road of PWD that too after thorough examination and study of its feasibility.
3. The rate of charges is also not clear, whether it should be one time or it should be recurring from utility agencies.
4. Some members were of the view that many different type of utility under services duct can cause accident because trunk sewer line, pipe line, high voltage cables cannot go simultaneously.
5. The city roads are not wide enough to accommodate big size utility services. It is an engineering challenge.
6. The Member (water) DJB informed that to lay pipe line under duct is not feasible. The duct cannot accommodate 450 MM dia & above and secondly sewer lines go by gravity which is not viable under utility duct.
7. The representative from Municipal Corporation informed that there are lot of encroachments along MCD road which is also a difficult task to remove them for constructing utility duct.
8. The Power department informed that the cost on this account will ultimately transfer to the public and obviously, tariff will be increased.

Finally following decisions deliberated upon.

- a. This is a complex issue which involves advance engineering, finance and study on feasibility to accommodate various types of utilities under one duct. Hence, PWD will obtain technological concerns/ issues from all utility departments for examination.
- b. PWD will finalize a policy on charges to be taken from utility departments.
- c. PWD may identify a clear area and wider road where utilities under duct are viable and will submit a proposal with internationally accepted design for consideration as a pilot project.

The meeting concluded with a vote of thanks to the chair.

R.C. Kesarwani
27.7.2016
(R.C. Kesarwani)
Asstt. Director (Water)

F. No. 16(629)/UD/W/16/ 1279-1289

Dated:- 28/07/2016

Copy to:-

1. The Dy. Chief Minister, Delhi, Government of NCT of Delhi, 6th Level, Delhi Secretariat, New Delhi.

4. The Secretary, (Power), Power Department, 8th Level, Delhi Secretariat, New Delhi.
5. The Commissioner, East DMC, Plot no.419, Udyog Sadan, Patparganj, Industrial Area, New Delhi.
6. The Commissioner, South DMC, Dr. S.P.M. Civic Centre, JLN Marg, Minto Road, New Delhi.
7. The Commissioner, North DMC, Dr. S.P.M. Civic Centre, JLN Marg, Minto Road, New Delhi.
8. The Managing Director, Indraprastha Gas Limited, IGL Bhawan, Plot No. 4, Community Centre, Sector 9, R K Puram, New Delhi - 110022.
9. The General Manager, MWVPS-5, Floor, Mahanagar Doorsanchar Sadan, 9, CGO Complex, Lodhi Road, New Delhi - 110003.

Copy for information to:-

1. PS to Pr. Secretary, UD, Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.
2. PA to Special Secretary, (UD-II), Urban Development Department, 9th Level, Delhi Secretariat, New Delhi.

R. C. Kesarwani
24.7.2016
(R.C. Kesarwani)
Asstt. Director (Water)

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
URBAN DEVELOPMENT DEPARTMENT
10TH LEVEL, 'C' WING, DELHI SECRETARIAT
I.P. ESTATE, NEW DELHI- 110002**

F.No. 16(631)/UD/ W/2016/ 1352 - 1364

Dated: 08/08/2016

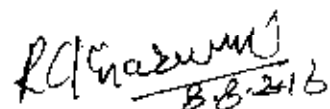
MINUTES OF MEETING

A meeting was convened under the Chairmanship of Minister, Urban Development at Conference room, 7th level, 'A' wing, Delhi Secretariat on 28.07.2016 at 5.30 PM regarding laying of water lines in the colonies falling in the Ridge Area / Forest Areas.

2. A list of participants who attended the meeting is annexed herewith.
It was noted that no senior officers from the Forest & Environment Department was present despite sufficient prior notice for such an important meeting to deliberate and provide valuable inputs and insights involving a matter of public concern.
3. The Principal Secretary (UD) initiated the discussion mentioning that development works in unauthorised colonies involving forest land is hampered due to non demarcation of forest areas falling in such unauthorised colonies. It was mentioned that there are total 159 unauthorised colonies as per the list provided by the Forest Department, GNCTD. The discussion was furthered by CEO, DJB mentioning that due to practical problems the actual demarcation of forest areas falling in unauthorised colonies could not be carried out. The officers of the UD Department mentioned that the forest affected list of colonies have been provided by Forest Department and the existing regulation for regularisation as well as instructions / guidelines for carrying out development works provides that the forest regulation should not be violated in carrying out development works in such unauthorised colonies. It was further mentioned that the Forest Department has objections in accordance with the existing statute being administered by them prohibiting the development works in such unauthorised colonies. After threadbare discussions on the issue the following points emerged and decided as under:-

R. K. Khaduria
8/8/2016

- a) The Hon'ble Minister, UD has highlighted the fact that in the prevailing circumstances, some methodology for providing water lines in such colonies is to be explored as the residents could not be deprived of water which is a necessity.
- b) It was suggested by the Hon'ble Minister that the matter may be taken up with the Competent Authority i.e. Ridge Management Board for allowing permission to carry out development activities in the forest affected areas and in case the settlements are removed in future from forest areas then the water lines could also be dismantled.
- c) The issue was further deliberated and it was decided that the Forest Department shall provide the following list of colonies within two weeks:-
- (i) Those colonies which are totally or whose major portion lies within the forest.
 - (ii) Other colonies which are on the periphery of the forest.
- (Action: Pr. CCF/Forest Deptt.)**
- d) In the cases of colonies which are on the periphery, the request for allowing development works i.e. water lines etc. in such colonies may be forwarded by the DJB to the Forest & Environment Department. The Forest & Environment Department will then moot a proposal for consideration by Ridge Management Board chaired by the Chief Secretary, Delhi.
- e) After approval of the Competent Authority the Forest & Environment Department will issue the minutes of the meeting conveying the decision so that further action could be initiated by DJB as well as the UD Department for taking up development works in such colonies.
- f) Meeting ended with a vote of thanks to the chair.


(R.C. Kesarwani)
Assistant Director (Water)

Dated: 08/08/2016

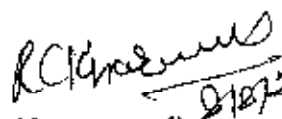
F.No. 16(631)/UD/ W/2016/ 1352 - 1364

1. The Chief Executive Officer, Delhi Jal Board
2. Pr. Chief Conservator of Forests, Forest Department, GNCTD
3. Secretary (Revenue), 5 Sham Nath Marg, Delhi - 110 054
4. Member (Water), Delhi Jal Board
5. Managing Director, GSDL

6. Deputy Commissioner, South, Revenue Department, Govt. of NCT of Delhi
7. Special Secretary (UD)-A, UD Department, govt. of NCT of Delhi
8. Joint secretary (UC), UD Department, Govt. of NCT of Delhi

Copy for information to:

- (i) Secretary to Hon'ble Dy. Chief Minister, Delhi.
- (ii) Secretary to Hon'ble Minister, UD, 7th level, 'A' wing, Delhi Sectt.
- (iii) OSD (UD), to Hon'ble Minister (UD), 7th level, 'A' wing, Delhi Sectt.,
- (iii) PS to Pr. Secretary (UD)
- (iv) PA to Special Secretary (UD)-II, GNCTD.


(R.C. Kesarwani) 21/02/16
Assistant Director (Water)

ATTENDANCE SHEET

Meeting on 28.07.2016 at 05.30 PM under the chairmanship of Hon'ble Minister,
(UD) regarding laying of water lines in the colonies falling in the Ridge Area.

Sl No.	Name	Designation	Department
1.	Sh. Ramesh Negi	Pr. Secretary (UD)	GNCTD
2.	Keshav Chandra	CEO	DJB
3.	Niharika Rai	DC/DM (South)	Revenue
4.	B.S. Jaglan	DC (E)	Revenue
5.	Sohan Singh Kanawat	Spl. Secretary (UD)	GNCTD
6.	K.S. Meena	JS (UC/UD)	UD
7.	Rajeev Shukla	ADM (ND)	Revenue
8.	R.S. Tyagi	Member (WS)	DJB
9.	K. Murugan	Addl. G.M.	GSDL
10.	Virender Singh	SDM(H)	Revenue
11.	R.C Kesarwani	Asstt. Director	UD
12.	Tilak Chand	ACF	Forest
13.	Savita	Geospatial Executive	GSDL
14.	Saptarshi Saha	Geospatial Executive	GSDL
15.	R.K. Gupta	Consultant (UD)	Ministers office

Government of NCT of Delhi
Department of Urban Development
10th Level C-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph-011-23392343

F.No. 16 (629) UD/W/2016/1478-1490

Dated: 02/09/2016

Minutes of the meeting held on 29.08.2016 under the chairmanship of Pr. Secretary (UD) regarding reengineering for laying of utilities on ROW by creating of utility duct and "way-Leave Charges".

The list of officers who attended the meeting is enclosed as Annexure 'A'

At the outset, the Pr. Secretary, UD welcomed all officers attending the meeting. The Pr. Secretary, (UD) invited attention of officers to the discussion on the issue in the meeting held under the chairmanship of Chief Secretary, Delhi. He desired that an early action is required by departments on utility ducts and Way-Leave charges.

The Pr. Director, (PWD) informed that the Cabinet Note was earlier initiated by IT Department. In case of big projects by PWD like construction of Flyover, bridges, FOBs etc. utilities of various departments need to be shifted. In that case PWD faces two problems.

1. Cost incurred on shifting of services are borne by PWD and
2. It takes too much time in shifting by concerned departments.

Hence, it is proposed to create utility ducts along major roads.

During, meeting representative of all departments placed their opinion and it emerged that utilities like water lines, sewer lines, gas pipe line etc. cannot be accommodated in utility duct due to various reasons. Obviously, even after creation of utility duct, many services will remain out of duct in the right of way.

Power department informed that all charges need to be approved by DERC and any expenses ultimately will be borne by public. Some members suggested that as per decision taken in last meeting, this can be initiated as Pilot Project in new areas like Dwarka, Rohini, Rao Tula Ram Marg etc. E-in-C, North DMC informed that they have worked out the way leave charges taking the average of circle rates of different categories of areas which comes to about Rs. 684 per m2.

After discussion following decisions deliberated upon.

1. The copy of Cabinet note will be provided by PWD to all concerned departments for their comments.
2. PWD will take action on decisions taken in last meeting and a report will be submitted to UD Department within 10 days time.
3. PWD & Municipal Corporation, North, South and East will inform rate of way-leave charges to UD Department.

The meeting ended with vote of thanks to the chair.


(R.C. Kesarwani)

Asstt. Director (Water)

F.No. 16 (629)/UD/W/2016/1478-1490

Dated: 02/09/2016

Copy to: -

1. The Hon'ble Dy. Chief Minister, Delhi, GNCTD, 6th Level, Delhi Secretariat, I.P. Estate, New Delhi.
2. The Hon'ble Minister, (UD), Delhi, GNCTD, 7th Level, Delhi Secretariat, I.P. Estate, New Delhi.

3. The Chief Executive Officer, Delhi Jal Board, Varunlaya, Karol Bagh, Jhandewalan, New Delhi.
4. The Secretary, PWD, 5th Level, Delhi Secretariat, I.P. Estate, New Delhi.
5. The Secretary, Power Department, 8th Level, A-Wing, Delhi Secretariat, New Delhi.
6. The Commissioner, North DMC, Dr. S.P.M. Civic Centre, JLN Marg, Minto Road, New Delhi.
7. The Commissioner, South DMC, Dr. S.P.M. Civic Centre, JLN Marg, Minto Road, New Delhi.
8. The Commissioner, East DMC, Plot No. 419, Patparganj, Industrial Area, New Delhi.
9. E-in-C, PWD, 12th Floor, MSO Building, ITO, New Delhi.
10. General Manager (B.C.P), MTNL, 8, Bhikaji Cama Place, New Delhi-110066.
11. The Chairman, Indraprastha Gas Limited, IGL Bhawan, Plot No. 4, Community Centre, Sector 9, R K Puram, New Delhi - 110022.

Copy for information to: -

1. PS to Pr. Secretary, UD, 9th Level, C-Wing, Delhi Secretariat, New Delhi.
2. PA to Special Secretary, UD, 9th Level, C-Wing, Delhi Secretariat, New Delhi.


(R.C Kesarwani)
Asstt. Director (Water)

Sub: - Meeting on 29.08.2016 at 3.00 P.M. regarding "Way-Leave Charges for laying of the utilities".

Sl.No.	Name	Designation	Department
1.	Sandeep Mishra	Special Secretary	UD
2.	Ajay Kr. Bisht	Spl. Secretary	Power
3.	Manu Amitabh	CPM/Pr. Director	PWD
4.	Vijay Prakash	E in C	East MCD
5.	R.K. Gupta	CE	North DMC
6.	Surender Kumar	Addl. V.P.	BSES (YPL)
7.	Prem Prakash	Director opt	DTL (Delhi Transco Ltd.)
8.	S.shyanal	DGM	DTL (Delhi Transco Ltd.)
9.	Kiran Kumar Alla	AVP	BRPL
10.	Ajay Gupta	SE	DJB
11.	Sudhir Mehta	SE-II	SDMC
12.	Sandeep Kulshresth	EE	DJB
13.	Anil Varshney	V.P.	BSES (RPL)
14.	Sudhir Sharma	Dy. Secretary	Power
15.	Mohd. Asif	AE	SDMC

Government of NCT of Delhi
Department of Urban Development
10th Level C-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph-011-23392343

F.No. 16 (622) UD/W/2016/1505-1510

Dated: 05/09/2016

Minutes of the meeting held on 30.08.2016 under the chairmanship of Pr. Secretary (UD) regarding Strategy on Desalination Plan by Delhi Jal Board in South West, North West and West, Delhi.

The list of officers attended the meeting is enclosed as Annexure 'A'

It was noted that no officers from Central Ground Water Board, Ministry of Water Resources, and Department of Environment, GNCTD were present in the meeting.

At the outset, the Pr. Secretary, UD welcomed all officers attending the meeting. Pr. Secretary, (UD) initiating the meeting desired the status of action taken by DJB on decisions taken in last meeting held on 21.06.2016. He pointed out that there were six issues on which basically DJB had to initiate action. Delhi is already under severe crunch of water and obviously, quick action required on issues which may improve availability of water.

The officers representing Delhi Water Board and I&FC Department were not aware about the minutes of the last meeting held on 21.06.2016. Pr. Secretary took it seriously as in absence of enough homework they failed to provide valuable inputs.

The Chief Engineer, (South), DJB informed that treatment of saline water to make it portable is a problem due to disposal of its waste. Presently, approximately, only 10% demand are being fulfilled through extraction of Ground Water.

After discussion, it was decided that DJB will submit an action taken report on each decision taken in the meeting held on 21.06.2016 at the earliest.

The meeting ended with vote of thanks to the chair.

R.C. Kesarwani
(R.C. Kesarwani) 5/9/2016

Asstt. Director (Water)

F.No. 16 (622)/UD/W/2016/

Dated:

Copy to: -

1. The Chief Executive Officer, Delhi Jal Board, Varunlaya, Karol Bagh, Jhandewalan, New Delhi.
2. The Regional Director/Officer incharge, Central Ground Water Board, Ministry of Water Resources, State Unit Office, Gallery No. 18/11, Jamnagar House, Mansingh Road, New Delhi-110011.
3. Chief Engineer, Zone-I. Irrigation & Flood control Department, L.M. Bund, office Complex, shastri Nagar, Delhi-31.
4. The Director, Department of Environment, GNCTD, C-wing, 6th Level, Delhi Secretariat, New Delhi.

Copy for information to: -

1. PS to Pr. Secretary, UD, 9th Level, C-Wing, Delhi Secretariat, New Delhi.
2. PA to Special Secretary, UD, 9th Level, C-Wing, Delhi Secretariat, New Delhi.

R.C. Kesarwani
(R.C. Kesarwani) 5/9/2016
Asstt. Director (Water)

Annexure-'A'

Sub: - Meeting on 30.08.2016 at 3.30 P.M. regarding "Strategy on Desalination Plan by Delhi Jal Board in South West, North West and West, Delhi".

Sl.No.	Name	Designation	Department
1.	R.S Negi	C.E. (Sewerage)	DJB
2.	Anand Pal	EE (C) Dwarka	DJB
3.	O.P. Shrivastava	SE (FC-II)	I&FC

Government of NCT of Delhi
Department of Urban Development
10th Level C-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph-011-23392343

F.No. 16 (612) UD/W/2016/1591-38

Dated: 14/9/16

Minutes of the meeting held on 06.09.2016 under the chairmanship of Pr. Secretary (UD) regarding "Use of Recycled treated effluent by various agencies".

The list of officers attended the meeting is enclosed as Annexure 'A'

At the outset, the Pr. Secretary, UD welcomed all officers attending the meeting. Pr. Secretary, (UD) initiating the meeting sought an information regarding availability of potable water per person and causes of uneven/short supply in area. The Chief Engineer informed that more than 40% of total supply is the non revenue. As per norm water loss should not exceed 15%. There is also problem of geographically unequal distribution of water. He further informed that 3 Pilot projects have been given to study losses and the issue of uniform distribution.

Pr. Secretary, (UD) sought information on effluent water supply for non-potable purposes, its rate and action taken by DJB on decisions taken in last meeting held on 18.04.2016.

DJB informed about the action taken on decisions taken in last meeting.

- a. Mapping of area has been done.
- b. The list of filling hydrants alongwith name of Executive Engineer, telephone No. etc has already been shared with all user departments. A copy of this information was also provided to officers attending the meeting.
- c. The Chief Engineer, EDMC informed that as per decision taken in last meeting to provide pipe connection from STP Kondli to nearest point to user department is still pending. Chief Engineer, DJB informed that no requisition has been received.
- d. As regard, presentation before Hon'ble LG no action has been taken. Pr. Secretary, UD directed to take up the matter with CEO, DJB.

Following issued were deliberated upon in the meeting

1. The officers attending the meeting suggested that DJB is charging Rs.7 per kiloliter to supply treated water from user agency. It was suggested that supply of effluent treated water should be free to Government departments as it is used for public purposes like development of park, Garden, Sprinkling on dust rumination etc. DJB doesn't spend any extra cost on supply and even if treated water is not taken, it is thrown to drain/river. On this issue it was decided that user department and DJB will sit together to sort-out the issue.
2. PWD informed that the filling points are not opened for 24 hours. Further for main roads there is need to lay water pipelines from nearest STP point. Chief Engineer, DJB informed that filling points are opened for 24 hours. Further, if PWD desired, pipeline can be laid at their own cost.
3. DDA and NDMC informed that requisition/requirement has already been provided to DJB. CE, DJB informed that 1500 meter Dia pipeline are already laid from Okhla STP. Further pipeline to be laid by CPWD.
4. I&FC Department informed that there is 3829 acre agricultural land for farmers irrigated by I&FC Department. The rate charged by DJB is too high which cannot be borne by poor farmers. In this regard, it was decided that I&FC Department will take up the matter with DJB through Revenue Department to find out a way on charges and framing a policy.
5. Special plants at Sukhdev vihar depot and Keshopur depot have been installed to utilize effluent treated chlorinated water for washing of DTC buses.
6. The DJB would finalize Master Plan across Delhi with consultation of user department in a time bound manner.

R. K. Khosla
14.9.2016

7. It was also decided that if user departments have any issue with Delhi Jal Board they will sit together and sort-out the issues.

The meeting ended with vote of thanks to the chair.

R.C. Kesarwani
(R.C Kesarwani)

Asstt. Director (Water)

F.No. 16 (612)/UD/W/2016/

Dated:

Copy to: -

1. The Chairperson, New Delhi Municipal Council, Palika Kendra, New Delhi.
2. The Divisional Commissioner, Department of Revenue, 5 Sham Nath Marg, Delhi.
3. Vice Chairman, DDA, 1st Floor, B-Block, Vikas Sadan, INA, New Delhi.
4. The Commissioner, North DMC, Dr. S.P.M. Civic Centre, JLN Marg, Minto Road, New Delhi.
5. The Commissioner, South DMC, Dr. S.P.M. Civic Centre, JLN Marg, Minto Road, New Delhi.
6. The Commissioner, East DMC, Patparganj, Industrial Area, New Delhi.
7. The Chief Executive Officer, Delhi Jal Board, Varunlaya, Karol Bagh, Jhandewalan, New Delhi.
8. The Secretary, Environment & Forest Department, 6th Level, C-Wing, Delhi Secretariat, New Delhi.
9. The Secretary, Power Department, 8th Level, A-Wing, Delhi Secretariat, New Delhi.
10. The chairperson, DSIIDC, N-Block, Bombay Life Building, Connaught Circus, New Delhi-110001.
11. The Pr. Secretary, PWD, 5th Level, B-Wing, Delhi Secretariat, New Delhi.
12. The Chief Engineer, I&FC Deptt. L.M. Bund, office complex, Shastri Nagar, Delhi-31.
13. The CEO, Delhi Park & Garden Society, 6th Level, C-Wing, Delhi Secretariat, I.P. Estate, New Delhi-110002.
14. Chief General Manager, DTC Office, Scindia House, Connaught Place, New Delhi-1.

Copy for information to: -

1. PS to Pr. Secretary, UD, 9th Level, C-Wing, Delhi Secretariat, New Delhi.
2. PA to Special Secretary, UD, 9th Level, C-Wing, Delhi Secretariat, New Delhi.

R.C. Kesarwani
(R.C Kesarwani)

Asstt. Director (Water)

Annexure-'A'

Sub: - Meeting on 06.09.2016 at 11.00 A.M. regarding "Use of Recycled treated effluent by various agencies".

Sl.No.	Name	Designation	Department
1.	Sandeep Mishra	Special Secretary	UD
2.	P.Bhargava	CE	DJB
3.	Dr. SD. Singh	CEO	DPGS
4.	Sudhir Sharma	Dy. Secretary	Power
5.	Dr. P.K. Tripathi	Director (Hort.)	PWD
6.	Dr. Ashok singh	Director (Hort.)	SDMC
7.	B.M. Verma	SE	North MCD
8.	Arun Kumar	SE	EDMC
9.	Ajeet Dayal aggarwal	SE	DPGS
10.	Ajay Gupta	SE	NDMC
11.	R.K. bhattacharia	SE	SDMC
12.	Sharat Kumar	SE	DSIIDC
13.	Ashish priyadarshi	DDH/HQ	NDMC
14.	T.P. Singh	Dy. Dir (Hort.)	DDA
15.	M. Dabur	Dy. Director	DDA
16.	Dilip Singh	Horticulture	DPGS
17.	S.K. Garg	EE (Civil)	SDMC
18.	T.K. Priyith Rekh	EE	I&FC
19.	Adarsh Kumar	EE	DJB
20.	R.K. Dureja	EE	NDMC
21.	S.Dasao	AE	DJB

*Ref: Kumar
14/9/16*

**Government of NCT of Delhi
Department of Urban Development
10th Level C-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph-011-23392343**

F.No. 16 (542)/UD/W/15/1694-1706

Dated: 21/10/16

Minutes of the meeting held on 17.10.2016 under the chairmanship of Pr. Secretary (UD) regarding "Creation of an SPV on line of Delhi Metro for Rejuvenation & Development of River Yamuna".

The list of officers attended the meeting is enclosed as Annexure 'A'

At the outset of meeting, the Pr. Secretary, (UD) welcomed all the officers who were present in the meeting.

Pr. Secretary (UD) briefly invited attention of members on decisions taken in last meeting held on 06.04.2016 and desired the action taken by each department.

The representative from Revenue Department informed that one week more time will be required to provide information regarding status on ownership and encroached area on both side of River Yamuna.

DDA Informed that mapping of 'O' Zone area has been completed and also provided to UD Department. On some issues IIT, Delhi has been assigned the work which has already given the report.

Most of representative informed that Base Note on which comments required has not been received by them. It was observed that at each occasion such meetings are represented by different persons of departments hence, very few are aware about decisions taken in preceding meetings.

Pr. Secretary, (UD) opined that there is no point to discuss the issues unless comments of all stake holders received on Base Note prepared for creation of an SPV for Rejuvenation and Development of River Yamuna. Hence, following decisions were taken.

1. Once again the copy of Base Note will be provided to each Stake Holders by mail today.
2. Next meeting on issue will be held on 3rd November, 2016. Hence, members to attend the meeting with complete comments.

The meeting ended with vote of thanks to the chair.

R.C Kesarwani
21/10-2016
(R.C Kesarwani)

Asstt. Director (Water)

Dated:

F.No. 16 (542)/UD/W/15/

Copy to: -

1. The Divisional Commissioner, Department of Revenue, 5 Sham Nath Marg, Delhi.
2. The Vice Chairman, DDA, 1st Floor, B-Block, Vikas Sadan, INA, New Delhi.
3. The Chief Executive Officer, Delhi Jal Board, Varunlaya, Karol Bagh, Jhandewalan, New Delhi.
4. The Secretary, Environment & Forest Department, 6th Level, C-Wing, Delhi Secretariat, New Delhi.
5. The Commissioner, North DMC, Dr. S.P.M. Civic Centre, JLN Marg, Minto Road, New Delhi.

6. The Commissioner, South DMC, Dr. S.P.M. Civic Centre, JLN Marg, Minto Road, New Delhi.
7. The Commissioner, East DMC, Patparganj, Industrial Area, New Delhi.
8. The Engineer-in- Chief, PWD, MSO Building, 12th Floor, ITO, I.P. Estate, New Delhi-110002.
9. The Managing Director, GSDL, 3rd Floor, Vikas Bhawan, -2, New Delhi
10. The Chief Engineer, I&FC Deptt. L.M. Bund, office complex, Shastri Nagar, Delhi-31.
11. The Prof. C.R. Babu, Professor, Centre for Environmental Management, of Degraded Ecosystem, University of Delhi, Delhi-110007.

Copy for information to: -

1. PS to Pr. Secretary, UD, 9th Level, C-Wing, Delhi Secretariat, New Delhi.
2. PA to Special Secretary, UD, 9th Level, C-Wing, Delhi Secretariat, New Delhi.

R.C. Kesarwani
20/10/2016
(R.C Kesarwani)
Asstt. Director (Water)

Annexure-'A'

Subj: -Meeting on 17.10.2016 at 11.30 A.M. regarding Creation of SPV on line of Delhi Metro for Rejuvenation & Development of River Yamuna.

Sl.No.	Name	Designation	Department
1.	Sandeep Mishra	Spl. Secretary	UD Department
2.	Dr. S.D. Singh	CEO	DPGS
3.	V.K. Jain	CE	I&FC
4.	V.K. Gupta	CE (Dr) Pr-I	DJB
5.	P.K. Tomar	Director (M)	PWD
6.	B.M Verma	S.E. DEMC	North MCD
7.	Mukul Bhandhva	SE (Plg)	DJB
8.	Dr. Kaipana Khurana	DD/LS	DDA
9.	O.P. Singh	SE	I&FC
10.	Atal Singh	Dy. Director (Lands)	DDA
11.	Virender Singh	SDM (H)	Revenue Department
12.	P.K. Hooda	EE Planning	North MCD
13.	Pallavi Chauhan	Executive	GSDL
14.	S.C. Gupta	NT/Lands	DDA
15.	Shiv Kumar	KGO/Lands	DDA

Government of NCT of Delhi
Department of Urban Development
10th Level C-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph-011-23392343

F.No. 16 (632)/UD/W/2015/ 1833-1851

Dated: 09/11/2016

Minutes of the meeting held on 08.11.2016 under the chairmanship of Spl. Secretary (UD) regarding Nomination of nodal officer from each department for implementation of Rain Water Harvesting System, their maintenance and Submission of quarterly report.

The list of officers attended the meeting is enclosed as Annexure 'A'

At the outset of meeting, the Spl. Secretary, (UD) welcomed all the officers who were present in the meeting. The Spl. Secretary (UD) briefly apprised the objective of meeting to members attended the meeting. Hon'ble NGT in its order dated 20.08.2015 directed to comply following action by Government of NCT of Delhi and public authorities.

1. Notify a nodal officer by all departments/agency who will be responsible for implementation of Rain Water Harvesting System and their maintenance.
2. Putting the name of Nodal Officer with telephone number on department's website.
3. To submit quarterly report to place it before a committee (Delhi State Water Mission) constituted in UD Department.

Further, it was apprised that only five departments have informed the name of nodal officers and from other departments it is still awaited.

During discussion it was observed that various departments have various queries regarding number of nodal officers, minimum size of plot fixed for RWH, area where RWH project to be taken up, catchment area etc. After discussion following was agreed upon.

1. Each department will nominate only one nodal officer from their department. Internally they may have as many nodal officers as per their zones/division, but as far as UD department is concerned, only one nodal officer will be nominated.
2. NGT in its order is silent on the minimum size of plot/building. Hence, all size of building/plots will be covered.
3. Detailed guidelines for installation of RWH are available at DJB website for guidance.
4. Chief Engineer, DJB informed that further procedure, design, roof top catchment area, guidance on RWH etc. can be taken up from following centres.

- (a). Executive Engineer (South -West)- III, DJB, Sector-7, R.K. Puram, New Delhi. Contact No. 08745017926
- (b). Superintendent Engineer (South) DJB, Jal Sadan, Lajpat Nagar, New Delhi. Contact No. 08745017933
- (c). Executive Engineer (Dwarka), DJB, Sector-6, opposite sports complex Dwarka. Contact No. 08745017931

5. All departments will submit the name of nodal officers within a week time.

R. G. Sharma
21/11/2016

6. The first quarterly report will be submitted for quarter ending 31st December, 2016 in the prescribed format by the 1st week of January to facilitate meeting of the Delhi State Water Mission.

The meeting ended with vote of thanks to the chair.

R.C. Kesarwani
9/11/2016
(R.C Kesarwani)
Asstt. Director (Water)

F.No. 16 (632)/UD/W/2015/ 1833-1851

Dated: 09/11/2016

Copy to: -

1. The Vice Chairman, DDA, Vikas Sadan, New Delhi.
2. Pr. Secretary, General Administration Department, 2nd Floor, Delhi Secretariat, New Delhi.
3. The Chairperson, NDMC, Palika Kendra, Sansad Marg, New Delhi.
4. Pr. Secretary, Power Department, 8th Floor, Delhi Secretariat, New Delhi.
5. The Chief Executive Officer, Delhi Jal Board, Varunlaya, Karol Bagh, Jhandewalan, New Delhi.
6. The Managing Director, DSIIDC, N-Block, Bombay Life Building, Connaught Circus, New Delhi - 110001.
7. The Chairman, DTTDC, 18, DDA, SCO Complex, Defence Colony, New Delhi-110024.
8. Secretary, Environment and Forest Department, 6th Floor, Delhi Secretariat, New Delhi.
9. The Commissioner, Development Department, 5/9, Under Hill Road, Delhi-110054.
10. The Commissioner, East DMC, Plot no.419, Udyog Sadan, Patparganj, Industrial Area, New Delhi.
11. The Commissioner, South DMC, Dr. S.P.M. Civic Centre, JLN Marg, Minto Road, New Delhi.
12. The Commissioner, North DMC, Dr. S.P.M. Civic Centre, JLN Marg, Minto Road, New Delhi.
13. The Chief Executive Officer, DUSIB, Punarwas Bhawan, I.P. Estate, New Delhi-110002.
14. The E-in-C PWD, 12th Floor, MSO Building, ITO, New Delhi.
15. The Managing Director, DMRC Metro Bhawan Fire Brigade Lane, Barakhamba Road, New Delhi-110001.
16. The Chief Engineer, I&FC Deptt. L.M. Bund, office complex, Shastri Nagar, Delhi-31.
17. The Chief Executive Officer, Delhi Cantonment Board, Sadar Bazar, Delhi Cantt-10.

Copy for information to: -

1. Secretary to Minister (Urban Development), Govt. of NCT of Delhi
2. PA to Special Secretary (UD), 5th Floor, Delhi Secretariat, New Delhi.

R.C. Kesarwani
9/11/2016
(R.C Kesarwani)
Asstt. Director (Water)

Sub:-Meeting on 08.11.2016 (Tuesday) at 12.00 Noon regarding Rain Water Harvesting.

Sl.No.	Name	Designation	Department
1.	Praveen Bhargava	Chief Engineer (MB)	DJB
2.	A.K. Gupta	SE (Plg)	DJB
3.	Sharat Kumar	SE (Env.)	DSIIDC
4.	SK Garg	SE/CC-3	DDA
5.	T.S. Grover	SE	DUSIB
6.	A.K. singh	EE,	DTTDC
7.	J.Kumar	EE/HQ	I&FC
8.	Sanjay Kumar	EE(3)HQ	EDMC
9.	Ansar Alam	EE (P)	North DMC
10.	Sanjeev Kumar	AE (Proj) NGZ	SDMC
11.	Himnashu Abhishesh	Sr. DGM/Civil	DMRC
12.	Sushil Kumar	CGM/Civil/	DMRC
13.	P.K. Tomar	Director (M)	PWD
14.	Sukram Pal	Dy. Secretary	GAD
15.	Rakesh Rana	Asstt. Engineer	Delhi Cantonment Board
16.	Sushil Walia	Superintendent	UD

Government of NCT of Delhi
Department of Urban Development
10th Level C-Wing, Delhi Sachivalaya
I.P. Estate, New Delhi
Ph-011-23392343

F.No. 16 (569)/UD/W/2015/ 1919-1940

Dated: 24/11/2016

Minutes of the first meeting of "Delhi State Water Mission" held on 17.11.2016 under the chairmanship of Pr. Secretary (UD).

The list of officers who attended the meeting is enclosed as Annexure 'A'

At the outset of meeting, the Pr. Secretary, (UD) welcomed all the officers who were present in the meeting.

Pr. Secretary (UD) briefly apprised to the members about objective of State Water Mission. He informed that Government of India desire that State Specific Action Plan for water need to be prepared for which Government of India will provide fund. Following are the broad parameters of framing water policy.

1. Data on water resources – use of GIS format and to put on Water Resources Information System (WRIS).
2. Assessment of Gap in potential creation and utilization of water in domestic use & irrigation including recycle and reuse.
3. Impacts of Climate Change on state water resources and how it may affect resources further for various uses.
4. Alternative Interventions & Enhancing capacities of reservoirs
5. Recycling and reuse of water in suitable sector
6. Development and management, Water governance, Institutional arrangements, Policies on water, Cross border issues and agreement with other states.
7. Mechanism for coordination among various agencies and stake holders.

The Chief Engineer, DJB informed that Delhi Water Board has already prepared a draft documents covering all above issues with the help of INTACH. The document is available on DJB website. Comments of all stake holders may be obtained in the document.

It was suggested by some members that the policy should also cover availability of filter water to all citizens, protection of Yamuna River Bank and other relevant issues relating to water management in Delhi.

The Chief Engineer, DJB informed that the document has broadly covered all above issues. The challenge of water in Delhi is different from other states and implementation of policy is more important. Hence at first instance members should go through document and give their opinion and accordingly, it will be modified.

After due deliberation, following decisions were taken.

- 1- DWB will forward copy of document to each member today by mail for comments.
- 2- All departments will go through the DWB documents and send comments to DWB within 15 days time.
- 3- DWB will study the comments; incorporate them in the draft document and revert back to members for further comments if needed in next 15 days time.

R. Chahal
24/11/2016

- 4- Next meeting will be held to discuss the final document and prepare the action plan.
- 5- DWB will coordinate the meeting.

The meeting ended with vote of thanks to the chair.

R.C. Kesarwani
(R.C Kesarwani)

Asstt. Director (Water)

Dated: 24/11/2016

F.No. 16 (569)/UD/W/2015/ 1919-1940

Copy to: -

1. The Development Commissioner, Development Department, Govt. of NCT of Delhi 5/9, under Hill Road, Delhi-54.
2. The Secretary, Environment & Forest Department, 6th Level, C-Wing, Delhi Secretariat, New Delhi.
3. The Commissioner, North DMC, Dr. S.P.M. Civic Centre, JLN Marg, Minto Road, New Delhi.
4. The Commissioner, South DMC, Dr. S.P.M. Civic Centre, JLN Marg, Minto Road, New Delhi.
5. The Commissioner, East DMC, Patparganj, Industrial Area, New Delhi.
6. The Chief Executive Officer, Delhi Jal Board, Varunlaya, Karol Bagh, Jhandewalan, New Delhi.
7. The Member (Water), Delhi Jal Board, Varunlaya, Karol Bagh, Jhandewalan, New Delhi.
8. Sh. Paveen Bhargava, Chief Engineer, DWB, Varunlaya, Karol Bagh, Jhandewalan, New Delhi.
9. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex East Arjun Nagar, Delhi - 110032.
10. The Regional Director/Officer incharge, Central Ground Water Board, Ministry of Water Resources, State Unit Office, Gallery No. 18/11, Jamnagar House, Mansingh Road, New Delhi-110011.
11. The Manager, The Energy Resources Institute (TERI), Darbari Seth Block, IHC Complex, Lodhi Road, New Delhi - 110003.
12. A.K. Keshari, Civil Engineering Department, Indian Institute of Technology Delhi Hauz Khas, New Delhi-110 016.
13. The Director, CSIR-NEERI Zonal Laboratory CSIR R&D Centre (1st Floor) A-93/94, Phase -1 Naraina Industrial Area New Delhi-110028
14. Representative of India Water Foundation 201, South Ex. Plaza I, NDSE Part - II, New Delhi - 110049.
15. The Chairman, Panni Morcha, 73 Sainik Farms, Khanpur, New Delhi-110062.
16. Sh. Manoj Mishra, Yamuna Jiye Abhiyaan.
17. Manu Bhatnagar, Principal Director, Natural Heritage Division, Indian National Trust for Art and Cultural Heritage 71, Lodi Estate, New Delhi.
18. Prof. G.V.R Prasad, Department of Geology, University of Delhi-110007.
19. The Chairman, Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi.
20. The Prof. C.R. Babu, Professor, Centre for Environmental Management, of Degraded Ecosystem, University of Delhi, Delhi-110007.

Copy for information to: -

1. PS to Pr. Secretary, UD, 9th Level, C-Wing, Delhi Secretariat, New Delhi.
2. PA to Special Secretary, UD, 9th Level, C-Wing, Delhi Secretariat, New Delhi.

R.C. Kesarwani
(R.C Kesarwani)

Asstt. Director (Water)