

AGENDA ITEMS FOR THE 63RD MEETING OF THE PLANNING COMMITTEE TO BE HELD AT 11:00 A.M. ON 20.02.2014 IN THE CONFERENCE HALL, NATIONAL CAPITAL REGION PLANNING BOARD, 1ST FLOOR, CORE-IV B, INDIA HABITAT CENTRE, LODHI ROAD, NEW DELHI-110003.

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AGENDA ITEM NO. 1: CONFIRMATION OF THE MINUTES OF THE 62ND MEETING OF THE PLANNING COMMITTEE HELD ON 15.10.2013 AND 20.12.2013.

Minutes of the 62nd Meeting of the Planning Committee held on 15.10.2013 and 20.12.2013 were circulated vide letter No. K-14011/39/2013-NCRPB dated 07.01.2014.

The Minutes may be confirmed.

AGENDA ITEM NO. 2: REVIEW OF ACTION TAKEN ON THE DECISIONS OF THE 62ND MEETING OF THE PLANNING COMMITTEE HELD ON 03.10.2013, 15.10.2013 AND 20.12.2013.

The 62nd Meeting of the Planning Committee was held on 03.10.2013, 15.10.2013 and 20.12.2013 under the Chairpersonship of Member Secretary, NCR Planning Board. Action Taken Report on the issues/decisions taken in the said meeting are as follows:

Sl. No.	Agenda Item No./Issues for Action	Action taken/status
1.	Agenda Item No. 2 (ii) Status of preparation of Sub-Regional Plans	Representative from Govt. of Rajasthan may provide the latest status. Consideration of the Sub-Regional Plan for Haryana Sub-Region-2021 of NCR is being taken up separately at Agenda Item No. 3.
2.	Agenda Item No. 3: Consideration of observations and suggestions received on Draft Revised Regional Plan-2021 for NCR	The Draft Revised Regional Plan-2021 was placed before the Board in its 34 th Meeting held on 20.01.2014 for incorporation in the DRRP-2021 and approval for publication and notification of the Revised Regional Plan-2021 under Section 13 of NCRPB Act, 1985 and Rule 27 of the NCRPB Rules, 1985.

Sl. No.	Agenda Item No./Issues for Action	Action taken/status
3.	Agenda Item No. 4: Consideration of Proposal of Inclusion of Additional Areas of districts Jind and Karnal of Haryana in NCR	The proposal for inclusion of Jind and Karnal districts of Haryana in NCR was placed before the Board in its 34 th Meeting held on 20.01.2014 for consideration.
4.	<p>i) Supplementary Agenda Item No.1: Consideration of observations and suggestions received on Draft Revised Regional Plan-2021 for NCR (Received between 17.09.2013 to 15.10.2013).</p> <p>ii) Supplementary Agenda Item No.2: Consideration of observations and suggestions received on Draft Revised Regional Plan-2021 for NCR after last date of submission i.e. 30.08.2013 (Received between 15.10.2013 to 20.12.2013).</p> <p>iii) Supplementary Agenda Item No.3: Consideration of Observations and Suggestions Received on Draft Revised Regional Plan-2021 for NCR after last date of submission i.e. 30.08.2013 (Received between 15.10.2013 to 20.12.2013).</p> <p>iv) Agenda Item No. 4: Any other item with the permission of the Chair</p> <p>4.1 YEIDA</p> <p>4.2 Reconsideration of the proposals of retaining restriction that limits construction up to maximum 0.5% of the area of Natural Conservation Zone (NCZ) for Regional Recreational Activities</p>	Same as Sl. No. 2 above.

AGENDA ITEM NO. 3: CONSIDERATION OF DRAFT SUB-REGIONAL PLAN FOR HARYANA SUB-REGION OF NCR-2021.

4.1 Under Section 17(1) of the NCRPB Act, 1985 *“Each participating State shall prepare a Sub-Regional Plan for the sub-region within that State and the Union Territory shall prepare a Sub-Regional Plan for the sub-region within the Union territory”*.

4.2 Govt. of Haryana vide letter dated 30.05.2011 submitted the Draft Sub-Regional Plan for Haryana Sub Region of NCR-2021. Observations of the NCRPB Secretariat on the same were sent vide letter No. K-14011/116/2006-NCRPB Vol. II dated 29.11.2011 to Govt. of Haryana for incorporation.

4.3 Govt. of Haryana submitted the revised Draft Sub-Regional Plan for Haryana Sub-Region of NCR-2021 vide Memo No. CCP(NCR)/2013/2527 dated 24.10.2013. Board’s Secretariat examined the same and communicated its observations vide letter No. K-14011/116/2006-NCRPB Vol.II dated 16.12.2013 for incorporation and submission of the amended Sub-Regional Plan for Haryana Sub-Region-2021 of NCR.

4.4 Incorporating observations of the NCRPB Secretariat, Govt. of Haryana has submitted the revised Draft Sub-Regional Plan for Haryana Sub-Region-2021 of NCR vide Memo No. 343 dated 11.02.2014 alongwith a Compliance Report on the observations of the NCRPB Secretariat which were communicated to Govt. of Haryana vide NCRPB’s letter dated 16.12.2013. The aforesaid Compliance Report alongwith the observations of the NCRPB Secretariat on the same as well as on the revised SRP-2021 is placed at **Annexure-I**. These observations were communicated to Government of Haryana for incorporation in the revised Sub-Regional Plan. After incorporating these observations, Govt. of Haryana has submitted the revised Draft Sub-Regional Plan for Haryana Sub-Region of NCR-2021 on 17.02.2014. Observations of the NCRPB Secretariat which have not been incorporated in the revised Sub-Regional Plan is placed at **Annexure-II**. A CD containing the revised Draft Sub-Regional Plan for Haryana Sub-Region-2021 of NCR, received from Govt. of Haryana on 17.02.2014 is enclosed.

Action Point

Draft Sub-Regional Plan for Haryana Sub-Region of NCR-2021 alongwith the observations of the Board's Secretariat is placed before the Planning Committee for consideration. The Draft Sub-Regional Plan for Haryana Sub-Region of NCR-2021 along with the recommendations of the Planning Committee will be placed before the Board for finalization of observations.

AGENDA ITEM NO. 4: ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIR.

ANNEXURE-I

COMPLIANCE REPORT (ON EARLIER OBSERVATIONS OF NCRPB SECRETARIAT ON HARYANA SRP-2021) RECEIVED FROM GOVT. OF HARYANA VIDE LETTER DATED 11.02.2014 ALONGWITH OBSERVATIONS OF NCRPB SECRETARIAT ON THE COMPLIANCE REPORT AS WELL AS ON THE REVISED DRAFT SUB-REGIONAL PLAN FOR HARYANA SUB-REGION OF NCR-2021 RECEIVED ON 11.02.2014.

Note:

- Observations of the NCRPB Secretariat on the point-wise compliance is mentioned in Column (D). However, there are certain additional observations on account of restructuring/modification of the earlier Sub-Regional Plan. These additional observations have been listed in relevant chapters with Sl. No. starting with "N".

Sl. No.	Observations of NCRPB communicated to Govt. of Haryana vide letter dated 16.12.2013	Reply of Govt. of Haryana as provided in the Compliance Report	Observations of NCRPB on Status of Compliance as well as on the Revised SRP-2021 for Haryana Sub-Region of NCR.
(A)	(B)	(C)	(D)
	GENERAL COMMENTS		
0.1	<p>As per the NCR Planning Board Act, 1985, each State shall be responsible for preparation, finalization and implementation of the Sub-Regional Plan. The provisions under section 20 of the NCR Planning Board Act, 1985 is as under:</p> <p style="padding-left: 40px;"><i>20. Each participating State, or , as the case may be, the Union territory shall be responsible for the implementation of the Sub-Regional Plan, as finalised by it under subsection (3) of section 19, and Project Plans prepared by it.</i></p> <p>In view of the above, the Policies & Proposals of various chapters/sectors should be carefully worded and structured, since the Sub-Regional Plan will be a legal document which will be quoted by various other departments, general public, courts etc. the language should be unambiguous, clear specified and based on facts and figures. Through editing of the Sub-Regional Plan will be required.</p>	General observation, however, the report has been edited.	Noted.
0.2	The title of the report should be changed from "Preparation of Sub-Regional Plan for Haryana Sub-Region of NCR-2021" to "Revised Draft	Title of the report has been changed to "Sub-Regional	Title of the SRP should be " <i>Draft Sub-Regional Plan for Haryana Sub-region of NCR-2021</i> " instead of " <i>Revised Final</i>

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(A)	(B)	(C)	(D)
	Final Report: Sub-Regional Plan for Haryana Sub-Region of NCR-2021".	Plan for Haryana Sub-Region of NCR-2021".	<i>Report of Sub-Regional Plan for Haryana Sub-region of NCR</i> as mentioned in the letter while submitting the Draft Sub-Regional Plan for Haryana Sub-region of NCR-2021.
0.3	The Sub-Regional Plan document is an official submission from Govt. Of Haryana to NCRPB. Hence, the report shouldn't contain the consultant's name /logo etc. anywhere.	Consultant's name/logo has been removed from the report.	Incorporated.
0.4	The following chapters have not been covered in Haryana SRP-2021: <ul style="list-style-type: none"> -Drainage & Irrigation. -Telecommunication. The above-mentioned chapters should be covered in detail at appropriate locations.	Chapter on 'Telecommunication' has been inserted at sr. 10, while the aspect of 'Drainage & Irrigation' has been covered under Chapter 9.	Incorporated.
0.5	The colour scheme for the various land uses should be uniform and the colour scheme of RP-2021/DRRP-2021 should be followed.	Needful has been done.	Incorporated.
0.6	Source of all data/tables/maps should be mentioned exactly as per the title of the documents, departments/agencies, etc. It is further suggested that reference to the Regional Plan-2021/Draft Revised Regional Plan-2021 should be more clearly mentioned. In case reference is made to the RP-2021 (notified on 17.09.2005), then this should be mentioned as "Regional Plan-2021" or "RP-2021". In case reference is made to the Draft Revised RP-2021 (published on 29.07.2013), then this should be mentioned as "Draft Revised Regional Plan-2021" or "DRRP-2021".	Needful has been done.	This also applies to the standard nomenclature of Haryana Sub-Region. It has been observed that in some places "Haryana Sub Region" has been mentioned and in some places "Haryana sub region" has been mentioned. It is suggested that uniform terminology of " Haryana Sub-Region " is mentioned throughout the Sub-Regional Plan. It is also suggested that there should be consistency in use of the Million or lakh separator for numbers in all tables.
0.7	It is advisable that Policies and Proposals of a particular sector/chapter are formulated at the end of that respective chapter only in order to ensure better correlation between data analysis and the policies/proposals coming out of it. This would also ensure enhanced & logical flow of the report. Details of challenges / issues pertaining to a sector, factors influencing the Policies and Proposals etc. should be covered prior to formulation of Policies and Proposals.	Needful has been done.	Incorporated. However, it may be mentioned here that the DRRP-2021 has dealt with a particular sector in the following sequence: <ol style="list-style-type: none"> Existing Situation and analysis thereof. Issue and Challenges of that particular sector. Policies and Proposals, considering Sl. No. (a) and (b) above.
	At the end of the report, once all the chapters are covered, all the policies	Since, the details have been	

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(A)	(B)	(C)	(D)
	& proposals framed under different chapters / sectors may be collated in brief and comprehensive Policies and Proposals for the Sub-Region may be presented.	given with respective chapter, there is no need to repeat the same.	It has been observed that in some of the sectors/chapters, the above-mentioned logical sequence is missing, for example, in Sewerage and Irrigation, 'Issues and Challenges' are missing (eventhough the issues in the Solid Waste Management, Drainage and Irrigation sectors has briefly been covered within 'Background'). It is suggested that every sector/chapter be covered under the afore-said three main heads, for ensuring logical flow of the Plan.
0.8	Hissar and Ambala have been identified as Counter Magnet Areas (CMAs) in Haryana. RP-2021/DRRP-2021 underscores the action plans for development of CMAs. Development of regional linkages is one of the principles outlined in RP-2021/DRRP-2021. It has been observed that the Haryana SRP-2021 does not mention the manner in which the various transport related proposals in the sub-region would achieve this purpose. This should be covered in the Haryana SRP-2021.	Chapter on 'CMAs' including the policy proposals for its development has been inserted at sr. No. 18. Needful has been done under Chapter 6 on 'Transport'.	Incorporated.
0.9	It is observed that the drawings provided in/enclosed with Haryana SRP-2021 do not contain unique numbers. For example, two drawings have been enclosed on proposed transportation networks, namely - "Proposed Transportation Plan for Haryana Sub-Region-2021". - "Proposed Transportation Network". This makes it difficult to for referencing. Therefore, each drawing is to be provided a unique number such as HSRP/Transportation/001 etc.	Needful has been done.	Incorporated.
0.10	It is suggested that wherever there is a deviation in figures from the ones mentioned in the RP-2021/DRRP-2021, the same should be highlighted and necessary source of data and justification for the deviation is to be provided. Some examples of deviations observed have been mentioned under relevant chapters in subsequent section.	Needful has been done.	Incorporated.

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(A)	(B)	(C)	(D)
0.11	It is observed that in some of the drawings, old numbers of National Highways (NHs) have been used, whereas in some of the drawings new numbers of NHs have been used. For example, the "Proposed Transportation Plan for Haryana Sub-Region-2021" mentions new NH numbers and the "Proposed Land Use – HSRP – 2021/31" mentions old NH numbers. The same is to be corrected by adopting uniform road numbering of highways throughout the report/for all the drawings.	Needful has been done.	Incorporated.
0.12	List of Tables and Figures to be provided at the outset of the report.	Requisite details has been provided.	Not provided.
0.13	Status of implementation of RP-2021 in the Haryana Sub-Region should be mentioned.	The status of implementation of Rp-2021 AD stands done while revising the RP under Section 15 of Act, 1985, which includes Haryana Sub-region also.	
0.14	It has been observed that proper paragraph/numbering has not been done, especially in the "Proposal" section, which makes it difficult in referencing. This is to be maintained properly	Needful has been done.	Entire Plan should be thoroughly checked.
0.15	It is observed that some of the chapters do not have page numbers, such as "Chapter 4: Demographic Profile and Settlement Pattern". Page numbers are to be inserted on every page of the report.	Needful has been done.	Incorporated.
	CHAPTER 1: Introduction		
	Additional Observations		
N-1.1	Para 1.2, Page 1-2: Objective of the Constitution of the NCR Planning Board mentioned in this para are not as per NCR Planning Board Act, 1985. This needs to be corrected.		
N-1.2	Para 1.3, Page 2: In second para, it will not be appropriate to mention the inclusion of Jind & Karnal districts in NCR, as it has not been notified. This is to be deleted.		
1.1	<u>Table 1-1 -Population trend of Delhi since 1901 (page 1-1):</u> It is observed that in the source of the table, Census data 2001 and 2011 only have been quoted. "Source – Census of India 1901-2011" should be mentioned clearly.	Necessary corrections have been made in the report.	Incorporated.

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(A)	(B)	(C)	(D)
1.2	Section 1.2 (page 1-2) -Need and Constitution of NCR Planning Board: In the last Para, it is suggested that after the last line, one more line to be added as follows: "Thus, the total area.....in 1986. Subsequent to the preparation of the Regional Plan 2021, a few districts were bifurcated and reorganized by the participating States. Therefore, the present area of the NCR is 34,144 Sq. Km."	Requisite modification in relevant para has been done.	Incorporated.
	CHAPTER 2: The Region		
	Additional Observations		
N-2.1	Para 2.1.2, Page 4, Map 2.1: Map need to be made legible.		
N-2.2	Para 2.1.5, Page 9, Map 2.4 and Sub-para on "Mewat": Map 2.4 depicts rocks outcrop indicating hills in district Mewat and this has not been indicated in the write-up under sub-title "Mewat". This may be added.		
N-2.3	Para 2.1.5.v, Page 12 and Table 2.2: In Table 2.2, the title indicates "Forest Area (sq. km.) Year 2001-2011" and the source mentioned is "Indian State of Forest Report, Forest Survey of India (2001, 2003, 2005, 2009 & 2011)". The source mentioned defines "Forest Cover" and not "Forest Area". These two are different parameters. The data provided in the source mentioned below Table 2.2 relates to "Forest Cover" and not "Forest Area" and needs to be corrected. The Forest Cover mentioned for the years 2001, 2005 & 2011 requires corrections and the total of the sub-region also needs corrections. Board had carried out these corrections in the DRRP-2021 at the time of suggestion & objections at the request of Government of Haryana. The title and figures of Forest Cover may be corrected in Table 2.2 and also the relevant write-up in this para.		
N-2.4	Para 2.1.7, Page 15, Map 2.6: Legend of the Map is not legible. It should also co-relate with the zone numbers mentioned in the write-up.		
N-2.5	Annexure 2.1, Page 17: Notification of MoEF dated 7.5.1992 regarding Aravalli range is incomplete. Complete Notification may be annexed. It is suggested that this may be placed for Chapter for Environment as this aspect has been deliberated at Para 14.5, Page 273. This para also needs to be further elaborated.		
N-2.6	Annexure 2.3, 2.4, 2.5 & 2.6 depicting SO₂, NO₂, RSPM & SPM Levels in Haryana Sub-region, Page 19 & 20: The nomenclatures 'SO ₂ ' and 'NO ₂ ' should be written as 'SO ₂ ' and 'NO ₂ ' respectively. Similarly, the unit of concentration should be 'µg/m ³ ' instead of 'µg/m ³ '. The data given in these Annexures relates to the year 2005 which is almost seven years old and needs to be updated with the analysis of temporal changes. These Annexures are not relevant in this Chapter and should be part of Para 14.6.2 of Chapter 14. This para should also indicate the analysis of air quality.		
2.1	Area of Haryana Sub-Region as mentioned in various tables matches, however there exist certain discrepancies in the population figures which is explained in Chapter 4 in the subsequent section.	The observation has been addressed in Chapter 4.	

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(A)	(B)	(C)	(D)
2.2	<p>A brief description on Environment has is provided in this chapter, but this should be covered in a separate chapter covering the following matters, <i>inter alia</i> others:</p> <ul style="list-style-type: none"> -Detailed analysis on temporal changes of various natural features such as Forest Cover, Wetlands etc. should be incorporated in order to present existing status. -Riverine Ecosystem: Existing status and forward path to safeguard the same. Future Prospect of riverfront development, within the framework of "Natural Conservation Zone" is to be explored. -Proposed Safeguard measures for Biodiversity (In Annexure 15-1: Legal Framework, excerpts from the Biological Diversity Act, 2002 and Biological Diversity Rules, 2004 have been presented. However, as mentioned in Sl. No. 14.5 of PART-II of observations, specific data on biological diversity of various environmentally sensitive areas to be provided & analysed and suitable policy to be framed. Biodiversity Registrar of these environmentally sensitive areas may be referred to in this regard). -Conservation of Wetlands (reference should be made to Wetland Conservation Act. In this respect, the village ponds also need to be recorded and plan should be prepared). -Broad Land Suitability Analysis (LSA) must be carried out in order to ascertain the optimum type of land use from environmental safeguard perspective. Detailed analysis on this may be covered in respective Master Plans (In Annexure-14-1, the methodology that has been adopted for Land Suitability Analysis has been mentioned. However, application of this methodology must be reflected in the "Land Use" chapter). 	A separate Chapter 14 on 'Environment' has been inserted in the report.	<p>Observations on Chapter 14 of the revised SRP is provided below:</p> <ol style="list-style-type: none"> Section 14.2.1 (Status of Forest cover in Haryana sub-region) – The first paragraph of this section discusses the forest cover (as per Forest Survey of India) for the Haryana state and not of Haryana sub-region of NCR. The forest cover of Haryana sub-region needs to be included as part of the analysis. Moreover, in Table 14.1 (District wise distribution of Forest Land) of the section, analysis of forest land as per Forest Department Haryana, 2013 has been provided. In the following paragraphs of the section, analysis has been carried out for both Forest cover as per FSI data and Forest land as per Forest Department Haryana. <u>It may be noted that the definition & classification of 'Forest Cover' as per FSI differs from definition & classification of 'Forest Land' as per Forest Department.</u> Therefore, this section needs to be modified with clarity on the definition & classification of Forest Cover. Section 14.3 (Air Quality) – This section on air quality should include the following: - (i) status of ambient air quality monitoring network in the Haryana sub-region in terms of the number of existing & proposed monitoring stations (both under CPCB's NAMP and Haryana State Pollution control board (HSPCB) in Haryana sub-region (district wise) (ii) analysis of ambient air quality data of Haryana sub-region for past five years (for all 4 pollutants identified under NAMP for regular

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(A)	(B)	(C)	(D)
			<p>monitoring i.e. SO₂, NO_x, PM₁₀ and PM_{2.5}). The air quality data currently presented in this section is of year 2007 (Table 14.4 Air quality along transportation corridors of Sub-Region, 2007), which is more than 5 years old.</p> <p>3. Section 14.4 (Surface Water Quality) – The list of all water bodies in Haryana sub-region as identified in the existing Land Use (refer Map 17-2: Existing Land Use Map) has to be provided.</p> <p>4. Section 14.4.2 (Water Quality of Rivers) – It is mentioned in the first paragraph that water quality of 9 monitoring stations for 5 years (2005-2011) for river Yamuna have been taken into account for surface water quality analysis. The data source and location of these monitoring stations in the Haryana Sub-region has to be provided. The status and analysis of water quality of Yamuna River as it passes through Haryana sub-region has to be included in the section. Similarly, status and analysis of water quality of Canals in Haryana sub-region has to be included in the section. At present, the status of water quality of canals in NCR has been provided in the sub section 14.4.2 (b), which has already been covered in RRP-2021.</p> <p>5. Section 14.5 Environment Sensitive Conservation Zone – It is mentioned that Aravalli ranges have been designated as Natural Conservation Zone in the Plan. A map of the delineated Natural conservation Zone, in accordance with RRP 2021, may be included in the Chapter. Further, the detail list of natural features/areas in the Haryana Sub-</p>

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(A)	(B)	(C)	(D)
			<p>region (along with their district wise location), which have been included in the Environment Sensitive Conservation Zone, in accordance with RRP 2021, may be included in this section. Further, specific data on biological diversity of the various features/areas of Environment Sensitive Conservation Zone has to be provided & analyzed and specific policy has to be framed, in conformity with broad policies & proposals of RRP 2021. The status of setting up of State Biodiversity Board (SBB) for Haryana as per provisions as per Biological Diversity Act, 2002 and Biological Diversity Rules, 2004, also needs to be included in this section.</p> <p>6. <u>Section 14.6 (Issues, Policies & Proposals) – This section mentions some broad issues, policies and proposals for NCR, which has already been covered in RRP 2021.</u> This section needs to be modified, covering specific issues, policies & proposals for Haryana Sub-region which are in conformity with the RRP-2021 have to be provided in this section. Further, there are certain discrepancies in relation to the previous sections of the Chapter, as follows:</p> <p>I. <u>In Section 14.6.2 (Air Quality) Issues</u> – It is mentioned that number of monitoring stations in Haryana sub-region is inadequate. However, there is no data in the previous section of air quality (section 14.3) to support this statement.</p>

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(A)	(B)	(C)	(D)
	CHAPTER 3: Vision, Objectives and Development Policy Framework (“Aims, Objectives and Policy Zones” as per the revised SRP)		
	Additional Observations		
N-3.1	Para 3.3, Page 23: In the first para the term “NCR Plan-2021” should be replaced by “Regional Plan-2021 for NCR”.		
N-3.2	Para 3.3.3, Page 24: Second sentence of first para “Infrastructure up-gradation shall be undertaken at local and regional level.....” should be modified as “Infrastructure up-gradation shall be undertaken at local, sub-regional level and regional level.....”		
3.1	This chapter may include a SWOT Analysis (Strengths, Weaknesses, Opportunities and Threats), which would govern devising appropriate broad strategies / goals for development of the sub region.	SWOT Analysis has been given in Chapter 3	Incorporated.
	CHAPTER 4: Demographic Profile & Settlement Pattern		
	Additional Observations		
N-4.1	<p>Para 4.1.1, Page33: It has been mentioned that “Proximity to NCR is the main reason for higher density in the sub-region”. This should be replaced with “Proximity to NCT- Delhi is the main reason for higher density in the sub-region”.</p> <p>It has been mentioned that “Faridabad is a highly urbanized and industrialized district of the state”. This should be replaced with “Faridabad is a highly urbanized and industrialized district of the Haryana Sub-Region as well as of the State of Haryana”.</p>		
N-4.2	<p>Para 4.1.2, Page35: After the line “Haryana is the most urbanised state amongst the three NCR states other than NCTD” the following line is to be added:</p> <p>“Haryana sub-region has an urbanisation level of 43.3 % which is the third highest in the region after NCT-Delhi (97.5%) and Uttar Pradesh (48.3%)”.</p>		
N-4.3	<p>Para 4.1.5 Page38, 39, Table 4-4, 4-5:</p> <p>It has been observed that while providing population figures for 2011, Population of Urban Centres/Census Towns outside the Metro/Regional Centres too have been added. For example, in case of Faridabad, population of Ballabhgarh, Tilpat & Pila have been added.</p> <p>It is required that population of the individual Urban Centres are to be provided as per Municipal Boundaries which correspond to the Census data of 2011.</p> <p>This is to be corrected.</p> <p>Table 4-4: Title of the should be written as “Population of urban centres in Haryana Sub-Region, 2011</p>		
N-4.4	<p>Para Table - 4-6, Page 40:</p> <p>It has been observed that the projected population of Palwal and Jhajjar for the year 2021 is lesser than the assigned population in RP and is even lesser than the population range. This is to be checked and corrected.</p>		

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(A)	(B)	(C)	(D)
N-4.5	Para 4.4.1, Page 42: Existing Scenario of Settlement Pattern: Last para of this section mentions "....six Sub-Regional centres (Rewari, Bahadurgarh, Palwal, Gohana and Hodal)..." whereas in table 4-10 & Annexure 4.1 number of Sub-Regional centres is 5. This is to be corrected.		
N-4.6	Para 4.1.1, Page33: <i>"The Haryana Sub Region comprises of an area of 13428 sq. km. with a total population of approx. 11 million in 2011. This amounts to 30.37% of the total area and 43.51% population of the State. The average density of the region, (822 persons per sq.km.) is more than the state average of 573. Faridabad, followed by Gurgaon and Panipat are more densely populated. The lowest in density is Jhajjar followed by Rewari district."</i> This should be replaced with "The Haryana Sub-Region comprises of an area of 13,428 sq. km. with a total population of approx. 11 million in 2011. This amounts to 30.37% of the total area and 43.51% population of the State. The average density of the Haryana Sub-Region (822 persons per sq.km.) is higher than that of the State average of 573 p/sq.km. Faridabad, followed by Gurgaon and Panipat districts of the Sub-Region have higher population density, whereas district Jhajjar followed by Rewari have lower density."		
N-4.7	Para 4.1.1, Page33: Population density of Haryana Sub-Region should be given / illustrated instead of the State of Haryana. It is mentioned that "Faridabad is a highly urbanised and industrialised of the State". This should be replaced with "Faridabad is a highly urbanised and industrialised district of Haryana Sub-Region as well as of the State of Haryana".		
N-4.8	Map 4.1, Page 34: Title of the Map should be written as "District wise composition of urban and rural population of Haryana Sub-Region, 2011"		
4.1	Section 4.1.1 -Population Distribution and Density: Proposed population of Haryana Sub-Region for 2021 as provided in Table 4-1 & Table 4-5 (167.03 Lakhs as per Haryana SRP-2021) does not match with the one proposed In DRRP-2021 (168.28 Lakhs). This needs to be checked and corrected. As per Census 2011, urban population of Haryana sub-region is 47,73,140 and therefore needs to be incorporated in the incorrect tables.	Table 4.1 carry details about the Census 2011 population, hence needs no correction. Table 4.5 has been rectified.	Incorporated.
4.2	Section 4.2.1 -Urban Population Projection in Development Plans: a. Urban Population in 2011 as mentioned in Table 4-4 and Table 4-6 (47,81,671 as per these two tables) does not match with Table 4-1 & 4-5 (47,73,140 as per these two tables). Since Census 2011 final figures are available, there shouldn't be any discrepancy in 2011 figures. As per Census 2011, urban population of Haryana sub-region is 47,73,140 and therefore needs to be incorporated in the incorrect tables. b. Table 4-4: Detailed Characteristics of Urban Centres: Population data in 2011 as per Census has been provided for each Urban Centres of	Table 4.4 has been rectified. Further, since the development plans of certain major urban centres includes the adjoining 'census towns', hence, the total urban population for such urban centres has been given. Table 4.6 gives details about	Incorporated. However, observation as per Sl. No. N-4.3 is to be complied.

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(A)	(B)	(C)	(D)
	<p>the nine (9) districts. It has been observed that urban population of the district/sub-district has been provided, instead of the urban centre. For example, in Mewat district, population of Nuh in 2011 has been provided as 21,987. As per Census 2011, this population figure corresponds to urban population of Nuh Sub-District as a whole, comprising Nuh (MC) with 16,250 population and Salamba (CT) with 5727 population. Similarly, for Faridabad, urban population of 14,38,855 corresponds to total district urban population. This comprises of Faridabad Municipal Corporation (population: 14,14,050), Tilpat (CT) (population: 20,514) and Pila (CT) (population: 4,291). This is to be checked and corrected for all the Urban Centres.</p> <p>.c. Table 4-6 mentions "Population projection of Haryana Sub-Region according to development plans prepared by T&CP Department, Haryana". This may be noted that the population corresponds to "Urban Population" only. Necessary correction in the title of the table is to be made.</p> <p>.d. Table 4-7 – Population Projections done by various organisations: Projected population for 2021 and 2031 by various organisations has been mentioned. It is suggested that data as per source of various organizations be segregated clearly and at the end the finally adopted proposed population for 2021, with which the Haryana SRP-2021 has been prepared, be mentioned clearly.</p> <p>The population projection for Haryana Sub-Region by NCRPB has been mentioned incorrectly. The projected population by NCRPB as well as mentioned in Haryana SRP-2021 is mentioned below:</p> <p><u>As per DRRP-2021:</u></p> <p>Total Population: 168,28,000. Urban Population: 106,48,000. Rural Population: 61,80,000.</p>	<p>the settlements for which development plans have been/are being prepared by the State, which includes the controlled areas, which are yet to be identified by the Census as urban Centres, hence, the variation shall continue as observed by NCRPB.</p> <p>areas for (b) The urban population of the development plans has been given by considering it as a single unit, which may contain one or more urban centres including the 'out growth' and 'census towns' also.</p> <p>(c) Title of Table 4.6 has been rectified.</p> <p>(d) Table 4.7 has been deleted, as the details stands provided in the earlier tables given in this chapter.</p>	

Sl. No.	Observations of NCRPB communicated to Govt. of Haryana vide letter dated 16.12.2013	Reply of Govt. of Haryana as provided in the Compliance Report	Observations of NCRPB on Status of Compliance as well as on the Revised SRP-2021 for Haryana Sub-Region of NCR.																			
(A)	(B)	(C)	(D)																			
	As per Haryana SRP-2021: Total Population: 166,84,000. Urban Population: 105,04,000. Rural Population: 61,80,000.																					
4.3	<p><u>Section 4.3 -Settlement Hierarchy and Pattern:</u></p> <p>a. Total number of settlements as mentioned in Table 4-9 and 4-11 do not match. Total number of settlements in Table 4-9 is 2311, whereas it is 2309 as per Table 4-11. This needs to be corrected.</p> <p>b. Also, there should be two maps clearly showing existing settlement hierarchy as per Census 2011 and the proposed ones (with all type of settlements), in order to pictorially depict the transformation of settlements.</p> <p>c. Section 4.3.1 – Existing Scenario of Settlement Pattern: Last para of this section mentions “....eight Sub-Regional Centres, nineteen Service Centres and eight Central Villages in 2011”. Whereas in table 4-9 & 4-10, number of settlements under these three categories are as per the following:</p> <table><tr><td>-Sub-Regional Centres:</td><td>7.</td></tr><tr><td>-Service Centres:</td><td>66.</td></tr><tr><td>-Central Villages:</td><td>158.</td></tr></table> <p>This is to be corrected.</p>	-Sub-Regional Centres:	7.	-Service Centres:	66.	-Central Villages:	158.	<p>(a) Necessary rectification in number of settlements has been done in Table 4.10 & 4.11.</p> <p>(b) Map 4.4 & 4.5 have been inserted.</p> <p>(c) Settlement hierarchy has been rectified under para 4.4.</p>	Incorporated.													
-Sub-Regional Centres:	7.																					
-Service Centres:	66.																					
-Central Villages:	158.																					
4.4	<p><u>Section 4.3.2 -Projected Settlement Pattern:</u></p> <p>Following discrepancies w.r.t. RP-2021/DRRP-2021 exist in the proposed settlement pattern:</p> <table><tr><th rowspan="2">Sl. No.</th><th colspan="2">METRO CENTRES</th><th colspan="2">REGIONAL CENTRES</th></tr><tr><th>RP-2021 / DRRP-2021</th><th>Haryana SRP-2021</th><th>RP-2021 / DRRP-2021</th><th>Haryana SRP2021</th></tr><tr><td>1</td><td>Faridabad-Ballabgarh Complex</td><td>Faridabad</td><td>Bahadurgarh</td><td>-</td></tr><tr><td>2</td><td>Gurgaon-Manesar</td><td>Gurgaon</td><td>Panipat</td><td>Panipat</td></tr></table>	Sl. No.	METRO CENTRES		REGIONAL CENTRES		RP-2021 / DRRP-2021	Haryana SRP-2021	RP-2021 / DRRP-2021	Haryana SRP2021	1	Faridabad-Ballabgarh Complex	Faridabad	Bahadurgarh	-	2	Gurgaon-Manesar	Gurgaon	Panipat	Panipat	<p>Settlement hierarchy has been rectified as per DRRP 2021 AD.</p> <p>Phasing for MBIR stands provided in table 4.6 for the year 2021 & 2031.</p>	<p><u>Page 58, Annexure 4.2 - Proposed Six tier hierarchy of settlements in Haryana Sub Region (2021):</u> Following discrepancies w.r.t. RP-2021/DRRP-2021 still exists in the proposed settlement pattern:</p> <p>i. Faridabad-Ballabgarh complex, Gurgaon-Manesar complex and Sonapat-Kundli complex has been proposed as Metro and Regional Centres in RP-2021/DRRP-2021, but Haryana SRP-2021 has proposed only Faridabad, Gurgaon and Sonapat as a Metro centre and Ballabgarh, Manesar and Kundli</p>
Sl. No.	METRO CENTRES		REGIONAL CENTRES																			
	RP-2021 / DRRP-2021	Haryana SRP-2021	RP-2021 / DRRP-2021	Haryana SRP2021																		
1	Faridabad-Ballabgarh Complex	Faridabad	Bahadurgarh	-																		
2	Gurgaon-Manesar	Gurgaon	Panipat	Panipat																		

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(A)	(B)				(C)	(D)
		Complex				
3	Sonepat-Kundli Complex	-	-	Sonepat		has been omitted, whereas as per the table 4.6 of Haryana Sub-Regional Plan-2021, Development Plan has been prepared for Gurgaon-Manesar complex (Gurgaon -GMUC (2031)) and Sonepat-Kundli Urban Complex (Sonipat- Kundli(2031)).
4	-	-	Rewari	Rewari		
5	-	-	-	MBIR (Bawal)		
6	-	-	Rohtak	Rohtak		
8	-	-	Palwal	-		This is to be corrected.
	Observations: 1. Sonepat-Kundli Urban complex has been proposed as Metro Centre in RP-2021/DRRP-2021, but Haryana SRP-2021 has proposed only Sonepat as a sub-regional centre and Kundli has been omitted, whereas Development Plan has been prepared for Sonepat-Kundli Urban Complex. This is to be corrected. 2. Bahadurgarh and Palwal have been proposed as Regional Centres in RP-2021/DRRP-2021, but Haryana SRP-2021 has proposed these two as Sub-Regional Centres. This is to be corrected as per RP-2021/DRRP-2021. 3. MBIR (Bawal) has been proposed as Regional Centre in Haryana SRP-2021. A brief description on MBIR has been provided in Section 14.2.1 (iii), page 14-4, where proposed employment generation of 1.6 million and proposed population of 3.19 million have been mentioned. But the horizon year for the proposed population and employment generation is not mentioned. If the horizon year is beyond 2021, then the phasing plan till 2021 needs to be clearly mentioned. It is required that detailed description/analysis be provided on proposed employment generation/population by 2021 which is perspective year for both RP-2021 and SRP-2021.					
4.5	Migration (in-migration & out-migration) data for the period of 1991-2001 need to be provided in this chapter.				Details have been given under para 4.3.	Incorporated.
4.6	Section 17 (3) (b) of the NCRPB Act, 1985 mentions that a Sub-Regional				Needful has been done in	Incorporated.

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(A)	(B)	(C)	(D)												
	Plan may indicate "future urban and major rural settlements indicating their area, projected population, predominant economic functions, approximate site and location". Haryana SRP-2021 has mentioned existing and proposed settlements under different categories, but their roles in terms of "predominant economic functions" need to be mentioned in detail.	Table 4.11 and 16.4.													
	CHAPTER 5: Economic Profile														
	Additional Observations														
N-5.1	Name of the chapter should be "Economic Scenario", in place of "Economic Profile".														
N-5.2	Section 5.4.5 gives the Recommendations. These recommendations may be given/named as "Policies and Proposals" instead.														
5.1	It is observed that Haryana SRP-2021 has provided details of Secondary sector only. It is suggested that in order to assess existing economic status, data and analysis thereof of all the sectors of the economy be provided for comprehensive understanding. Vision for economic development for the entire sub-region would emerge from this analysis.	Data analysis relating to primary and tertiary sectors has been inserted under para 5.2.	Para 5.2 added. Data provided in tables. Analysis may also be added in paras below the tables.												
5.2	Section 5.4.2 -Existing Industrial Analysis: Total number of registered industries in Table 5-4 and 5-5 not matching. Specific discrepancy is mentioned in the following table: <table border="1"> <thead> <tr> <th>Table No.</th><th>No. of Industries in Palwal District</th><th>No. of Industries in Mewat District</th><th>Total</th></tr> </thead> <tbody> <tr> <td>Table 5-4</td><td>16</td><td>0</td><td>6911</td></tr> <tr> <td>Table 5-5</td><td>19</td><td>6</td><td>6914</td></tr> </tbody> </table> This needs to be corrected	Table No.	No. of Industries in Palwal District	No. of Industries in Mewat District	Total	Table 5-4	16	0	6911	Table 5-5	19	6	6914	Necessary rectification in revised table 5.10 and 5.11 has been done.	Revised tables 5-10 & 5-11 added.
Table No.	No. of Industries in Palwal District	No. of Industries in Mewat District	Total												
Table 5-4	16	0	6911												
Table 5-5	19	6	6914												
5.3	Section 5.1 -Economic Base: a. Presently the Haryana SRP-2021 stresses only on Secondary Sector (that too mainly on Industries). A comprehensive analysis of the existing status of economy is to be provided. Also, analysis is to be carried out & presented as per the 9 categories of economic activities as laid down in Census of India. b. Growth rate of GDP and Per Capita Income in Haryana sub region	(a) As at para 5.1 above. (b) Growth Rate of GDP and PCI has been provided in table 5.1 to 5.4.	Provided in table 5.1 & 5.4 Para 5.2 added. Data provided in tables. Analysis may also be added in paras below the tables.												

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(A)	(B)	(C)	(D)
	should also be given in relevant section (after Table 5-1 and 5-2 which provides absolute figures).		
5.4	Section 5.2 -Work Force Participation: Structural composition of workforce (workers in Primary Secondary and Tertiary sector), as provided in the RP-2021/DRRP-2021, should be provided/detailed out.	Requisite details have been provided under para 5.2.	For comparison of Structural Composition of Main Workers, the data of Census 1991 and 2001 has been used. Census 2011 data should also be used / analysis. Detailed breakup of the structural composition of workforce for the 2011 census was expected in early 2014 from Census of India. This may be mentioned (may be as a foot note) in case data is still not available or if the data is now available, then the same be procured and suitably used/analysed.
5.5	RP-2021/DRRP-2021 has summarized that out of all districts in Haryana sub region, Mewat has the lowest per capita income and low levels of workforce in secondary sector. Aspect of financial inclusion has also been highlighted. The Haryana SRP-2021 doesn't mention about the same at all. Summary of feasibility of all possible investments in Mewat should be provided. Also, proposed measures for higher level of financial inclusion is to be provided.	Details of projects being undertaken for development of Mewat has been provided under para 5.5.	It may be recommended as a policy/proposal that Physical and Social Infrastructure would be boosted in the district of Mewat.
5.6	It is suggested that a brief section on "Industry Market Assessment" be provided that would summarize the potential (& magnitude thereof) of the Haryana sub region for various industry segments. Proposals of various industrial estates, IMTs etc. should be correlated with this.	Requisite details have been provided under para 5.3 to 5.4.4.	Added.
	CHAPTER 6: Transportation		
	Additional Observations		
N-6.1	<p><u>MAP 6-1</u></p> <p>I. It has been observed that some of the roads at the Master/Development Plan level have been shown. It has further been observed that some of these roads extend into the neighbouring States. For example, Northern Peripheral Road has been extended into Delhi. All such roads are to be deleted from the Sub-Regional Plan.</p> <p>Portion of Eastern Peripheral Highway to be marked as "KGP" appropriately.</p>		

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(A)	(B)	(C)	(D)
N-6.2	<u>Table 6-7</u> I. Correct as Regional Sub-arterial Add the phase-wise development of all sub-arterials in the Sub-region from the Regional Plan and Functional Plan as per the phasing till the year 2021.		
N-6.3	<u>MAP 6-4</u> I. Delhi-Jaipur Expressway (Not a part of RP 2021 or Functional Plan 2032) is shown but not mentioned in Text or in the Land Use Map. The same is extended inside Delhi and forms inter-connectivity between states. II. NPR is extended from Haryana State boundary into Delhi. It is to be curtailed and should remain in Haryana State Boundary III. Metro Line from Sushant-lok sector 48 along NPR and SPR is to be terminated within the Boundary of the State of Haryana. IV. Metro Line Dwarka Sector 21 to IFFCO Chowk should be incorporated as Airport Express Line. RRTS- Delhi-Gurgaon-Rewari-Alwar is incorrectly marked and the one used in Land-Use map should be used.		
N-6.4	<u>Land-Use Map</u> I. All by-passes as shown in Map 6-4 needs to be II. All important Roads of MBIR to be highlighted based on their Status i.e., SH, MDR or ODR or Other Roads. III. MRTS lines between Dwarka and Gurgaon along NPR needs to be curtailed till Boundary of the State of Haryana. All State Highways are curtailed till Control Area Boundary, they need to be extended and shown inside Control Area Boundary		
N-6.5	<u>Para 6.9 table 6-12</u> I. Implementing Agency for Regional Rapid Transit System (RRTS) under a. Sl no. 5 Rail Projects – Implementing Agency to be mentioned as National Capital Region Transport Corporation (NCRTC) and Present status should be reported as “ Feasibility Study is completed and Detailed Project Reports are being prepared Sl no. 9, Rail Projects – Implementing Agency to be mentioned as National Capital Region Transport Corporation (NCRTC)		
N-6.6	<u>Para 6.9.2 v</u> By Pass Roads should be mentioned as a separate para instead of clubbing it with Manesar Bawal Investment Region.		
N-6.7	<u>Map 6-6</u> Alignment of RRTS Delhi-Alwar needs to be corrected.		
6.1	Comparison of road density to be provided (with other sub regions in NCR, Haryana State and at national level).	Information has been provided under para 6.3.1.	Incorporated, although Tale 6-3 seems to be irrelevant as same data are available in Table 6-4.
6.2	Section 6.2.1 -Existing Traffic Volume: Capacity utilization for various major roads to be provided. This should form the basis for the proposals of strengthening of the roads, or construction of completely new roads.	The surveys relating to the existing traffic volume and the modal split of traffic are costly and time consuming exercises	Incorporated.
6.3	It is observed that analysis of existing travel pattern (modal split etc.) is		Incorporated.

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(A)	(B)	(C)	(D)
	not provided. This, alongwith the projected modal split (taking into account the proposed transportation projects), needs to be provided in order to ascertain impact of the proposed projects at a macro level.	which are undertaken on periodic basis for strengthening of the existing roads.	
6.4	A brief section on example of non-motorised transport in the city of Groningen of the Netherlands has been mentioned in Annexure 14-3 (age 80 of Annexure section). However, the Haryana SRP-2021 needs to lay down guidelines for promotion/ encouragement of non-motorised transport that should be followed by various agencies while preparing development/ Master Plans of various urban centres. The same should be	Provisions for non-motorised traffic have been provided in para 6.3.7.	Incorporated at para 6.8.
6.5	RP-2021/DRRP-2021 has proposed development of Integrated Freight Complexes (IFCs) at five locations (Sonapat, Bahadurgarh, Jhajjar, Gurgaon & Palwal); Logistic Hubs / Inland Container Yards at Rewari; Distribution Centres at four locations (Asaoti / Pirthala, Dharuhera, Rohtak and Panipat). It has been observed that Haryana SRP-2021 does not detail out these proposals, which have significant impact on transportation. This is to be incorporated and other transport related proposals need to be integrated with this.	Proposals relating to IFC, Logistic Hubs and distribution centres have been given under para 6.7.	Incorporated at 6.12
6.6	As per Section 17 (3) (c) of the NCRPB Act, 1985, "road network upto the district roads and roads connecting major rural settlements" may be included in the Sub-Regional Plan. However, Haryana SRP-2021 has detailed out proposals till Major District Roads (MDR) only. It is suggested that details of Other District Roads (ODR) connecting important settlements be provided in the analysis and proposals section.	Details relating to ODR have been given in table 6.1, 6.3 & 6.4.	Analysis is incorporated and proposals are in para 6.9.2.v.
6.7	It is observed that Origin-Destination analysis has not been provided in Haryana SRP2021. Summary of O-D analysis is essential to be provided since this would form as a base for strengthening existing corridors / firming up proposals for new corridors.	O-D analysis have been provided at page 95-96 of the report.	Incorporated
6.8	The policies & proposals for Transportation for the Sub-Region should be given in this chapter instead of providing in Chapter 14.	Needful has been done.	Incorporated
	CHAPTER 7: Power		

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(A)	(B)	(C)	(D)
N-7.1	Table 7.5 page 126: Data for 2010-11 and 2011-12 to be provided. In Table 7.6 page 126, data for the year 2011-12 to be provided.		
N-7.2	In para 7.4.1 it is observed that the details of forecast has been given as per the 17 th Electric Survey Power Report. The 18 th Electric Survey Power Report has been prepared by the CEA need to be incorporated.		
N-7.3	In para 7.6 Feature Development Policy, the policies and proposals should cover recommendations and other policies and strategies. This need to be suitably amended.		
N-7.4	In para 67.3 and Table 7-1 (Existing Power Requirement and Deficit) and 7-2 (Existing Peak Power Requirement and Deficit), variations are observed between the figures of Revised RP-2021 and the SRP on the Power Requirement during the period April 2012 to March 2013. These need to be checked and corrected.		
N-7.5	This Chapter should be suitably reorganised as per Chapter 7: Power of Revised Regional Plan-2021.		
7.1	List of solar power projects has been provided in Annexure 7-8 (e) (page 37) in the Annexure section, analysis in greater detail on potential of various non-conventional / renewable energy sources as well as proposed strategies to materialize the potentials are to be mentioned (e.g. comparison of Solar Radiation with other areas of the country where solar power plants are operational, would establish the potential of the sub-region for solar power plants). Strategies for promotion of renewable energy are to be formulated.	Details of renewable energy projects have been given at para 7.6.2.	Incorporated.
7.2	Section 7.3.1 (i) (page 7-3) Review of Plans: Haryana SRP-2021 uses data of 17 th Electric Power Survey report of Central Electricity Authority (CEA), whereas report of 18 th Electric Power Survey by CEA is available. Data from the latest report is to be incorporated/analysed.	The details in this chapter have been provided on the basis of 18 th Electric Power Survey.	Not incorporated.
7.3	The policies & proposals for Power for the Sub-Region should be given in this chapter instead of providing in Chapter 14.	Needful has been done.	Not incorporated. Policies and proposals to be brought clearly.
	CHAPTER 8: Water, Sewerage and Solid Waste Management (In the revised SRP, Water has been covered in Chapter 8, whereas "Sewerage, Solid Waste Management, Drainage and Irrigation" have been covered in Chapter 9)		
	Additional Observations		
N-8.1	<p>It may be noted that the DRRP-2021 has dealt with a particular sector in the following sequence:</p> <ol style="list-style-type: none"> Existing Situation and analysis thereof. Issue and Challenges of that particular sector. Policies and Proposals, considering Sl. No. (a) and (b) above. <p>It has been observed that in some of the sectors/chapters, the above-mentioned logical sequence is missing, for example, in Sewerage and Irrigation, 'Issues and</p>		

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(A)	(B)	(C)	(D)
	Challenges' are missing (even though the issues in the Solid Waste Management, Drainage and Irrigation sectors has briefly been covered within 'Background'). It is suggested that every sector/chapter be covered under the afore-said three main heads in line with the DRRP-2021, for ensuring logical flow of the Plan.		
N-8.2	It has been observed that Para 9.3, page 201 seems to be wrongly inserted in Solid Waste Management portion. This is to be corrected.		
N-8.3	<u>Para 9.7.1: Background, page 206:</u> It has been observed that this section covers overall scenario of water requirement vis-à-vis water availability in the entire NCR. Similar background must be provided at the Haryana Sub-Region level.		
N-8.4	<u>9.7.2 (ii), (Demand Management of Water) page 206:</u> Similar to Sl. No. N-8.3, it has been observed that this section also provides details at the NCR level. Details must be provided at the Haryana Sub-Region level too.		
N-8.5	It has been observed that policies and proposals pertaining have been provided in various sections, instead of under one head of "Policies and Proposals". For example, Para 8.8: Use of existing infrastructure to its optimum, page 183 has listed & detailed out 'Reduce UFW losses in piped water supply system' as one sub-head. Para 8.9.6: Policies & Proposals for Water Management also lists & details out 'Reduction in NRW' in page 191. Further, Para 8.8, Para 8.6 etc. should be detailed out as sub-paras under the Para on overall "Policies and Proposals" only. It is required that "Policies and Proposals" is well structured, with all relevant policies clubbed under this head. It is further suggested that each policy/proposal be given a para number for easy referencing.		
N-8.6	Projected Domestic Water Demand has been mentioned as 781 MCM in Table 8-31, page 186 and Table 8-32, page-187 whereas as per Table 8.11, page 163 as well as the DRRP-2021, this should be 789 MCM. Total water demand would be 9775 MCM. This is to be checked and corrected.		
N-8.7	<u>Table 8-33, page 187:</u> It has been observed that total projected water demand is wrongly mentioned. This is to be checked and corrected.		
N-8.8	Map 8-2 (Proposed Barrage Locations – NCR), page 177 is not readable.		

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(A)	(B)	(C)	(D)
	Bigger and clear map is to be provided.		
N-8.9	Para 8.9 mentions about "Water Proposal". The heading should be changed to "Policies and Proposals".		
N-8.10	Source of Table 8-28 (page 184), Table 8-31 (page 186) is missing. The same is to be provided.		
N-8.11	<u>Table 8.1: Ground Water Resources in NCR, 2009</u> Quantity of water has been mentioned in MCM. It should be "MCM/Year". Further, figures of Annual Replenishable Ground Water Resource (mcm/year) and Net Ground WATER Availability (mcm/year) are to be checked.		
N-8.12	<u>Para 8.2: Existing Situation and Issues:</u> Town wise existing status of quantity supplied, coverage, metering, revenue, expenditure, quality, etc should have been given. For villages statistics of coverage etc. may be given. Page 162, text below Table 8.3: In the last line, it has been mentioned thatWater Supply in 27 cities/towns..."This should be "...30 cities/towns...". This is to be corrected.		
N-8.13	Map 8.1: Major Rechargeable Areas in the Sub-Region: Bigger and legible map is to be provided. It has further been observed that Source of the Map has been mentioned as DJB, UPJN, PHE Department of Rajasthan, apart from PHE Department, Haryana. Since the Map shows Major Rechargeable areas in the Haryana Sub-Region, the source is to be checked and corrected.		
N-8.14	Table 8-24: Quantity of treated sewage (BCM/ year): It is to be clarified whether the data of this table correspond to entire NCR or only for Haryana Sub-Region.		
N-8.15	Table 8-33: Projected Estimated Water Shortage in 2021 (in MCM): Total water deficit should be 4551 MCM, in place of 4552 MCM as mentioned in the table as well as in the text of para 8.9.3 and 8.9.4 (Page 189).		
N-8.16	List of completed and ongoing projects, including the ones funded by NCRPB along with total cost of the projects in the Water sector is to be provided.		
	<u>Sewerage, Solid Waste Management, Drainage and Irrigation (Chapter 9 in the revised SRP)</u>		
N-8.17	It has been observed that Issues & Challenges and Policies and Proposals in the Sewerage sector has been covered in brief. These are to be covered in detail, in line with the DRRP-2021.		
N-8.18	List of completed and ongoing projects, including the ones funded by NCRPB along with total cost of the projects in the Sewerage, Solid Waste Management, Drainage and Irrigation sectors are to be provided.		
N-8.19	It has been observed that in Para 9.6: Irrigation, data and information at the Regional level have been provided. Data/Information at the Sub-Regional level too is to be provided.		
N-8.20	Table 9-7: Figure for 'STPs under construction (MLD)' should be 461, in place of 368.4 as mentioned in the table.		

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(A)	(B)	(C)	(D)
N-8.21	Para 9.2.2: Solid Waste Zones: In the para "Urban Areas" (page 202), the figure of urban population is to be corrected from, 10.52 Million to 10.65 million. In the same paragraph, average generation rate for solid waste is to be corrected from "0.3 kg/day/HH" to "0.3kg/day/capita".		
N-8.22	Table 9-9: It should be mentioned that the population corresponds to Urban Population only, and not entire Haryana Sub-Region.		
N-8.23	It has been observed that data of table 9.1, 9-2 and 9.3 do not tally. Following are some of the examples: <ul style="list-style-type: none"> As per table 9.1 coverage of sewer network (%) in case of Samalkha town in Panipat district is 71%, whereas as per table 9.3 the figure is 0%. This is to be checked and corrected throughout the tables. It has been observed that population figures do not match with the projected population in various districts as provided in Table 4-5, page 37. For example, in case of Gurgaon district, population 2021 as per Table 4-5 is 3056183, whereas, as per Table 9.3, the figure is 2956183. This is to be thoroughly checked and corrected. In case of total population for Haryana Sub-Region also, the figure should be 16828000, in place of 16703089, as mentioned. In case of Actual Sewage Generation in 2021 also, as per Table 9-2, this is 1342 MLD, whereas as per Table 9.3 this is 2550.2 MLD. This is to be checked and corrected. <u>The above-mentioned discrepancies are to be thoroughly checked and uniformity in facts & figures are to be maintained in Table 9.1, 9-2 and 9.3.</u>		
8.1	MoUD has laid down detailed criteria / parameters for Service Level Benchmarking (SLB) in the sectors of Water, Sanitation, Solid Waste Management and Storm Water Drainage, with an objective to assess level of service delivery under these sectors. Haryana SRP-2021 should provide a table highlighting performance data of the urban centres in various service related parameters as laid down in "Service Level Benchmarking" vis-à-vis the "benchmark data" as specified by MoUD. Such analysis would bring out the present status of service delivery in various utilities and summarize the gaps. This analysis will form the basis of selection of the focus area/sector for maximum attention/intervention.	Details regarding benchmarking have been provided in the report.	<p>Provided. However, the following may be noted/corrected:</p> <ul style="list-style-type: none"> It has been observed that Annexure A1 has been provided which contains the notification by Govt. of Haryana regarding fixation of Service Level Benchmarks to achieve the target for improvement for all the towns in the state of Haryana in the sectors of Water Supply, Sewerage, Storm Water Drainage and Solid Waste Management. A district-wise summary in the Water Supply sector has been provided in Table 8.20. However, the afore-said notification has provided target for 2013-14 only. Since the Sub-Regional Plan for Haryana is prepared with the perspective year 2021, target proposed to be achieved till 2021 is to be provided.

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			<ul style="list-style-type: none"> It has been observed that in the Water chapter, a district-wise summary has been provided in Table 8.20. A town-wise (within the Sub-Region) summary is to be provided in the respective sectors, clearly indicating the present status and proposed target till 2021. It has also been observed that the SLB on existing status be provided under Existing Situation and Issues. Presently, Table 8.20 has been provided in Para 8.5.1: Present Sources of Water & Hydrological cycle Sub-Region.
8.2	Unless absolutely essential, contents of the individual chapters as per RP-2021/DRRP-2021 is to be maintained for ease of correlation and uniform flow of the plans. In the Haryana SRP-2021, Water has been clubbed with Sewerage and Solid Waste Management and Chapters on Drainage & Irrigation are missing.	The aspect relating to Water has been separated as Chapter 8; while separate chapter 9 has been inserted for "Sewerage, Solid Waste Management, Drainage & Irrigation".	Incorporated.
8.3	Rainfall data is to be correlated with the existing topography of the sub region in order to recommend potential areas for watershed developments. This would especially prove conducive to meet water demand in rural areas.	Requisite details have been provided under para 8.8.	Incorporated.
8.4	<u>Section 8.3.1 -Surface Water Source Identification</u> : Appropriate strategies for augmentation/rejuvenation of the lakes/ponds are to be formulated. The work of rejuvenation of ponds & lakes may be linked to rural employment guarantee programmes in order to engage the community. The Haryana SRP-2021 needs to clearly mention this.	Requisite details have been provided under para 8.6.	Incorporated. However, the mention of rural employment guarantee programmes in order to engage the community may be mentioned.
8.5	It seems that the policies and proposals as outlined in the RP-2021/DRRP-2021 for total water management have not been incorporated properly. The same should be referred to and detailed out with proper analysis of each section.	Requisite details have been provided under para 8.7.	Same as Sl. No. N-8.5 above.
8.6	<u>Section 8.4 -Ground Water Resource</u> :	The details from CGWB Report	Incorporated. However, Table 8-16, page 168 (Ground

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(A)	(B)	(C)	(D)
	.a. Details of Ground Water Resources for various districts are based on the CGWB Report in 2004, whereas Report as on 2009 is already available and has been used in RP-2021. The same should be .b. Headings of table 8-5 to be formatted properly.	2009 has been inserted under para 8.4.2.	Water Resources of Panipat District) seems to have used 2004 data. This is to be checked and corrected.
8.7	<u>Section 8.6 -Sewage/Wastewater:</u> .a. Analysis covering present status of Sewerage System is to be mentioned (population & households and area covered by sewerage system/individual toilets in case of rural area, coverage of sewer network in urban areas etc.). .b. Projection on sewage generation is to be provided in detail, considering projected settlement pattern and proposed economic activities. .c. Demand-Supply gap (in terms of treatment capacity, coverage of areas by sewer lines etc.) is to be provided clearly, preferable in a tabular format. In this the STPs under construction should also be captured.	Details have been provided at para 9.1 & 9.3.	a. Incorporated. However, in the end of the table, it should be mentioned as "Sub-total of Haryana Sub-Region" instead of "Sub-total of Haryana". b. Incorporated. However, in Table 9.8, projected Sewage Generation in 2021 is mentioned as 1347.49 MLD, whereas as per Table 9-7 this should be 1342 MLD. Also, STPs under construction should be 461 MLD, instead of 411 MLD as mentioned in Table 9.8 and 368.40 MLD as mentioned in Table 9-7. Figures of Demand-Supply Gap would change accordingly. These are to be checked and corrected. c. Incorporated. However, observation as mention in Sl. No. (a) above is applicable here also.
8.8	<u>Section 8.7.3 -Solid Waste Management:</u> .a. It is observed that no such policies and proposals which required to be incorporated in the Master/Development as recommended in the RP-2021/DRRP-2021 are mentioned in the Revised Draft Final Report. It is suggested that the guidelines/policies proposed in the Regional Plan-2021 for preparation/incorporation in the Master/Development Plan should be incorporated in this Report. b. Maximum capacity of the existing landfill site/treatment facility is	Details have been provided at para 9.2 & 9.4.	Incorporated. However, it is required that Sl. No. 0.7 on structuring of each Sector is complied. Also Policies and Proposals need to be provided in greater details.

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	to be mentioned and appropriate strategy to meet excess demand, if any, to be formulated. The proposed Solid Waste treatment/landfill site should be shown in the map and the methodology/rationale of this selection is to be mentioned.		
8.9	Section 8.8 -Integrated Water Resource Management: This section seems to be wrongly inserted under "Solid Waste Management". This should be covered under "Water".	Needful has been done.	Incorporated.
8.10	The policies & proposals for each of the above-mentioned sectors for the Sub-Region should be given in this chapter instead of providing in Chapter 14.	Needful has been done.	Incorporated. However, Sl. No. N-8.5 regarding structuring the para on "Policies and Proposals" must be complied.
CHAPTER 9: Social Infrastructure (Chapter 12 in the revised SRP)			
Additional Observations			
N-9.1	Graphical representation using a Pie chart or a bar chart along with tabular data may also be provided, showing the existing and proposed situation of health facilities, like no. of hospitals, no. of beds, etc.		
N-9.2	After analyzing the existing health situation, required health facilities should be proposed like Superspeciality/Multispeciality/Referral hospitals etc. in proposed area (village/town/city) of the sub-region and of proposed capacity.		
N-9.3	Section 12.5.1.ii and 12.5.2.ii gives the Recommendations. These recommendations may be given/named as "Policies and Proposals" instead.		
N-9.4	All the Policies and Proposals as stipulated in the DRRP-2021 may be referred.		
N-9.5	Following two recommendations for Health may also be given: <ul style="list-style-type: none"> i. In a situation where there is a paucity of qualified healthcare personnel, the most optimal solution is distance healthcare (also including telemedicine, tele-consulting and tele-counselling) where expert advice can be made available at some central point and accessed as and when required by telephone or internet. ii. Tele-Preventive Medicine can also be used, the term 'tele-preventive medicine' is defined as the use of the internet to collect information from large number of people (both healthy and sick) to prevent outbreak of disease. 		
N-9.6	For Educational infrastructure few important aspects like Pupil-Teacher Ratio, complying with Right to Education norms are not considered neither for any analysis nor for any recommendation.		
N-9.7	After analyzing the existing educational infrastructure situation, required facilities should be proposed like Schools/College General/ITI/Polytechnic/Engineering College/Medical college etc. in proposed area (village/town/city) of the sub-region.		
N-9.8	Following two recommendations for Education may also be given:		

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(A)	(B)	(C)	(D)
	i. The need is to improve the mean year of schooling and to check steep drop out rate after the elementary level. There is also need to improve pupil teacher ratio to bring it at 30:1 as stipulated in the 12th plan so as to correct the imbalance in teacher deployment. ii. There is a need to give greater thrust to PPP intervention for creation of quality educational infrastructure at all levels especially technical and Higher education facilities.		
	Housing (Chapter 11: Shelter in the revised SRP)		
	Additional Observations		
N-9.9	Para 11.1- Page219: The first para may be modified as <u>According to Census 2011, there are 30,77,746 Housing units in Haryana sub-region, out of which 14,31,048 units (46%) are in Urban area and the 16,46,698 (54%) are in rural area. Out of the total housing stock, 89.6% is occupied and the rest lies vacant. In the sub-region 20, 44,045 housing units are used for primarily residential use out of which 54% houses are under good condition, 42% are liveable & only 4% are in dilapidated condition that need to be reconstructed or redeveloped.</u>		
N-9.10	Para 11.1- Page219: The second para may be modified as "From the above table it is clear that Faridabad & Gurgaon districts have more than 70% of the total housing units in the urban areas, whereas Sonipat, Jhajjar, Rewari, Mewat & Palwal districts have more than 60% of the housing units in their rural areas".		
N-9.11	Para 11.5, page 223 and Table 11.9 Page224: Slum in the sub-region , 2001 The slum population of urban centres needs to be updated with Census 2011 data.		
N-9.12	It is suggested that District / town wise implementation status of different Programmes and Policies Implemented by Ministry of Housing & Urban Poverty Alleviation to address the concerns of housing, infrastructure, slum development and basic civic amenities with special emphasis to urban poor should also be provided under section 11.5.		
9.1	At the outset of Haryana SRP-2021, comparison of Human Development Index (HDI) among various districts of the Sub-Region, other districts of the state and with national average may be provided in order to bring out the existing status of educational, health and economic parameters.	HDI has been inserted at para 12.3.	Added
9.2	Analysis is to be carried out on existing status of Social Infrastructure (education and health care facilities) vis-a-vis availability of physical infrastructure such as roads, drinking water, toilets, etc. This would	Requisite analysis for education infrastructure has been given in table 12.4.	Added

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	summarise status of existing social infrastructure. Sarva Shiksha Abhiyan (SSA) and other relevant govt. reports may be referred in this regard.		
9.3	Section 9.2 (pg 9-2) – Health Facilities (Table 9-9): Projection for no. of beds in 2021 has been provided only for district hospitals in Haryana Sub-region. Projection is to be carried out in a more comprehensive manner (with total no. of beds required).	Details have been provided in table 12.18.	In table 12-18 the column “2021” should be renamed so as to make it clear that it is showing the projected population for year 2021. This table should have been made comprehensive with columns like “Number of Beds required as per IPHS Norms”, “Available Number of Beds as in year”, Gap in Number of Beds as in 2011”, “Gap (In %)”.
9.4	Section 9.2 (pg 9-3) – Table 9-6: It is observed that number of beds available in Government and private hospitals of Haryana Sub-region has been mentioned. It is suggested that a comparison of no. of beds per thousand population vis-à-vis as proposed in UDPFI guidelines be provided for better assessment of the existing situation.	Need assessment for Health has been given at para 12.5.2.	Need assessment has been added from the Study on Health Infrastructure. IPHS norms/Data from Study on Health Infrastructure in NCR has been used.
9.5	The policies & proposals for Social Infrastructure for the Sub-Region should be given in this chapter instead of providing in Chapter 14.	Needful has been done.	Separate Chapter -12 on Social Infrastructure added.
9.6	It is suggested that Housing/Shelter be provided as a separate chapter with detailed data, analysis thereof and policies & proposals.	Separate Chapter 11 on ‘Shelter’ has been inserted.	
9.7	The chapter does not give a comprehensive data/analysis of existing housing stock. It is suggested that before going into qualitative analysis of existing housing stock (e.g. distribution of household by source of drinking water, lighting, roof & wall material, which are provided in Table 9-11, 9-12 9-13 & 9-14 respectively in Haryana SRP-2021), quantitative data/analysis be provided. As outlined in RP-2021/DRRP-2021, the following form basis for estimation of existing housing stock: -Total number of houses (primarily used for residential purpose). -Total number of dilapidated houses. -Total number of vacant census houses.	Details given in table 11.1, 11.2 & 11.10.	

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	Out of the above, data on only the first parameter have been provided. Data on the rest two alongwith detailed methodology adopted for estimation of Housing Stock and subsequently "Demand-Supply" gap are to be provided. It is suggested that the same methodology as adopted in RP-2021/DRRP-2021 be followed.		
9.8	The policies & proposals for Housing/Shelter for the Sub-Region should be given in this chapter instead of providing in Chapter 14.	Needful has been done.	
	CHAPTER 10: Heritage & Tourism (Chapter 13 in the revised SRP)		
	Additional Observations		
N-10.1	Details of challenges/issues, factors influencing the Policies and Proposals etc. are not added in this Chapter as mentioned above at Sl. No. 0.7 of observations of NCRPB. This should be added prior to formulation of Policies and Proposals.		
N-10.2	Page 250, Title of 13.4 is related to Existing Scenario of Heritage and Tourism in Haryana. It has been observed that in this section, tourist data analysis has been given. It is suggested that title of the Para may be changed from "Existing Scenario of Heritage and Tourism in Haryana" to "Existing Scenario of Tourist Flow in Haryana Sub-Region".		
N-10.3	Page 250, Para 13.4.1, in the last line numerical value of Annual growth rate of tourism in and around Haryana has been given without mentioning/symbolizing percentage. This should be corrected.		
N-10.4	Page 251, In Para 13.5.1, 13.5.2.....13.5.9, while giving the historical background of each district, first word i.e. History may be deleted from each para.		
N-10.5	Page 257, Map 13-1 is related to location of tourism sites in sub-region, it has been observed that in the legend only Kos Minar and Monuments have been mentioned. It is suggested that location of other tourism sites as given in earlier Plan should be added in this Map and reference of Map should be mentioned in the text also. It is also suggested that <i>Source</i> of the Map may be changed as mentioned above at Sl.No. 0.6 of observations of NCRPB.		
N-10.6	Page 258, Para 13.8.1 (iii) related to Policies for Protection of Built Heritage sites, in the last line following may be added: "Buildings proposed to be constructed in these areas should require a no-objection certificate from the relevant departments of archaeology before the building plans are sanctioned."		
N-10.7	It is suggested that Title of the Para 13.8 may be changed from " <i>Policies for Protection of Built Heritage sites</i> " to " <i>Policies and Proposals for Protection of Built Heritage sites</i> ". Similarly, Title of the 13.8.1 may be changed/modified.		
N-10.8	Page 262, Para 13.11 regarding Tourism Proposal, Policies and Proposals for Development of Tourism Sites as mentioned in the Draft Revised Regional Plan-2021 should have been listed out/referred and accordingly, Title of the Para may be changed.		
N-10.9	Page 262, Para 13.12 on Conclusions may be deleted and contents may be incorporated in relevant sections.		
N-10.10	Page 263, Annexure 13-1, reference of this Annexures have not mentioned/given in the Chapter. This should be added/referred in the Chapter. Information of the Annexure 13-2, 13-3, 13-413-10 have already given the Chapter as table 13-8, 13-9,.....13-14. These Annexures may be deleted.		

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10.1	It is observed that information given in the table 10.1 (page 10-1) does not match with the title. Also observed that titles of tables 10.3, 10-4 and 10.5 are not clear. It is suggested that all titles of tables may be corrected. It is also suggested that <i>Consultant's Analysis</i> as mentioned in Source of the Table 10-10, 10-11, 10-12, 10-13, 10-14, 10.15, 10-16, 10-17, 10-18, 10-19 and Map 10-1 may be changed. Information given in these tables is related to existing scenario. Therefore in source, name of the report/document, departments/agencies should be mentioned.	Necessary corrections have been done in Chapter 13 relating to Heritage and Tourism.	Source of the Map 13-1 has not been corrected.
10.2	Table 10-20 related to Hotel Accommodation in Haryana Sub-Region, page 10-10, source of the information is "Final Report on 20 years Perspective Plan for Sustainable Tourism Development in Haryana" which is prepared in March 2003. Updated data may be collected from the concerned departments and be incorporated in the Revised Report.	No subsequent report is available with the Tourism Department.	No comment.
10.3	Policies and proposals for protection and conservation of Natural Heritage sites as proposed in the Regional Plan-2021 has been mentioned in para 10.2.2.v. It is suggested that policies and proposals for Natural Heritage sites for Haryana sub-region should be mentioned in greater details and the same be clearly brought out so that the same can be followed in preparation of Master/Development Plans, Zonal Plans, etc.	Detailing of the policies/ proposals for protection and conservation of Natural Heritage sites has been done at para 13.8.	Added as suggested.
CHAPTER 11: Disaster Management (Chapter 15 in the revised SRP)			
Additional Observations			
N-11.1	Page 278, Map 15-1: Seismic Tectonic Features in Haryana sub-region, Source of the Map is NCR-RP-2021. It may be mentioned that this map has not been incorporated in Regional Plan-2021. Source of the Map may be corrected.		
N-11.2	Details of challenges/issues, factors influencing the Policies and Proposals etc. are not added in this Chapter as mentioned above at Sl. No. 0.7 of observations of NCRPB. This should be added prior to formulation of Policies and Proposals. Each section, para on conclusions may be deleted and contents may be incorporated in relevant sections.		
N-11.3	Page 294, Title of the Para 15.8 may be changed from Recommendation to Policies and Proposals under which strategies may be added.		
N-11.4	Page 294, Para 15.9 in which Strategies of Disaster Management related to earthquakes have been given. It is suggested that Policies and Proposals given in the Draft Revised Regional Plan-2021 should be listed out/referred and detailed out in Sub-regional Plan.		

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N-11.5	Page 296, Para 15.12: Disaster Management Proposals/strategies, it has been mentioned that Broad guidelines for development of Infrastructure for new development are given in Annexure which have not been given in Annexure. It is suggested that Para may be redrafted.		
11.1	In Point No. 1 of Para 11.8 on Recommendations, page 11-20, it has been mentioned that Disaster Management Committee (DMC) may be formed at Sub-regional level and District Disaster Management <u>Committed</u> (DDMC) at District Level. The underlined portion has been incorrectly mentioned. This is to be corrected	Necessary rectification has been done.	Corrected as suggested.
11.2	<u>Map 11-2: Earthquake Hazard Map of Haryana (page 11-6)</u> : This map reveals that entire Rewari, Gurgaon and Faridabad districts are located in Zone IV. Major investments in the form of Investment Region (IR), Industrial Area (IA), Industrial Model Township (IMT) and other industrial estates have been proposed/being taken up. It is suggested that the safeguard mechanisms be highlighted in Haryana SRP-2021. In view of the above, it is suggested that Seismic Hazard Microzonation (SHM) Map be provided in Haryana SRP-2021. The proposed location should correlate to this SHM Map. This has been highlighted in the RP-2021/DRRP-2021.	The safeguard mechanisms for seismic hazards have been elaborated in Chapter 15 (Disaster Management). As far as the SHMs are concerned, a study shall be initiated for the preparation of the SHM map for the sub-region as already mentioned in Chapter 15.9. Moreover, the above study is a time consuming and costly exercise.	One para in this regard has been added.
11.3	<u>Section 11.6 – Analysis of Disaster Management Preparedness in the Sub-Region (page 11-17)</u> : This section has provided Disaster Management Preparedness in the Haryana Sub-Region. It is suggested that a Pre & Post Disaster Management Plan be provided in Haryana SRP-2021	A reference for the same has been given under para 15.3, which have further been detailed out in the respective DDMPs.	Added ad mentioned.
11.4	It is suggested that policies and proposals be clearly identified/brought out with facts & figures and the policies & proposals for Disaster Management for the Sub-Region should be given in this chapter instead of providing in Chapter 14.	Needful has been done.	Not incorporated as suggested.
CHAPTER 12: Rural Development (Chapter 16 in the revised SRP)			
12.1	The number/population of rural settlements of NCR and Haryana Sub-Region in 2001 and 2011 should be collated and analysed to understand	Details have been given under para 16.1 and in Chapter 4,	

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	the temporal change.	while defining Settlement Hierarchy for the Sub-region.	
12.2	Section 12.2.1 (page 12-1) – "Objectives drawn from the NCR Plan", Table 12-1 refers to the objectives from various plans. It is recommended to mention the name of the plan from where the objectives have been taken.	The concerned section has been deleted and the policy & proposals have been given at para 16.8.	
12.3	Section 12.8 (page 12-9) – " <u>District Planning Committee and 73rd & 74th Constitutional Amendment in Haryana</u> ": It is observed that status of district plan preparation is not provided. It is suggested that this section should indicate status of preparation of District Plans and other provisions of 73rd & 74th CAA.	Requisite details have been provided under para 16.7.	
12.4	The policies & proposals for Rural Development for the Sub-Region should be given in this chapter instead of providing in Chapter 14.	Needful has been done.	
	CHAPTER 13: Land Use (Chapter 17 in the revised SRP)		
	Additional Observations		
N-13.1	Name of the Chapter should be "Sub-Regional Land Use", in place of "Land Use".		
13.1	Section 13.2 (page 13-1) -Existing Land Use Analysis: It has been observed that areas under 'Green Areas' and 'Wastelands' (as per 2012 record) are different from DRRP2021. This is to be checked & corrected.	Necessary rectification has been done in table 17.1.	Incorporated.
13.2	Section 13.3 (page 13-9) – Land Use Change Analysis: In the text, comparison of land uses between 1999 and 2008 has been mentioned. Annexure 13-1 mentions areas of various land uses as of 2008 only. But, Table 13-7 mentions land use areas in 2012 and not in 2008. Source of this data is not mentioned anywhere. The same needs to be mentioned.	Necessary correction has been done under para 17.3.	Not incorporated.
13.3	Section 13.4.2 (page 13-17) -Land Use Control: Zoning Regulation: RP-2021/DRRP-2021 has proposed that the Highway Corridor Zone (HCZ) will be delineated in the Sub Regional Plans, based on the revenue village boundaries by the respective state govts. Furthermore, HCZ is to be declared as controlled/development/regulated area and a Development/Master Plan will be prepared by the respective state govts.	Necessary provision has been made in para 17.4 & 17.4.2.	

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	<p>and duly notified. However, Haryana SRP-2021 mentions that the HCZs will be delineated in the Master / Development Plans (List of villages that fall within 500m on both sides of the National Highways has been provided in Annexure 13-2. However, this does not amount to delineation). It is required that the HCZ is delineated in the Haryana SRP-2021, alongwith details of areas covered under HCZ in various categories of land uses as per RP-2021/DRRP-2021 (controlled/development/regulated areas, agricultural land outside controlled areas etc.).</p> <p>In Section 13.4 (i) (c) of Haryana SRP-2021, stretches of the National Highways on which HCZ is proposed has been mentioned. This needs to be detailed out incorporating the following (preferably in a tabular format):</p> <ol style="list-style-type: none"> List & length of Expressways / NHs which are eligible for HCZs, as per RP-2021/DRRP-2021 (the list provided in Haryana SRP-2021 mentions only NHs, whereas land on both sides of the KMP Expressway has been identified as "Expressway Amenity Zone". This needs to be modified as per proposed land uses of RP-2021/DRRP-2021). Details of the lengths which have been notified. Details of the lengths which have not yet been notified. 		<p>a) Incorporated. The list of the Expressway/NHs has been given but length of the HCZ/NH have not been given.</p> <p>b) Not given.</p> <p>c) Not given.</p>
13.4	<p><u>Table 13-10: Proposed Land Use of Haryana Sub-Region-2021 (page 13-15):</u></p> <ol style="list-style-type: none"> Data of 1999 & 2012 are to be provided in this table for comparison purpose. A brief description should be provided before/after the table highlighting major points pertaining to proposed land use. It is observed that area proposed under water bodies is 0.61% of the total Sub-regional area. RP-2021 (Chapter on Water, Section 8.3.4, page no-84) as well as DRRP-2021 (Chapter on Water, Section 8.4.4, page no-111) has proposed 2-5% of total land area be preserved/maintained as water bodies in the Sub-Regional Plan. Policies & Proposals towards achieving the proposed land use as per 	Area statement for proposed landuses has not been provided, however, the provision for 2-5% area under water bodies and 10% under green areas have been made in Chapter 17 (Land Use). In the development plans like in case of GMUC 2031 AD provision has been made in sector 72 & 72A for an	<p>a) Incorporated.</p> <p>b) Incorporated.</p>

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	<p>RP-2021/DRRP-2021 are to be provided.</p> <p>c. In addition to the above, it has been observed that absolute area under Water Bodies has been reduced from the existing levels. This goes against principle of sustainable development, as RP-2021/DRRP-2021 underscores the need to preserve/maintain the existing water bodies.</p> <p>d. The above is applicable for Area under Forest/Green. RP-2021 & DRRP-2021 in Section 17.4.3 (ii) has underlined the importance of maintaining green area as 10% of total area whereas Haryana SRP-2021 has reserved 7.08% of land area as Forest land. Policies & Proposals towards achieving the proposed land use as per RP-2021/DRRP-2021 are to be provided.</p>	artificial water body for storage and recharging of ground water which has already been notified for acquisition.	d) Incorporated.
13.5	<p><u>Section 13.4.2 – Land Use Control: Zoning Regulation (page 13-16):</u></p> <p>a. It is observed that list of major activities/uses that are permitted in the zones identified is not provided in all the categories e.g. Highway Corridor Zone, Natural Conservation Zone, Agricultural (Rural) Zone within Controlled / Development / Regulated areas, Green Buffer etc. RP-2021/DRRP-2021 has mentioned that elaboration of the land use details and zoning regulations should be incorporated in the Sub-Regional Plans by the respective State Govts. This needs to be provided in detail.</p> <p>b. Last line of 2nd para, page 13-16 states that “As per NCR Regional Plan-2021, four broad zones have been identified and analyzed to implement zonal regulations”. It is suggested that it is changed to “Haryana SRP-2021 has identified.....”</p>	(a) The zoning regulations for different policy zones have been provided under para 17.4.2.	<p>It is observed that in the Sub-regional Plan following provisions/ note have been added which were not in the earlier plan:</p> <p>1. In para 17.4, the Zone i.e. Agriculture (Rural) Zone within Controlled/ Development/Regulated Areas, a new provision has been added as S. No.25.</p> <p>(25) Any other used as approved by the Director, Town & Country Planning, Haryana and regulated as per the policy parameters decided by the Government.</p> <p>This provision is not as per the Regional Plan-2021 and Draft Revised Regional Plan-2021 and need to be deleted.</p> <p>2. In para 17.4.3 the Natural Conservation Zone, a note has been added below provision (iv):</p> <p>Note: “However, in case some of the Natural Conservation Zone Area falls in the urbanisable zone/</p>

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			<p>notified SEZs, then the equivalent area will be compensated elsewhere by the State Government by including the same under the NCZ in the Sub-Region".</p> <p>The note be deleted as Natural Conservation areas within the urbanisable area are more prone to encroachment and destruction of ecologically sensitive features/ areas.</p> <p>In the Proposed Landuse Haryana Sub-Region Plan-2021 the Master Plan roads shown in the various settlements i.e. Metro Centres, Regional Centres, Sub-Regional Centres and Other Centres need to be deleted.</p> <p>The Special Economic Zone shown in the Proposed Landuse Map need to be deleted which are not part of the Landuse Plan. It is observed that the notation of urbanisable area (yellow colour) have been shown in various parts of the Sub-Region particularly in the "agriculture (rural) zone within controlled areas" and "agriculture (rural) zone outside controlled areas" which are not part of the urbanisable area of any towns/settlements may be deleted.</p>
13.6	It is suggested that Policies and Proposals under "Land Use" be detailed out extensively and be brought out clearly.	The detailed proposals have been given at para 17.4.3.	Incorporated.
13.7	Existing Land Use Map is to be provided in the same scale as the Proposed Land Use Map.	Needful has been done.	Incorporated.
13.8	<p><u>Proposed Land Use map (enclosed with the report):</u></p> <p>a. The following have been observed in the Proposed Land Use Map. The missing features are to be shown in the map / the discrepancies as mentioned below are to be corrected:</p> <ul style="list-style-type: none"> -It has been observed that all proposed transportation networks are not shown, for example Regional Orbital Rail Corridor (RORC), Inner Regional Orbital Rail Corridor (IRORC) 	Necessary updation in the land use map has been done.	Incorporated.

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	<p>etc. All the proposed networks are to be shown (in addition to the existing network) in a manner that they can be easily differentiated from the existing transportation network.</p> <ul style="list-style-type: none"> • -It has been observed that green buffer has not been shown on some of the highways. For example, NH-71 A (old number) (in the stretch of Panipat-Gohna-Rohtak-Jhajjar-Rewari) does not show green buffers along entire stretch. • It has further been observed that in some places, green buffer has been shown within Urbanisable area limits, too. For example, green buffer along NH -1 (old number) (in the stretch of Panipat-Samalkha-Ganaur-Sonepat) has been shown within Urbanisable limits of these towns. As per RP-2021/DRRP-2021, green buffers will be outside Urbanisable limits of towns. This is to be corrected. • -It has been observed that boundaries of some of the controlled/development/regulated areas are not shown properly (example: Ganaur town). Also, it is apparent from the Proposed Land Use map that boundaries of controlled/development/regulated areas at some places are not as per DRRP-2021. For example, part of the stretches of the KMP Expressway between Palwal to Sohna and Gurgaon to Sampla Urban Complex do not seem to be included in controlled/development/regulated areas, whereas DRRP-2021 has proposed the afore-said areas as controlled/development/regulated areas. This is to be checked and corrected. • -It has been observed that Highway Corridor Zones (HCZs), as per RP-2021/DRRP-2021 are not shown. For example, HCZ on both sides of NH-71 A (old number) (in the stretch of Panipat-Gohna-Rohtak-Jhajjar-Rewari) is not shown in the map. The same is to be reflected for all highways. In the proposed Land Use Map, an Expressway Amenity Zone of 1KM, which is 		

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	<p>apparent from the map, on either side of the Kundli-Manesar-Palwal (KMP) Expressway has been proposed. The proposed Land Use Map should be prepared showing the land use as "Highway Corridor Zone", and not as "Expressway Amenity Zone" as a special category. Each HCZ shall be clearly delineated as per village revenue boundary, as elaborated in Sl. No. 13.3 in subsequent section).</p> <p>Further, the afore-said Expressway Amenity Zone has been proposed in the areas within the Urbanisable limits, even through residential, industrial, public & semi-public etc. land uses, i.e. there is an overlap of land uses within controlled/development/regulated areas and the Expressway Amenity Zone. As per RP-2021/DRRP-2021, HCZ will be outside controlled / development / regulated areas. This is to be corrected.</p> <ul style="list-style-type: none"> -RP-2021/DRRP-2021 has proposed Natural Conservation Zone along Yamuna River. This is missing in the Proposed Land Use Map of Haryana SRP-2021. This is to be <p>b. Land Use Categories: It has been observed that the Land Use categories in the Proposed Land Use Map are not as per the RP-2021/DRRP-2021. For example,</p> <ul style="list-style-type: none"> -Existing built up area is not shown. -Detailed land uses of the Urban Centres have been provided (residential, industrial, public & semi public etc.), which is not required at the sub-region level and is to be removed from the Proposed Land Use Map. <p>The following land uses are to be shown in the Proposed Land Use Map, <i>inter alia</i> all transportation networks (existing & proposed, as mentioned earlier), natural/manmade features (such as canal. Drain, water bodies etc.) etc.:</p> <ul style="list-style-type: none"> -Existing Built Up. 		

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	<ul style="list-style-type: none"> -Natural Conservation Zone. -Urbanisable Area. -Agricultural (rural) Zone within Controlled / Development /Regulated Area. -Green Buffer along Highway & Railway Line. -Highway Corridor Zone. -Agricultural (rural) Zone outside Controlled / Development / Regulated Area. <p>It is further suggested that the legend of existing & proposed features are segregated for better understanding. <u>This Proposed Land Use Plan will act as a blueprint for all Master / Development Plans in future. The proposed Land Use Map will be prepared with utmost care, in line with the Land Uses given in the RP-2021/DRRP-2021.</u></p>		
	CHAPTER 14: Proposals & Recommendations (Policies and Proposals of a particular sector has been covered in the respective sectors/chapters)		
14.1	Section 14 – Proposals (page 14-1): It has been observed that the proposals formulated do not follow the sequence as given in RP-2021/DRRP-2021. For example, Section 6.8 of DRRP-2021 mentions transport proposals in a particular sequence, in order to ensure rational flow of the proposals. But the proposals as per Haryana SRP-2021 are at a deviation from this sequence. To add to this, proposals which are not directly related to transport, e.g. MBIR, has been included within transport proposals (please refer Section 14.2.1 (iii), page 14-4). This breaks the flow of proposals. This needs to be corrected and it is advisable that the same sequence of RP-2021/DRRP-2021 is maintained in this regard.	Rectified proposals have been made in the Transport Chapter 6.	Incorporated.
14.2	The DMIC Report mentions about an international standard Exhibition & Convention Centre (ECC) near Gurgaon-Manesar urban complex. Though this has been briefly covered in Section 14.2.2.vi (page 14-14) (under	The ECC is still at a conception stage and studies for its location and impact on traffic	Noted.

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	DFC), detailed analysis of proposed traffic and its impact on transportation system and other utilities etc. should be elaborated.	are being carried out. However, it is also mentioned that MRTS and RRTS have been planned along this corridor which will take a lot of burden of traffic generated by this centre.	
14.3	<u>Section 14.2.1.i (page 14-1) – Expressways: Delhi-Palwal-Hodal Expressway:</u> RP-2021/DRRP-2021 recommends the expressway till Palwal only. However Haryana SRP-2021 proposes the alignment till Hodal. Rationale behind this is to be mentioned. Hodal is projected as Sub-Regional Centre in 2021, and the RP-2021/DRRP-2021 recommends connecting Metro and Regional Centres with Expressways only (However, in Table 14-4, Palwal-Hodal has been correctly mentioned as “Regional Arterial”). This needs to be corrected.	Necessary rectification has been done at para 6.4.2 iii.	Incorporated.
14.4	<u>Section 14.2.1.i (page 14-1) – Expressways:</u> a. <u>Rewari-Palwal-Khurja Expressway:</u> It has been observed that the Proposed Transportation Network does not show this. This is to be shown in the map.	Requisite map has been updated.	Map is to be thoroughly checked.
14.5	<u>Section 14.2.1.iii (page 14-4) – Other Proposals:</u> The Concept Paper on DMIC dated August 2007 by Deptt. of Industrial Policy & Promotion, Ministry of Commerce & Industry, GoI, Faridabad-Palwal has been selected as "Investment Area" (IA) in Phase-I itself. As per policy framed by MoC&I, minimum of 100 Sq. KM of land area is required for an IA. The projected settlement hierarchy of Palwal and thereafter development strategy for both these urban centres may change after considering this factor. State Govt. may seek details of this proposal and present status on the same from DMICDC and incorporate in the plan accordingly.	The Faridabad Palwal investment region is now not been taken up by DMICDC in the first phase and MBIR which is being taken up has been incorporated in the SRP.	Noted.
14.6	<u>Section 14.2.1.iii (page 14-4) -Manesar Bawal Investment Region (MBIR):</u> a. The proposed major roads, such as the outer Peripheral Road would have significant impact at the regional/sub-regional level. Haryana SRP-2021 shows this only at the Development/Master Plan of MBIR	(a) Details have been incorporated in the map. (b) IMLH has been shown on the map and defined	Map is to be thoroughly checked for (a) and (b). Proposals of MBIR not incorporated either in text or in map.

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	<p>and not in the overall Proposed Transportation Network Plan. This needs to be</p> <p>b. From the proposed Land Use map of MBIR, it seems that IMLH is located within the boundary of MBIR. If this is so, this should be clearly shown in the map and mentioned in the report.</p> <p>c. Development/Master Plan of MBIR is to be removed at the sub-region level, only major proposals that have impact on the regional/sub-regional level, is to be shown.</p>	<p>under para 6.7.</p> <p>(c) Since the proposals of MBIR have been incorporated in the RP it has also been made a part of SRP and the developments to be undertaken upto 2039 AD have been incorporated in the plan.</p>	
14.7	<p><u>Section 14.2.1.iv (page 14-8) -Integrated Multimodal Logistics Hub (IMLH):</u></p> <p>a. Abbreviation of TEU to be corrected to "Twenty-Foot Equivalent Unit".</p> <p>b. Source of the estimated TEUs to be mentioned (DMIC Report etc.).</p>	Necessary rectification has been made under para 6.7.	Incorporated at 6.12.
14.8	<p><u>Section 14.2.1 (iv) (page 14-8) – Grade Separated Intersections:</u> It is observed that this section has summarized the locations where grade separated intersections are proposed. But detailed rationale/justification is not provided. It is suggested that criteria for grade separated intersections based on IRC code be provided along with total volume of intersection and volume of the movement which requires grade separated intersections, should be provided as justification for the grade separated intersections. In addition to this, the type of intersection based on RP-2021/DRRP-2021 whether Full/Partial/At Grade should be mentioned for each Interchange.</p>	The study on grade separated intersections is a periodic study being undertaken with the growth of traffic and these are incorporated as such in the development plans and while reviewing these DPs.	Incorporated at 6.10.
14.9	<p><u>Section 14.2.2 (i) Proposed Metro Rail Line:</u> It is suggested that uniform terminology of "MRTS" be used. Also, Functional Plan on Transport-2032 has proposed Regional MRTS in the stretches of "Faridabad-Palwal" and "(Badli) Soneat-Panipat" and "Bahadurgarh-Rohtak". These proposals, alongwith others as proposed in the Functional Plan on Transport for NCR-2032" are to be</p>	Rectification done at para 6.8.2.i & 6.3.5.	<p>Incorporated at 6.13.2.i, Sushant Lok-Greenwood City-Sector-48-Tikri Stabling Depot is not shown in the Map,</p> <p>Terminology of RRTS to be suitably modified as given in the DRRP or as " The RRTS is proposed to be a dedicated fast and comfortable suburban rail based transit system ensuring substantial reduction in travel time between the</p>

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	Section 14.2.2.ii: It is observed that terminology of RRTS has been wrongly mentioned. This is to be corrected.		cities and industrial development along the corridors”
14.10	Section 14.2.2 (iv) (page 14-13) Table-14-6: From the description it appears that the Regional Orbital Rail Corridor is terminating at Panipat and Palwal. It is suggested that the stretches of Panipat-Meerut (86km) and Palwal-Khurja (53km) should also be mentioned for better understanding of proposed regional connectivity. The portion falling within Haryana Sub-Region may be mentioned for clarity.	Necessary rectification has been done in para 6.8.2.iii.	Incorporated at 6.13.2, but map needs to be checked thoroughly.
14.11	<u>Section 14.2.2 (iv) B (page 14-13) -Inner Regional Orbital Rail Corridor / Other New Rail Lines:</u> It is observed that the IRORC section does not show Meerut-Baghat-Sonepat as proposed in the RP-2021/DRRP-2021. As mentioned in the previous comment, this must be mentioned for better understanding of regional connectivity.	Necessary rectification has been done in para 6.8.2.iii.	Not incorporated in text, but shown in map 6.6.
14.12	14.12 Section 14.2.2 (v) (page 14-14) -Other Proposals: Rohtak-Hansi Rail link is already under construction. Haryana SRP-2021 mentions it under “other proposals”. This should be corrected. Also, the following five additional rail links have been proposed in Haryana SRP-2021, which RP-2021/DRRP-2021 doesn’t propose. Necessary justification/rationale, alongwith facts and figures are to be provided for each of this proposals: 1. 1. Bilasur-Beri (63.10 KMs). 2. 2. Khukran-Panipat – doubling. 3. 3. Rewari-Sadulpur (gauge conversion). 4. 4. Harsauli-Rewari (39.35 KM) – doubling. 5. 5. Rewari-Manheru (69.02 KM) – doubling.	Necessary rectification has been done in para 6.8.2.iii.	All proposals deleted.
14.13	<u>Section 14.2.2 (vi) (Page 14-14):</u> It is observed that MRTS has been proposed in the stretch of Gurgaon-Manesar-Bawal, whereas RP-2021/DRRP-2021 has proposed MRTS in the stretches of Gurgaon-Manesar (in 2012-17) and Manesar-Rewari (2017-22) only. Necessary justification/rationale for this deviation is to be provided.	Bawal has been envisaged by HSIIDC as an industrial hub with an area of 3500 Acres and therefore MRTS has been envisaged upto Bawal. It is also mentioned that Bawal also gets connected through	This MRTS line runs parallel to proposed RRTS and proposed MRTS (Gurgaon-Manesar-Rewari)

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		RRTS proposed upto Alwar.	
14.14	Section 14.2.2 (vi) (Page 14-14) – Dedicated Freight Corridor (DFC): From available reports that are available on website of DFCCIL, it appears that in addition to the double line electric track as part of the DFC, there is a proposal of a single line connection of 32km length from proposed Pirthala Junction Station (near Asaoti on Delhi-Mathura line) to Tughlakabad in order to cater to Tughlakabad ICD. This line will have to be taken into consideration in all Development / Master Plans of various urban centres and subsequent project formulations. State govt. may seek necessary details of the proposal and present status of implementation on the same from DFCCIL and incorporate the same accordingly.	DFC is already being incorporated in the concerned Development Plans.	Map needs to be checked and the inclusion of proposal for Exhibition-cum-Convention Centre in Gurgaon District is not a transportation project, may be mentioned elsewhere. Alignment of DFC needs to be incorporated in the final land-use map.
14.15	Section 14.2.4 – Cost Estimate: It is observed that road category wise cost estimate (for all expressways/NHs etc.) has been provided. It is suggested that the categories be detailed out with all proposed transportation networks and block cost estimate to be provided accordingly.	Details are being sought from the consultant and shall be incorporated in the final report.	Not incorporated.
14.16	It is suggested that Bus Terminals proposed in the Functional Plan on Transport for NCR-2032 for various categories of towns needs to be In addition, proposals for development of new ISBTs and upgrading the existing ISBTs should be presented. Similarly the existing and proposed intercity bus transport proposals can be presented in the Haryana SRP-2021.	Bus terminals have already been provided in the development plans like in sector 36A of Gurgaon and sector 12 of Faridabad. Since, these details will be a part of the Comprehensive Mobility Plans of various towns the same will be implemented accordingly.	Not incorporated.
14.17	It is observed that Haryana SRP-2021 does not mention about Transit Oriented Development. It is suggested that a brief note on these two be provided under respective sections.	TOD has been incorporated at para 6.3.3.	Incorporated at 6.4.
14.18	Proposals for increasing commuter rail services/network, upgradation of some existing stations and new stations may be included for RORC and IRORC.	These details shall be part of the feasibility proposals of these new rail links.	Noted.
14.19	The following deviations from RP-2021/DRRP-2021 in transportation	Comments have been given	Incorporated.

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(A)	(B)	(C)	(D)						
	<p>proposals have been observed in Haryana SRP-2021. These need to be checked & corrected / justification to be provided in detail:</p> <table><tr><th>Referen ce in Haryana SRP- 2021</th><th>As per Haryana SRP-2021</th><th>As per Draft Revised Regional Plan-2021, NCR.</th></tr><tr><td>Table 14-1, page 14-1</td><td><p>a. Palwal-Hodal (NH-44) is classified as Expressway (proposed).</p><p>b. Delhi-Gurgaon (NH-48) is calssified as Expressway (proposed).</p><p>c. Gurgaon-Bawal NH-48) is calssified as Expressway (proposed).</p></td><td><p>a. Palwal-Hodal (NH-2) is classified as Regional Arterial (please refer Sl. No. 14.3 for details).</p><p>b. Delhi-Gurgaon (NH-4) is calssified as a Regional Arterial.</p><p>c. Gurgaon-Manesar-Dharuhera is classified as a Regional Expressway (Greenfield Alignment) and Dharuhera-Behror is classified as a Regional Arterial.</p></td></tr></table>	Referen ce in Haryana SRP- 2021	As per Haryana SRP-2021	As per Draft Revised Regional Plan-2021, NCR.	Table 14-1, page 14-1	<p>a. Palwal-Hodal (NH-44) is classified as Expressway (proposed).</p> <p>b. Delhi-Gurgaon (NH-48) is calssified as Expressway (proposed).</p> <p>c. Gurgaon-Bawal NH-48) is calssified as Expressway (proposed).</p>	<p>a. Palwal-Hodal (NH-2) is classified as Regional Arterial (please refer Sl. No. 14.3 for details).</p> <p>b. Delhi-Gurgaon (NH-4) is calssified as a Regional Arterial.</p> <p>c. Gurgaon-Manesar-Dharuhera is classified as a Regional Expressway (Greenfield Alignment) and Dharuhera-Behror is classified as a Regional Arterial.</p>	<p>against respective observation.</p> <p>The variations indicated in table has been addressed.</p>	
Referen ce in Haryana SRP- 2021	As per Haryana SRP-2021	As per Draft Revised Regional Plan-2021, NCR.							
Table 14-1, page 14-1	<p>a. Palwal-Hodal (NH-44) is classified as Expressway (proposed).</p> <p>b. Delhi-Gurgaon (NH-48) is calssified as Expressway (proposed).</p> <p>c. Gurgaon-Bawal NH-48) is calssified as Expressway (proposed).</p>	<p>a. Palwal-Hodal (NH-2) is classified as Regional Arterial (please refer Sl. No. 14.3 for details).</p> <p>b. Delhi-Gurgaon (NH-4) is calssified as a Regional Arterial.</p> <p>c. Gurgaon-Manesar-Dharuhera is classified as a Regional Expressway (Greenfield Alignment) and Dharuhera-Behror is classified as a Regional Arterial.</p>							

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(A)	(B)			(C)	(D)
	Section 14.2.1.(i), page 14-2	a. Panipat Rohtak-Rewari Expressway. b. Rewari-Palwal-Khurja Expressway.	a. The expressway is proposed in 2 parts, Panipat-Gohana-Rohtak and Rohtak-Rewari. b. This is two parts as per DRRP, Rewari-Dharuhera-Bhiwadi-Palwal is classified as a Regional Expressway (Greenfield Alignment) and Palwal-Khurja Regional Expressway (Greenfield Alignment)		
	Table 14-4, page 14-4, Sl. no. 25, 28 and 29	The following roads have been classified as Regional Arterials in the Haryana SRP-2021: a. Shahpur- Mundlana- Ganaur- Kotana - Baraut. b. Hodal-Nuh-Taoru. c. Taoru-Pataudi-Kulana.	These roads are classified as Regional Sub-Arterials in RP-2021/DRRP-2021.		
	Table 14-4, page 14-4, Sl. No. 30	The road in the stretch of Bawana-Kharkhoda-Gohana is classified as Regional Arterial.	RP-2021/DRRP-2021 has not proposed upgradation of this road as Regional Arterial.		
14.20	Section 14.3 (page 14-16) -Water & Sewerage: .a. It is observed that only summary of demand for water, under the heads of Domestic, Industrial and Agricultural, has been provided. It is suggested that this be provided in detail, as per the projected settlement pattern and all economic activities.			(a) The details have been provided in consultation with irrigation Department.	Observations have been provided in Chapter 8 above.

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(A)	(B)	(C)	(D)
	<p>.b. It is suggested that clear policies and proposals be formulated for the estimated water shortage. This is critical in terms of firming up the extent of various economic proposals (for example, the DMIC Report on "Regional Profile and Industry Market Assessment" has projected land requirement for the shortlisted industries in MBIR over next 30 years. This projection was carried out based on various scenarios of availability of water in the region, especially after considering the region as a "water scarce" region. Non-availability of projected water would imply modification of the project proposal by either downsizing it or my modifying the industry mix).</p> <p>.c. The policies and proposals as outlined in the RP-2021/DRRP-2021 for comprehensive water management should be detailed out, with proper analysis of each section.</p>	<p>(b) Policy proposals for water have been provided in Chapter 8.</p> <p>(c) Details stands provided in para 8.7.</p>	
14.21	<p><u>Section 14.3 (page 14-16) -Water Demand & Sewerage:</u></p> <p>a. Section 14.3.1 – Domestic Water Demand: Total domestic water demand as mentioned in the Haryana SRP-2021 slightly differs from the figure mentioned in DRRP-2021. Projected domestic water demand in 2021 as per Haryana SRP-2021 is 781 MCM, whereas as per DRRP-2021 it is 789 MCM. This is to be checked and corrected.</p> <p>b. Section 14.3.2 – Industrial & Agricultural Water Demand and Section 14.3.3-Estimated Water Shortage in 2021: Total water demand as mentioned in Table 14-9 and 14-10 does not match. Total water demand in 2021 is 9767 MCM as per Table 14-9, whereas it is 8826 MCM as per Table 14-10. This is to be checked and corrected.</p>	Tables shall be amended as per the required norms.	Tables are to be amended.
14.22	<p><u>Section 14.3.4 (page 14-17) – Sewerage:</u></p> <p>a. It is observed that the proposals / recommendations on Sewerage system cover the aspect of sewage treatment in STPs. A comprehensive Sewerage Master Plan is to be provided for the entire sub-region with clear policies and proposals various areas depending on their needs.</p> <p>.b. It is also observed that substantial industrial development has been</p>	<p>(a) The same shall be prepared by the implementing agencies as per the requirements.</p> <p>(b) Nodal agency for industrial development i.e. HSIIDC has already installed</p>	Not incorporated. Sl. No. 0.7 regarding structuring of Policies and Proposals to be complied.

Sl. No.	Observations of NCRPB communicated to Govt. of Haryana vide letter dated 16.12.2013	Reply of Govt. of Haryana as provided in the Compliance Report	Observations of NCRPB on Status of Compliance as well as on the Revised SRP-2021 for Haryana Sub-Region of NCR.
(A)	(B)	(C)	(D)
	<p>proposed in the Haryana sub region. It is suggested that the report should provide clear strategies and action plan on how the industrial waste shall be treated and will not be allowed to be mixed with public sewerage.</p> <p>c. For the STPs proposed, it may be mentioned that "adequate/required area for STPs shall be earmarked in the Development / Master Plans of the towns in Haryana Sub-Region". Steps which are necessary to safeguard environment during Operation & Maintenance stage of the STPs should also be mentioned (e.g. action plan for disposing of the sludge etc.).</p> <p>d. Specific strategies for sewage treatment in rural areas to be framed. As highlighted in the RP-2021/DRRP-2021, this is of immense importance considering the potential of untreated wastewater to pollute the groundwater. Organic treatment of sewage at rural/community level should be explored, besides provision of individual septic tanks and ensuring all other govt. schemes/programmes on rural sanitation.</p>	<p>CETPs in the following industrial estates, Kundli, Rai, Barhi, Murthal, Manesar, Barwala, Ambala and proposed sites at Bahadurgarh, Bawal, Saha, Rohtak, IMT Faridabad, Manakpur and Panipat HUDA has also proposed a CEPT at Panipat.</p> <p>(C) The same is being taken care of in the respective Development Plans.</p> <p>(d) The PHED Department and the DRDAs implement the sewerage treatment in rural areas of the State.</p>	
14.23	<p>Section 14.4 (page 14-19) -Solid Waste Management: It is observed that projection of Solid Waste is at a deviation from what is mentioned in DRRP-2021. Solid Waste generation in 2021 is 4061.74 MT/day as per Haryana SRP-2021, whereas it is 2998 MT/day as per DRRP-2021. This needs to be checked and corrected.</p> <p>It is also observed that in Section 14.4.1 – Recommendations, policies and proposals are not clearly brought out. It is suggested that the same be provided incorporating the following, <i>inter alia</i> others:</p> <ul style="list-style-type: none"> -Whether additional landfill & treatment site is required, given the projection of solid waste generation. -If additional facility is required, their location, after due deliberation according to MSW Management and Handling Rules, 2000 as well as from environmental safeguard 	<p>The calculations have been done as per CPHEEO norms. The table shall be amended in consultation with NCRPB.</p>	Addressed in earlier observations.

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(A)	(B)	(C)	(D)
	perspective.		
14.24	Section 14.5.1 (page 14-20) -Power Demand Forecast: It is observed that only summary of Power Demand has been provided. It is suggested that this be provided in detail, as per the projected settlement pattern and all economic activities.	The calculations are based on CEA reports.	
14.25	It is also observed that Haryana SRP-2021 does not provide the policy/target for reduction in the Technical & Commercial (T&C) Losses in the Power sector. Current T&C losses have also not been given in the chapter which is one of the important policy parameters. These are to be provided.	Details have been given at para 7.7.3.iv.	
14.26	<p><u>Section 14.7.3 (page 14-27) – Housing:</u></p> <p>.a. It is suggested that before estimating Housing Demand & Shortage thereof, methodology adopted must be provided (detailing the manner in which existing housing stock has been assessed is to be mentioned in brief).</p> <p>.b. Table-14-23 (page 14-28): It has been noted that there are discrepancies in Housing Demand figures. As mentioned in Chapter 4 of Part-II of observations, proposed population in 2021 does not match with DRRP-2021. The proposed population in 2021, coupled with different Household Size assumed in Haryana SRP-2021 from DRRP-2021 (please refer following point), apparently seem to contribute to this variation. This is to be checked and corrected.</p> <p>.c. It is observed that Household Size has been assumed as 4.8 in Haryana SRP-2021, whereas the RP-2021/DRRP-2021 has estimated housing demand with HH size of 5.0. This is to be checked and corrected. It may be noted that the Household size adopted in Haryana SRP-2021 is different from the one as per 2011 census data.</p>	<p>(a) Methodology have been given under para 11.6.</p> <p>(b) The housing demand has been given in table 11.10 as per projected population.</p> <p>(c) Household size has been considered as per RP.</p>	Incorporated.
14.27	Section 14.8.2 – Policy Zones for Future Development in Sub-Region (page 14-32): This section should be covered in Chapter 3: Vision, Objectives and Development Policy Framework”, and not under the Land Use chapter.	Needful has been done.	Incorporated.

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(A)	(B)	(C)	(D)
	CHAPTER 15: Implementation (Chapter 19: Implementation Strategies, Management Structure and Resource Mobilisation, in the revised SRP)		
N-15.1	This Chapter has three Sections, i.e. Implementation Strategies, Management Structure and Resource Mobilisation. It is observed that these three sections have been mixed up. It is suggested that the analysis of existing Implementation Strategies, Management Structure and Resource Mobilisation be given, issues identified and Policies and Proposals for each section may be brought out in the chapter.		
N-15.2	In para 19.6: Way Forward, In para 19.6.2 It has been mentioned that NCRPB should lay stress on importance of the recycling water in all the towns. In fact, the State Govt. should give priority for recycling of water in all the towns of Haryana Sub-Region and it should be incorporated suitably in the relevant chapter. Para 19.6.3 and 19.6.4 should be deleted from para 19.6. It is suggested that the Way Foreword, the Action Plan for Implementation of the various Policies and Proposals of Sub-Regional Plan alongwith phasing of implementation and agencies responsible for carrying out the implementation works be stated.		
C-15	It is observed that agencies involved in implementation of various aspects have been mentioned. However, the report should also provide a summary of sector wise challenges in implementation which the state govt. would like to put up to NCRPB for resolution at a larger level and in a more comprehensive manner.	The details has been given chapter wise.	Incorporated.
	ANNEXURES (Annexures have been provided in the respective sectors/chapters or at the end of the revised SRP)		
A-1	Annexure 14-1 (page 57 of Annexure section): Various methods adopted for LSA (Land Suitability Analysis): from the table on 'Buffer Criteria For Various Features', under 'Elimination Method', it appears that 500 m of highway corridor zone is to be kept free from any development. This is against the principle of Highway Corridor Zone as proposed in section 17.4.2 of RP-2021/DRRP-2021. The green buffer as specified along various transport networks will be maintained and the uses as per the zoning regulation of RP-2021/DRRP-2021 are to be permitted. Under "Suitability Method" (page 58) last line, referencing of Annexure 14-2 should be mentioned in place of Annexure 14-1.	LSA is required for new Greenfield townships and not for the expansion of existing towns, since they are required to be contiguous.	Planning Committee, in its 62nd Meeting, recommended the following relating to Land Suitability Analysis: <i>"Master/Development Plans for the towns in the region should incorporate land suitability analysis for land use allocations, which would identify areas intrinsically suitable for settlement, agriculture, forestry, industry and recreational uses. Further growth in the region should be channelised in the areas, which are only suitable for settlement growth."</i>

Sl. No.	Observations of NCRPB communicated to Govt. of Haryana vide letter dated 16.12.2013	Reply of Govt. of Haryana as provided in the Compliance Report	Observations of NCRPB on Status of Compliance as well as on the Revised SRP-2021 for Haryana Sub-Region of NCR.
(A)	(B)	(C)	(D)
			Haryana SRP-2021 should mention Proposals and Policies in line with this.

The following chapters were not included in the earlier SRP and has been added in the revised SRP. The following observations are to be incorporated:

Chapter 10: Telecommunication

1. Aspects of Telecommunication have now been covered/analyzed in the Report. However there are some comments which can be summarized as below:
 - i. The proposal of the 12th Five Year Plan is to increase rural tele-density from the current level of around 39 to 70 by the year 2017 and 100 by the year 2020 as per prevailing National Telecom Policy.
 - ii. Provide affordable and reliable broadband on demand by the year 2015.
 - iii. Constituent State should provide land, building and other facilities to the telecom service providers for setting up of telephone exchange, mobile relay towers and other installations. For this purpose States should frame required policies. NCR participating States are also advised to formulate appropriate RoW policy.
 - iv. Integration of the telecommunication service network with power distribution network should be explored wherever it is technically feasible and commercially viable.
 - v. Simplification of Sectoral Policy for Right of Way for laying Cable Network and installation of towers, etc. for facilitating smooth coordination between the Telecom Service Providers and the State Governments.

Chapter 18: Counter Magnet Areas

Map 18.1: Counter-Magnet Areas-2001 and 18.2: Counter-Magnet Areas-2021 have been corrected in the Draft Revised Regional Plan which may be obtained from NCRPB and incorporated in this plan.

ANNEXURE-II

Observations of the NCRPB Secretariat which have not been incorporated in the revised Sub-Regional Plan for Haryana Sub-Region of NCR-2021 submitted by Govt. of Haryana on 17.02.2014.

Note:

1. The Chapter numbers as mentioned below correspond to the latest revised Draft Sub-Regional Plan for Haryana Sub-Region of NCR-2021 as received on 17.02.2014.

General Observations

0.1 However, it may be mentioned here that the DRRP-2021 has dealt with a particular sector in the following sequence:

- a. Existing Situation and analysis thereof.
- b. Issue and Challenges of that particular sector.
- c. Policies and Proposals, considering Sl. No. (a) and (b) above.

It has been observed that in some of the sectors/chapters, the above-mentioned logical sequence is missing, for example, in Sewerage and Irrigation, 'Issues and Challenges' are missing (eventhough the issues in the Solid Waste Management, Drainage and Irrigation sectors has briefly been covered within 'Background').

It is suggested that every sector/chapter be covered under the afore-said three main heads, for ensuring logical flow of the Plan.

0.2 All the figures provided in the Haryana SRP-2021 should be in uniform format and thousand separators should be used. For example, it has been observed that in col. 3 of table 4.1 and entire table 4.3 thousand separator is missing, table 4.3.

0.3 List of tables and figures is not provided.

Chapter 1: Introduction

- 1.1 Para 1.3, Page 2: Final notification on inclusion of Jind and Karnal is yet to be issued. Hence, relevant portion in this regard is to be deleted from the SRP.

Chapter 2: The Sub-Region

- 2.1 Para 2.1.5.v, Page 12 and Table 2.2: It has been observed that there are certain discrepancies in "Dense", "Open" and "Total" figures of 2005 from the DRRP-2021. This is to be re-checked and corrected.
- 2.2 Annexure 2.1, Page 17: The notification of MoEF dated 07.05.1992 as provided in Chapter 14 (Environment) is incomplete. Complete notification is to be provided in the SRP.
- 2.3 Annexure 2.3, 2.4, 2.5 & 2.6: It has been observed that data of 2005 have been used. Updated data should be analysed.
- 2.4 **Annexure 2.3, 2.4, 2.5 & 2.6 depicting SO₂, NO₂, RSPM & SPM Levels in Haryana Sub-region, Page 19 & 20:** The nomenclatures 'SO₂' and 'NO₂' should be written as 'SO₂' and 'NO₂' respectively. Similarly, the unit of concentration should be 'µg/m³' instead of 'µg/m³'. The data given in these Annexures

relates to the year 2005 which is almost seven years old and needs to be updated with the analysis of temporal changes. These Annexures are not relevant in this Chapter and should be part of Para 14.6.2 of Chapter 14. This para should also indicate the analysis of air quality.

Chapter 4: Demographic Profile and Settlement Pattern

- 4.1 Para 4.1.1, Page33: It has been mentioned that ***“The Haryana Sub Region comprises of an area of 13428 sq. km. with a total population of approx. 11 million in 2011. This amounts to 30.37% of the total area and 43.51% population of the State. The average density of the region, (822 persons per sq.km.) is more than the state average of 573. Faridabad, followed by Gurgaon and Panipat are more densely populated. The lowest in density is Jhajjar followed by Rewari district.”*** This should be replaced with the following:

“The Haryana Sub-Region comprises of an area of 13,428 sq. km. with a total population of approx. 11 million in 2011. This amounts to 30.37% of the total area and 43.51% population of the State. The average density of the Haryana Sub-Region (822 persons per sq.km.) is higher than that of the State average of 573 p/sq.km. Among districts of the Sub-Region, population density of Faridabad is the highest and population density of Jhajjar is the lowest”.

- 4.2 Para 4.1.1, Page33: Population density of **Haryana Sub-Region** should be given / illustrated instead of the State of Haryana.

It is mentioned that “Faridabad is a highly urbanised and industrialised of the State”. This should be replaced with “Faridabad is a highly urbanised and industrialised district of Haryana Sub-Region”.

- 4.3 Map 4.1, Page 34: Title of the Map should be written as “District wise composition of urban and rural population of Haryana Sub-Region, 2011
- 4.4 Para 4.1.5 Table 4.4 the title of the table should be written as “Population of Urban Centres in Haryana Sub-Region, 2011”.
- 4.5 Page 44: Number of the para “Projected Settlement Pattern” should be 4.4.3 instead of 4.4.2 as mentioned.

Chapter 5: Economic Scenario

- 5.1 It has been observed that in the Table of Contents, ‘Economic Scenario’ has been mentioned, whereas in the main chapter, ‘Economic Profile’ has been mentioned. Name of the chapter should be modified to “Economic Scenario”, in place of “Economic Profile”.

Chapter 7: Power

- 7.1 Table 7.5 page 126: Data for 2010-11 and 2011-12 to be provided. In Table 7.6 page 126, data for the year 2011-12 to be provided.
- 7.2 In para 7.4.1 it is observed that the details of forecast has been given as per the 17th Electric Survey Power Report. The 18th Electric Survey Power Report has been prepared by the CEA need to be incorporated.

- 7.3 In para 7.6 Feature Development Policy, the policies and proposals should cover recommendations and other policies and strategies. This need to be suitably amended.

Chapter 8: Water

- 8.1 Map 8.1: Major Rechargeable Areas in the Sub-Region: Legible map should be provided. It has further been observed that Source of the Map has been mentioned as DJB, UPJN, PHE Department of Rajasthan, apart from PHE Department, Haryana. Since the Map shows Major Rechargeable areas in the Haryana Sub-Region, the source is to be checked and corrected.
- 8.2 Table 8-24: Quantity of treated sewage (BCM/ year): It is to be clarified whether the data of this table correspond to entire NCR or only for Haryana Sub-Region.
- 8.3 Table 8-33: Projected Estimated Water Shortage in 2021 (in MCM): Total water deficit should be 4551 MCM, in place of 4552 MCM as mentioned in the table as well as in the text of para 8.9.3 and 8.9.4 (Page 189).
- 8.4 List of completed and ongoing projects, including the ones funded by NCRPB along with total cost of the projects in the Water sector should be provided.
- 8.5 Service Level Benchmarking:
- It has been observed that Annexure A1 has been provided which contains the notification by Govt. of Haryana dated 28.03.2013 regarding fixation of Service Level Benchmarks to achieve the target for improvement for all the towns in the state of Haryana in the sectors of Water Supply, Sewerage, Storm Water Drainage and Solid Waste Management. A district-wise summary in the Water Supply sector only has been provided in Table 8.12. **A town-wise (within the Sub-Region) summary is to be provided in the respective sectors, clearly indicating the present status and proposed target till 2021.**
 - Further and continuation to the above, the afore-said notification has provided target for 2013-14 only. Since the Sub-Regional Plan for Haryana is prepared with the perspective year 2021, target proposed to be achieved till 2021 is to be provided.
- 8.6 It has been observed that policies and proposals pertaining have been provided in various sections, instead of under one head of "Policies and Proposals". For example, Para 8.8: Use of existing infrastructure to its optimum, page 185 has listed & detailed out 'Reduce UFW losses in piped water supply system' as one sub-head. Para 8.9.6: Policies & Proposals for Water Management, Sl. No. (20), also lists & details out 'Reduction in NRW' in page 193. Further, Para 8.8, Para 8.6 etc. should be detailed out as sub-paras under the Para on overall "Policies and Proposals" only.
- It is required that "Policies and Proposals" is well structured, with all relevant policies clubbed under this head. It is further suggested that each policy/proposal be given a para number for easy referencing.
- 8.7 It has been observed that in Page 164, same table number of 8.10 has been given for two tables, namely, "CPHEEO Norms for Water Supply" and "Total Water Demand in NCR, 2005". This is to be corrected.

Chapter 9: Sewerage, Solid Waste Management, Drainage & Irrigation

- 9.1 It may be noted that the DRRP-2021 has dealt with a particular sector in the following sequence:
- a. Existing Situation and analysis thereof.
 - b. Issue and Challenges of that particular sector.

c. Policies and Proposals, considering Sl. No. (a) and (b) above.

It has been observed that in Sewerage and Irrigation 'Issues and Challenges' are missing (even though the issues in the Solid Waste Management, Drainage and Irrigation sectors has briefly been covered within 'Background').

It is suggested that every sector/chapter be covered under the afore-said three main heads in line with the DRRP-2021, for ensuring logical flow of the Plan.

9.2 List of completed and ongoing projects, including the ones funded by NCRPB along with total cost of the projects in the Sewerage, Solid Waste Management, Drainage and Irrigation sectors are to be provided.

9.3 Table 9-2 and paragraph below the table: The word "Sewerage Treatment" is to be replaced by "Sewage Treatment".

Further to the above, the following corrections are to be made in table 9-2:

The unit is to be mentioned that MLD in the title instead of MCM.

The treatment capacity should be 406 MLD, in place of 405 MLD as provided in the table.

9.4 It has been observed that data of table 9.1, 9-2 and 9.3 do not tally. Following are some of the examples:

- As per table 9.1 coverage of sewer network (%) in case of Samalkha town in Panipat district is 71%, whereas as per table 9.3 the figure is 0%. This is to be checked and corrected throughout the tables.
- It has been observed that population figures do not match with the projected population in various districts as provided in Table 4-5, page 37. For example, in case of Gurgaon district, population 2021 as per Table 4-5 is 3056183, whereas, as per Table 9.3, the figure is 2956183. This is to be thoroughly checked and corrected.
- In case of total population for Haryana Sub-Region also, the figure should be 16828000, in place of 16703089, as mentioned.
- In case of Actual Sewage Generation in 2021 also, as per Table 9-2, this is 1342 MLD, whereas as per Table 9.3 this is 2550.2 MLD. This is to be checked and corrected.

The above-mentioned discrepancies are to be thoroughly checked and uniformity in facts & figures are to be maintained in Table 9.1, 9-2 and 9.3.

9.5 Table 9-7: Figure for 'STPs under construction (MLD)' should be 461, in place of 368.4 as mentioned in the table.

9.6 Para 9.2.2: Solid Waste Zones: In the para "Urban Areas" (page 202), the figure of urban population is to be corrected from, 10.52 Million to 10.65 million.

In the same paragraph, average generation rate for solid waste is to be corrected from "0.3 kg/day/HH" to "0.3kg/day/capita".

9.7 Table 9-9: It should be mentioned that the population corresponds to Urban Population only, and not entire Haryana Sub-Region.

9.8 It has been observed that in Para 9.6: Irrigation, data and information at the Regional level have been provided. Data/Information at the Sub-Regional level too is to be provided.

Chapter 11: Shelter

- 11.1 Para 11.5, page 223 and Table 11.9 Page 224: Slum in the sub-region, 2001

The slum population of urban centres needs to be updated with Census 2011 data.

- 11.2 It is suggested that District / town wise implementation status of different Programmes and Policies Implemented by Ministry of Housing & Urban Poverty Alleviation to address the concerns of housing, infrastructure, slum development and basic civic amenities with special emphasis to urban poor should also be provided under section 11.5.

Chapter 12: Social Infrastructure

- 12.1 All the Policies and Proposals as stipulated in the Draft Revised Regional Plan-2021, Chapter-12 on Social Infrastructure may be referred and suitably incorporated in the SRP-2021.

- 12.2 It may be incorporated in the 'Policies and Proposals' for Educational Infrastructure that all the schools particularly elementary and pre-secondary schools should comply with the Right to Education Act norms for the required pupil-teacher ratio and other infrastructure in the school such as classrooms, provision of toilets and drinking water facilities. Access, equity, quality and governance should be priority areas of education sectors with an emphasis on improving learning outcomes at all levels.

Chapter 13: Heritage and Tourism

- 13.1 Para 13.8 on problems, issues, opportunities has been added as suggested which have been copied from DRRP-2021. This needs to be modified / corrected as per Haryana Sub-Region.

- 13.2 Page 257, Map 13-1 is related to location of tourism sites in sub-region, it has been observed that in the legend only Kos Minar and Monuments have been mentioned. It is suggested that location of other tourism sites as given in earlier Plan should be added in this Map and reference of Map should be mentioned in the text also. It is also suggested that *Source* of the Map may be changed.

- 13.3 Page 263, Annexure 13-1, reference of this Annexures have not mentioned/given in the Chapter. This should be added/referred in the Chapter.

Chapter 14: Environment

- 14.1 Section 14.3 (Air Quality): Data relate to 2005/2007. This needs to be updated.

- 14.2 Section 14.4 (Surface Water Quality): The list of all water bodies in Haryana sub-region as identified in the existing Land Use (refer Map 17-2: Existing Land Use Map) has to be provided.

- 14.3 Section 14.4.2 (Water Quality of Rivers): It is mentioned in the first paragraph that water quality of 9 monitoring stations for 5 years (2005-2011) for river Yamuna have been taken into account for surface water quality analysis. The data source and location of these monitoring stations in the Haryana Sub-region has to be provided. The status and analysis of water quality of Yamuna River as it passes through Haryana sub-region has to be included in the section. Similarly, status and analysis of water quality of Canals in Haryana sub-region has to be included in the section. At present, the status of water quality

of canals in NCR has been provided in the sub section 14.4.2 (b), which has already been covered in RRP-2021.

- 14.4 Section 14.5 Environment Sensitive Conservation Zone: It is mentioned that Aravalli ranges have been designated as Natural Conservation Zone in the Plan. A map of the delineated Natural conservation Zone, in accordance with RRP 2021, may be included in the Chapter. Further, the detail list of natural features/areas in the Haryana Sub-region (along with their district wise location), which have been included in the Environment Sensitive Conservation Zone, in accordance with RRP 2021, may be included in this section. Further, specific data on biological diversity of the various features/areas of Environment Sensitive Conservation Zone has to be provided & analyzed and specific policy has to be framed, in conformity with broad policies & proposals of RRP 2021. The status of setting up of State Biodiversity Board (SBB) for Haryana as per provisions as per Biological Diversity Act, 2002 and Biological Diversity Rules, 2004, also needs to be included in this section.

- 14.5 Section 14.6 (Issues, Policies & Proposals): **This section mentions some broad issues, policies and proposals for NCR, which has already been covered in RRP 2021.** This section needs to be modified, covering specific issues, policies & proposals for Haryana Sub-region which are in conformity with the RRP-2021 have to be provided in this section. Further, there are certain discrepancies in relation to the previous sections of the Chapter, as follows:

In Section 14.6.2 (Air Quality) Issues– It is mentioned that number of monitoring stations in Haryana sub-region is inadequate. However, there is no data in the previous section of air quality (section 14.3) to support this statement.

Chapter 17: Land Use

- 17.1 In para 17.4.2 (1) (b) page 328: In the Zoning Regulations for **Agriculture (Rural) Zone within Controlled/ Development/Regulated Areas**, a new provision has been added as Sl. No.25, which reads as follows:

“(25) Any other used as approved by the Director, Town & Country Planning, Haryana and as per the policy parameters decided by the Government.”

This provision is not as per the Regional Plan-2021 and Draft Revised Regional Plan-2021 and need to be deleted.

- 17.2 In para 17.4.2 (3), page 330: In the Zoning Regulations for **Natural Conservation Zone**, a note has been added below provision (iv):

*“**Note:** However, in case some of the Natural Conservation Zone Area falls in the urbanisable zone/ notified SEZs, then the equivalent area will be compensated elsewhere by the State Government by including the same under the NCZ in the Sub-Region”.*

The note be deleted as Natural Conservation areas within the urbanisable area are more prone to encroachment and destruction. Any encroachment on Natural Conservation Zone area cannot be compensated.

This provision is not as per the Regional Plan-2021 and Draft Revised Regional Plan-2021 and need to be deleted.

- 17.3 **Proposed Landuse Haryana Sub-Region Plan-2021:** It has been observed that in the Map, Special Economic Zone (SEZ) has been shown as separate category which is not required. Categories of land

uses as per the Regional Plan (e.g. Urbanisable areas, Built-up areas, etc. are to be complied in this regard).

- 17.4 It has been observed that in the Proposed Landuse Haryana Sub-Region Plan-2021 map, some industrial estate has been shown in text but no controlled / Development / Regulated area has been demarcated (For example, area between Rohtak and Mahem). This is to be checked and corrected.

It is observed that the notation of urbanisable area (yellow colour) have been shown in various parts of the Sub-Region particularly in the "agriculture (rural) zone within controlled areas" and "agriculture (rural) zone outside controlled areas" which are not part of the urbanisable area of any towns/settlements may be deleted.

- 17.5 It has been observed that in the map of Proposed Landuse Haryana Sub-Region Plan-2021, the Master/Development Plan of Manesar Bawal Investment Region with the perspective year of 2039 has been shown. This is misleading. It is required that Master Plan of MBIR-2021 be shown, or, a footnote be inserted in the afore-said Map clearly mentioning this fact.

Misc.

Land Suitability Analysis:

Planning Committee, in its 62nd Meeting, recommended the following relating to Land Suitability Analysis:

"Master/Development Plans for the towns in the region should incorporate land suitability analysis for land use allocations, which would identify areas intrinsically suitable for settlement, agriculture, forestry, industry and recreational uses. Further growth in the region should be channelised in the areas, which are only suitable for settlement growth."

Haryana SRP-2021 should mention Proposals and Policies in line with this.

MINUTES OF THE 63RD MEETING OF THE PLANNING COMMITTEE HELD AT 11.00 A.M. ON 20.02.2014 IN THE CONFERENCE HALL OF NATIONAL CAPITAL REGION PLANNING BOARD, NEW DELHI.

A list of the participants is at **Annexure-I**.

Chairperson welcomed the members of the Planning Committee and took up the Agenda for discussion.

AGENDA ITEM NO.1: CONFIRMATION OF THE MINUTES OF THE 62ND MEETING OF THE PLANNING COMMITTEE HELD ON 15.10.2013 AND 20.12.2013.

Minutes of the 62nd meeting of the Planning Committee held on 15.10.2013 and 20.12.2013 were confirmed.

AGENDA ITEM NO.2: ACTION TAKEN REPORT ON THE DECISIONS OF THE 62ND MEETING OF THE PLANNING COMMITTEE HELD ON 03.10.2013, 15.10.2013 AND 20.12.2013

Action Taken Report on the issues/decisions taken in the last meeting were reviewed.

i) Status of preparation of Sub-Regional Plans

a. Sub-Regional Plan for Haryana Sub-Region

The matter was taken up separately at Agenda Item No. 3.

b. Sub-Regional Plan for Rajasthan Sub-Region

Chief Town Planner (NCR), Town & Country Planning Department, Govt. of Rajasthan stated that preparation of the Sub-Regional Plan for Rajasthan Sub-Region of NCR-2021 is at final stage and they will submit the same to NCRPB for examination.

Planning Committee observed that there has been considerable delay in preparation and submission of the Sub-Regional Plan for Rajasthan Sub-Region of NCR-2021.

Chairperson stated that Govt. of Rajasthan should expedite preparation of Sub-Regional Plan for Rajasthan Sub-Region-2021.

ii) Agenda Item no.3: Consideration of observations and suggestions received on Draft Revised Regional Plan-2021 for NCR

Planning Committee noted that Board, in its 34th Meeting held on 20.01.2014, approved the recommendations of the Planning Committee for incorporation in the Draft Revised Regional Plan-2021 for NCR and incorporation of the grammatical/typographical modifications, if any and after inserting "as per applicable state policies" after the words "including tourism" in Clause 17.5.3 (iv). The Board approved the Revised Regional Plan-2021 for NCR for its publication and notification under Section 13 of NCR Planning Board Act, 1985 and Rule 27 of the NCRPB Rules, 1985.

iii) Agenda item no.4: Consideration of proposal of inclusion of additional area of districts Jind and Karnal of Haryana in NCR

Planning Committee noted that the proposal for inclusion of Jind and Karnal districts of State of Haryana in NCR was considered and approved by the Board in its 34th Meeting held on 20.01.2014.

iv) Supplementary Agenda item no.1: Consideration of observations and suggestions received on Draft Revised Regional Plan-2021 for NCR (Received between 17.09.2013 to 15.10.2013)

Same as (ii) above.

v) **Supplementary Agenda item no. 2 and 3: Consideration of observations and suggestions received on Draft Revised Regional Plan-2021 for NCR after last date of submission i.e. 30.08.2013 (Received between 15.10.2013 to 20.12.2013)**

Same as (ii) above.

vi) **YEIDA**

Same as (ii) above.

vii) **Reconsideration of the proposals of the retaining restriction that limits construction up to maximum 0.5% of the area of Natural Conservation Zone (NCZ) for Regional Recreational Activities.**


Same as (ii) above.

AGENDA ITEM NO.3: CONSIDERATION OF DRAFT SUB-REGIONAL PLAN FOR HARYANA SUB-REGION OF NCR-2021

Director General, Town & Country Planning Department, Govt. of Haryana stated that there were about 50 observations/suggestions from the NCRPB Secretariat in the draft revised SRP-2021 for Haryana sub-region submitted on 17.02.2014 after incorporation of the observations/suggestions in the Plan submitted on 11.02.2014. He further stated that 26 nos. of observations/suggestions have been incorporated, about 14 nos. of observations/suggestions will be incorporated by 25.02.2014 and remaining observations/ suggestions will need deliberations in the Planning Committee. He then presented point-wise response from Govt. of Haryana on the observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised draft SRP received on 17.02.2014. The aforesaid response from Govt. of Haryana, alongwith the observations/recommendations of the Planning Committee is placed at **Annexure-II**.

After detailed discussions on various observations/ suggestions as mentioned in **Annexure-II**, Planning Committee recommended the Draft Sub-Regional Plan for Haryana Sub-Region of NCR-2021 for consideration of the Board with the observations/recommendations mentioned in **Annexure-II** and **Annexure-II (A)**.

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


26/2/14
(Rajeev Malhotra)
Chief Regional Planner

To:

- i) Chairperson, Planning Committee.
- ii) Members of the Planning Committee.
- iii) Co-opted Members of the Planning Committee.
- iv) Special Invitee of the Planning Committee.

ANNEXURE-I**List of the participants of the 63rd Meeting of the Planning Committee held on 20.02.2014**

	Chairperson
1.	Mrs. Naini Jayaseelan, Member Secretary, NCR Planning Board.
	Members
	Ministry of Urban Development, Government of India
2.	Dr. D. Diptivilasa, Additional Secretary (UD), Ministry of Urban Development, Govt. of India.
	Government of Haryana
3.	Shri T.C. Gupta, Financial Commissioner & Principal Secretary, Town & Country Planning Department, Government of Haryana.
4.	Shri Anurag Rastogi, Director General, Town & Country Planning Department, Government of Haryana.
	Government of Uttar Pradesh
5.	Ms. Kalpana Awasthi, Commissioner, NCR Planning & Monitoring Cell, Uttar Pradesh-Representing Principal Secretary, Housing & Urban Planning Department, Govt. of UP
	Government of Rajasthan
6.	Shri Praveen Jain, Chief Town & Country Planner, U.P. Town & Country Planning Department, Govt. of U.P. 7, Bandaria Bagh, Lucknow.
	Govt. of NCT Delhi
7.	Shri Arun Baroka, Secretary, PWD, Govt. of NCT-Delhi, 5 th Level, Delhi Secretariat, PWD Secretariat, I.P. Estate, New Delhi.
	Co-opted Members
8.	Sh. C.K. Khaitan, Jt. Secretary (UT), Ministry of Urban Development, Govt. of India, Nirman Bhawan, New Delhi.
9.	Chief Regional Planner, NCR Planning Board, New Delhi.
	Non-Members
10.	Shri Arvind Mehtani, Chief Coordinator Planner, Town & Country Planning Department, Government of Haryana.
11.	Shri A.K. Tyagi, Chief Coordinator Planner, NCR Cell, UP, Town & Country Planning Department, Govt. of UP.
12.	Shri S. Surendra, Town & Country Planner, Town & Country Planning Organization, Government of India, E-Block, Vikas Bhawan, I.P. Estate, New Delhi.
13.	Ms. Anjai Pancholy, Associate Planner, Town & Country Planning Organization, Government of India, E-Block, Vikas Bhawan, I.P. Estate, New Delhi.
14.	Mrs. Usha Kumar, Research Officer, Planning Commission, Yojna Bhawan, Sansad Marg, New Delhi
	NCRPB
15.	Shri. J.N. Barman, Director (T), NCRPB.
16.	Shri Nabil Jafri, Deputy Director (GIS)
17.	Shri. Partha Pratim Nath, Deputy Director (T), NCRPB.
18.	Ms. Nilima Majhi, Asstt. Director (T), NCRPB
19.	Shri Naresh Kumar, Asstt. Director (T), NCRPB.
20.	Shri. Yashwant Namasani, Asstt. Director (T), NCRPB.
21.	Shri. Ramesh Dev, Asstt. Director (T), NCRPB
22.	Ms. Yashi Tandon, Consultant-Transport, NCRPB.

ANNEXURE-II

Response of Govt. of Haryana as presented in the 63rd Meeting of the Planning Committee on the Observations of the NCRPB Secretariat and Recommendation / Observations of the Planning Committee on the revised Sub- Regional Plan for Haryana Sub-Region of NCR-2021

Note:

1. The Chapter numbers as mentioned below correspond to the latest revised Draft Sub-Regional Plan for Haryana Sub-Region of NCR-2021 as received on 17.02.2014.

General Observations

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
0.1	<p>However, it may be mentioned here that the DRRP-2021 has dealt with a particular sector in the following sequence:</p> <ul style="list-style-type: none">a. Existing Situation and analysis thereof.b. Issue and Challenges of that particular sector.c. Policies and Proposals, considering Sl. No. (a) and (b) above. <p>It has been observed that in some of the sectors/chapters, the above-mentioned logical sequence is missing, for example, in Sewerage and Irrigation, 'Issues and Challenges' are missing (eventhough the issues in the Solid Waste Management, Drainage and Irrigation sectors has briefly been covered</p>	<p>Accepted. The suggestion will be incorporated by 25.02.2014.</p>	<p>Planning Committee noted and recommended that the observations be incorporated and the revised SRP be submitted by 25.02.2014.</p>

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
	<p>within 'Background').</p> <p>It is suggested that every sector/chapter be covered under the afore-said three main heads, for ensuring logical flow of the Plan.</p>		
0.2	All the figures provided in the Haryana SRP-2021 should be in uniform format and thousand separators should be used. For example, it has been observed that in col. 3 of table 4.1 and entire table 4.3 thousand separator is missing, table 4.3.	<p>Accepted. Incorporated.</p> <p><i>Page No. 31 & 35</i></p>	Planning Committee noted.
0.3	List of tables and figures is not provided.	<p>Accepted. Incorporated.</p> <p><i>Page No. XI to XXII</i></p>	Planning Committee noted.
<u>Chapter 1: Introduction</u>			
1.1	Para 1.3, Page 2: Final notification on inclusion of Jind and Karnal is yet to be issued. Hence, relevant portion in this regard is to be deleted from the SRP.	<p>Not accepted. However, a mention has been made of the fact that notification is yet to be issued.</p> <p><i>Para 1.3 Second Sub Para last line Page No. 2</i></p>	<p>Planning Committee noted and agreed with the response.</p> <p>Planning Committee further observed that in order to ensure efficient and coordinated planning of the newly added districts, it is imperative that planning of these districts be undertaken first by means of</p>

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
			analyzing the existing situation, identifying the issues and challenges etc. at the ground/district level and then integrating the polices and proposals with the rest of the respective sub-regions and thereafter at the Regional level. Planning Committee suggested the participating States to integrate these new districts with their respective existing sub-regions and prepare the Sub-Regional Plans and submit to NCRPB for integration with the Regional Plan.
<u>Chapter 2: The Sub-Region</u>			
2.1	Para 2.1.5.v, Page 12 and Table 2.2: It has been observed that there are certain discrepancies in “Dense”, “Open” and “Total” figures of 2005 from the DRRP-2021. This is to be re-checked and corrected.	Accepted. Incorporated. <i>Figures rechecked and corrected in Para 2.1.5.v, Page 12 and Table 2.2</i>	Planning Committee noted. However, Planning Committee recommended that all data and analysis thereof should be thoroughly checked for correctness and to ensure that there is no discrepancy.
2.2	Annexure 2.1, Page 17: The notification of MoEF dated 07.05.1992 as provided in Chapter 14 (Environment) is	Accepted. Incorporated.	Planning Committee noted.

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
	incomplete. Complete notification is to be provided in the SRP.	<i>It is actually Annexure 14.1. Complete notification is provided at Page No. 277.</i>	
2.3	Annexure 2.3, 2.4, 2.5 & 2.6: It has been observed that data of 2005 have been used. Updated data should be analysed.	Accepted. Partly incorporated. <i>Data of year 2008, 2009 & 2013 is incorporated at Page No. 280-283. Analysis would be incorporated by 25.02.2014.</i>	Planning Committee noted and recommended that the observation be incorporated and the revised SRP be submitted by 25.02.2014. Planning Committee also recommended that all data and analysis thereof should be thoroughly checked for correctness and to ensure that there is no discrepancy.
2.4	Annexure 2.3, 2.4, 2.5 & 2.6 depicting SO ₂ , NO ₂ , RSPM & SPM Levels in Haryana Sub-region, Page 19 & 20: The nomenclatures 'SO ₂ ' and 'NO ₂ ' should be written as 'SO ₂ ' and 'NO ₂ ' respectively. Similarly, the unit of concentration should be 'µg/m ³ ' instead of 'µg/m3'. The data given in these Annexures relates to the year 2005 which is almost seven years old and needs to be updated with the analysis of temporal changes. These Annexures are not relevant in this	Accepted. Incorporated. <i>Data of year 2008,</i>	Planning Committee noted. However, Planning Committee recommended that all data and analysis thereof should be thoroughly checked for correctness and to ensure that there is no discrepancy.

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
	Chapter and should be part of Para 14.6.2 of Chapter 14. This para should also indicate the analysis of air quality.	2009 & 2013 is incorporated at Page No. 280-283. Analysis would be incorporated by 25.02.2014.	
Chapter 4: Demographic Profile and Settlement Pattern			
4.1	<p>Para 4.1.1, Page33: It has been mentioned that <i>“The Haryana Sub Region comprises of an area of 13428 sq. km. with a total population of approx. 11 million in 2011. This amounts to 30.37% of the total area and 43.51% population of the State. The average density of the region, (822 persons per sq.km.) is more than the state average of 573. Faridabad, followed by Gurgaon and Panipat are more densely populated. The lowest in density is Jhajjar followed by Rewari district.”</i> This should be replaced with the following:</p> <p><i>“The Haryana Sub-Region comprises of an area of 13,428 sq. km. with a total population of approx. 11 million in 2011. This amounts to 30.37% of the total area and 43.51% population of the State. The average density of the Haryana Sub-Region (822 persons per sq.km.) is higher than that of the State average of 573 p/sq.km. Among districts of the Sub-Region, population density of Faridabad is the highest and population density of Jhajjar is the lowest”.</i></p>	<p>Accepted. Incorporated.</p> <p>Para 4.1.1 Page No. 31</p>	Planning Committee noted.

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
4.2	<p>Para 4.1.1, Page33: Population density of Haryana Sub-Region should be given / illustrated instead of the State of Haryana.</p> <p>It is mentioned that “Faridabad is a highly urbanised and industrialised of the State”. This should be replaced with “Faridabad is a highly urbanised and industrialised district of Haryana Sub-Region”.</p>	<p>Accepted. Incorporated.</p> <p><i>Page No. 31</i></p>	Planning Committee noted.
4.3	Map 4.1, Page 34: Title of the Map should be written as “District wise composition of urban and rural population of Haryana Sub-Region, 2011	<p>Accepted. Incorporated.</p> <p><i>Page No. 32</i></p>	Planning Committee noted.
4.4	Para 4.1.5 Table 4.4 the title of the table should be written as “Population of Urban Centres in Haryana Sub-Region, 2011”.	<p>Accepted. Incorporated.</p> <p><i>Page No.36</i></p>	Planning Committee noted.
4.5	Page 44: Number of the para “Projected Settlement Pattern” should be 4.4.3 instead of 4.4.2 as mentioned.	<p>Accepted. Incorporated.</p> <p><i>Page No. 44</i></p>	Planning Committee noted.

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
4.6	<u>Additional Point:</u> Population Data of 2031		Planning Committee recommended that all projected population data of 2031 are to be provided as Annexure (s) and not in the main chapters of Haryana SRP-2021.
Chapter 5: Economic Scenario			
5.1	It has been observed that in the Table of Contents, 'Economic Scenario' has been mentioned, whereas in the main chapter, 'Economic Profile' has been mentioned. Name of the chapter should be modified to "Economic Scenario", in place of "Economic Profile".	Accepted. Incorporated. <i>Page No.67</i>	Planning Committee noted.
<u>Chapter 7: Power</u>			
7.1	Table 7.5 page 126: Data for 2010-11 and 2011-12 to be provided. In Table 7.6 page 126, data for the year 2011-12 to be provided.	Accepted. Incorporated. <i>Page No. 127</i>	Planning Committee noted.
7.2	In para 7.4.1 it is observed that the details of forecast has been given as per the 17th Electric Survey Power Report. The 18th Electric Survey Power Report has been prepared by the CEA need to the incorporated.	Accepted. Cannot be incorporated now. <i>18th Electric Power Survey Report Volume III is not available.</i>	Planning Committee noted that Govt. of Haryana has not got hold of the 18th Electric Survey Power Report by CEA. Therefore, Planning Committee

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
			recommended that the Sub-Regional Plan for Haryana Sub-Region of NCR-2021 may contain data of the 17 th Electric Survey Power Report by CEA and analysis thereof.
7.3	In para 7.6 Future Development Policy, the policies and proposals should cover recommendations and other policies and strategies. This need to be suitably amended.	Accepted. The suggestion will be incorporated by 25.02.2014.	Planning Committee noted and recommended that all the Chapters should be suitable amended, after addressing Observation of the NCRPB Secretariat at Sr. No. 0.1 above.
<u>Chapter 8: Water</u>			
8.1	Map 8.1: Major Rechargeable Areas in the Sub-Region: Legible map should be provided. It has further been observed that Source of the Map has been mentioned as DJB, UPJN, PHE Department of Rajasthan, apart from PHE Department, Haryana. Since the Map shows Major Rechargeable areas in the Haryana Sub-Region, the source is to be checked and corrected.	Accepted. Incorporated. <i>Page No. 179</i>	Planning Committee noted.
8.2	Table 8-24: Quantity of treated sewage (BCM/ year): It is to be clarified whether the data of this table correspond to entire NCR or only for Haryana Sub-Region.	Accepted. Incorporated. <i>Page No. 185</i>	Planning Committee noted.

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
8.3	Table 8-33: Projected Estimated Water Shortage in 2021 (in MCM): Total water deficit should be 4551 MCM, in place of 4552 MCM as mentioned in the table as well as in the text of para 8.9.3 and 8.9.4 (Page 189).	Accepted. Incorporated. <i>Page No. 190</i>	Planning Committee noted.
8.4	List of completed and ongoing projects, including the ones funded by NCRPB along with total cost of the projects in the Water sector should be provided.	Accepted. Incorporated. <i>Page No. 191</i>	Planning Committee noted that list of all completed and ongoing projects with financial assistance from NCRPB in various sectors have not been provided. Planning Committee recommended that full list of completed and on-going projects with financial assistance from NCRPB be provided in respective chapters.
8.5	Service Level Benchmarking: <ul style="list-style-type: none"> It has been observed that Annexure A1 has been provided which contains the notification by Govt. of Haryana dated 28.03.2013 regarding fixation of Service Level Benchmarks to achieve the target for improvement for all the towns in the state of Haryana in the sectors of Water Supply, Sewerage, Storm Water Drainage and Solid Waste Management. A district-wise summary in the 	Accepted. Incorporated as per present practice in the State Government. <i>Page No. 167-171</i>	Planning Committee noted that the notification by Govt. of Haryana regarding targets of Service Level Benchmarks in various sectors, cover till 2013-14 and one para has been inserted in Haryana SRP that by 2021 the desired level of services as per MoUD guidelines will be achieved.

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
	<p>Water Supply sector only has been provided in Table 8.12. A town-wise (within the Sub-Region) summary is to be provided in the respective sectors, clearly indicating the present status and proposed target till 2021.</p> <ul style="list-style-type: none"> • Further and continuation to the above, the afore-said notification has provided target for 2013-14 only. Since the Sub-Regional Plan for Haryana is prepared with the perspective year 2021, target proposed to be achieved till 2021 is to be provided. 		<p>Therefore, Planning Committee recommended that the existing provision in Haryana SRP may be kept.</p>
8.6	<p>It has been observed that policies and proposals pertaining have been provided in various sections, instead of under one head of “Policies and Proposals”. For example, Para 8.8: Use of existing infrastructure to its optimum, page 185 has listed & detailed out ‘Reduce UFW losses in piped water supply system’ as one sub-head. Para 8.9.6: Policies & Proposals for Water Management, Sl. No. (20), also lists & details out ‘Reduction in NRW’ in page 193. Further, Para 8.8, Para 8.6 etc. should be detailed out as sub-paras under the Para on overall “Policies and Proposals” only. It is required that “Policies and Proposals” is well structured, with all relevant policies clubbed under this head. It is further suggested that each policy/proposal be given a para number for easy referencing.</p>	<p>Accepted. The suggestion will be incorporated by 25.02.2014.</p>	<p>Same as Sr. No. 0.1 above.</p>

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
8.7	It has been observed that in Page 164, same table number of 8.10 has been given for two tables, namely, “CPHEEO Norms for Water Supply” and “Total Water Demand in NCR, 2005”. This is to be corrected.	Accepted. Incorporated. <i>Page No. 165</i>	Planning Committee noted.
<u>Chapter 9: Sewerage, Solid Waste Management, Drainage & Irrigation</u>			
9.1	<p>It may be noted that the DRRP-2021 has dealt with a particular sector in the following sequence:</p> <ol style="list-style-type: none"> Existing Situation and analysis thereof. Issue and Challenges of that particular sector. Policies and Proposals, considering Sl. No. (a) and (b) above. <p>It has been observed that in Sewerage and Irrigation ‘Issues and Challenges’ are missing (even though the issues in the Solid Waste Management, Drainage and Irrigation sectors has briefly been covered within ‘Background’).</p> <p>It is suggested that every sector/chapter be covered under the afore-said three main heads in line with the DRRP-2021, for ensuring logical flow of the Plan.</p>	Accepted. The suggestion will be incorporated by 25.02.2014.	Same as Sr. No. 0.1 above.
9.2	List of completed and ongoing projects, including the ones funded by NCRPB along with total cost of the projects in the	Accepted. Incorporated for	Same as Sr. No. 8.4 above.

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	Sewerage, Solid Waste Management, Drainage and Irrigation sectors are to be provided.	sewerage projects. Projects of remaining sectors will be incorporated by 25.02.2014.	
9.3	<p>Table 9-2 and paragraph below the table: The word “Sewerage Treatment” is to be replaced by “Sewage Treatment”.</p> <p>Further to the above, the following corrections are to be made in table 9-2:</p> <p>The unit is to be mentioned that MLD in the title instead of MCM.</p> <p>The treatment capacity should be 406 MLD, in place of 405 MLD as provided in the table.</p>	<p>Accepted. Incorporated.</p> <p><i>Page No. 200</i></p>	<p>Planning Committee noted.</p> <p>However, Planning Committee recommended that all data and analysis thereof should be thoroughly checked for correctness and to ensure that there is no discrepancy.</p>
9.4	<p>It has been observed that data of table 9.1, 9-2 and 9.3 do not tally. Following are some of the examples:</p> <ul style="list-style-type: none"> As per table 9.1 coverage of sewer network (%) in case of Samalkha town in Panipat district is 71%, whereas as per table 9.3 the figure is 0%. This is to be checked and corrected throughout the tables. It has been observed that population figures do not match 	<p>Accepted. Partly incorporated. Cross verification will be done by 25.02.2014.</p>	<p>Planning Committee noted and recommended that the observation be incorporated and the revised SRP be submitted by 25.02.2014.</p> <p>Planning Committee also recommended that all data and analysis thereof should be thoroughly</p>

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	<p>with the projected population in various districts as provided in Table 4-5, page 37. For example, in case of Gurgaon district, population 2021 as per Table 4-5 is 3056183, whereas, as per Table 9.3, the figure is 2956183. This is to be thoroughly checked and corrected.</p> <ul style="list-style-type: none"> • In case of total population for Haryana Sub-Region also, the figure should be 16828000, in place of 16703089, as mentioned. • In case of Actual Sewage Generation in 2021 also, as per Table 9-2, this is 1342 MLD, whereas as per Table 9.3 this is 2550.2 MLD. This is to be checked and corrected. <p><u>The above-mentioned discrepancies are to be thoroughly checked and uniformity in facts & figures are to be maintained in Table 9.1, 9-2 and 9.3.</u></p>		checked for correctness and to ensure that there is no discrepancy.
9.5	Table 9-7: Figure for ‘STPs under construction (MLD)’ should be 461, in place of 368.4 as mentioned in the table.	Accepted. Incorporated. <i>Page No. 200</i>	Planning Committee noted. However, Planning Committee recommended that all data and analysis thereof should be thoroughly checked for correctness and to ensure that there is no discrepancy.
9.6	Para 9.2.2: Solid Waste Zones: In the para “Urban Areas”	Accepted.	Planning Committee noted.

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	<p>(page 202), the figure of urban population is to be corrected from, 10.52 Million to 10.65 million.</p> <p>In the same paragraph, average generation rate for solid waste is to be corrected from “0.3 kg/day/HH” to “0.3kg/day/capita”.</p>	<p>Incorporated.</p> <p><i>Page No. 204</i></p>	
9.7	Table 9-9: It should be mentioned that the population corresponds to Urban Population only, and not entire Haryana Sub-Region.	<p>Accepted. Incorporated.</p> <p><i>Page No. 207</i></p>	Planning Committee noted.
9.8	It has been observed that in Para 9.6: Irrigation, data and information at the Regional level have been provided. Data/Information at the Sub-Regional level too is to be provided.	<p>Accepted. Incorporated.</p> <p><i>Page No. 210</i></p>	<p>Planning Committee noted that the “Background” paragraph of the Haryana SRP still mentions details at the regional level only.</p> <p>Planning Committee recommended that details at the sub-regional level be added at para 9.6.</p> <p>Planning Committee also noted that sub-paragraphs numbers are to be corrected in para 9.6 Irrigation.</p>
<u>Chapter 11: Shelter</u>			

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
11.1	Para 11.5, page 223 and Table 11.9 Page224: Slum in the sub-region, 2001 The slum population of urban centres needs to be updated with Census 2011 data.	Accepted. Incorporated. <i>Page No. 228</i>	Planning Committee noted.
11.2	It is suggested that District/Town wise implementation status of different Programmes and Policies Implemented by Ministry of Housing & Urban Poverty Alleviation to address the concerns of housing, infrastructure, slum development and basic civic amenities with special emphasis to urban poor should also be provided under section 11.5.	Accepted. The suggestion will be incorporated by 25.02.2014.	Planning Committee noted and recommended that the observation be incorporated and the revised SRP be submitted by 25.02.2014.
<u>Chapter 12: Social Infrastructure</u>			
12.1	All the Policies and Proposals as stipulated in the Draft Revised Regional Plan-2021, Chapter-12 on Social Infrastructure may be referred and suitably incorporated in the SRP-2021.	Accepted. Incorporated. <i>Page No. 244-246</i>	Same as 0.1 above.
12.2	It may be incorporated in the 'Policies and Proposals' for Educational Infrastructure that all the schools particularly elementary and pre-secondary schools should comply with the Right to Education Act norms for the required pupil-teacher ratio and other infrastructure in the school such as classrooms, provision of toilets and drinking water facilities. Access, equity, quality and governance should be priority	Accepted. Partly incorporated. An additional analysis will be provided by 25.02.2014.	Planning Committee noted and recommended that the observation be incorporated and the revised SRP be submitted by 25.02.2014.

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
	areas of education sectors with an emphasis on improving alarming outcomes at all levels.		
Chapter 13: Heritage and Tourism			
13.1	Para 13.8 on problems, issues, opportunities has been added as suggested which have been copied from DRRP-2021. This need to be modified/ corrected as per Haryana Sub-Region.	Accepted. Incorporated. <i>Page No. 61</i>	Planning Committee noted.
13.2	Page 257, Map 13-1 is related to location of tourism sites in sub-region, it has been observed that in the legend only Kos Minar and Monuments have been mentioned. It is suggested that location of other tourism sites as given in earlier Plan should be added in this Map and reference of Map should be mentioned in the text also. It is also suggested that Source of the Map may be changed.	Accepted. Incorporated. <i>Page No. 260</i>	Planning Committee noted.
13.3	Page 263, Annexure 13-1, reference of this Annexures have not mentioned/given in the Chapter. This should be added/referred in the Chapter.	<i>Deleted.</i>	Planning Committee noted that Annexure 13-1, which provides the list of some of the built heritages listed by ASI, has been deleted. Planning Committee recommended that the list be provided and appropriate referencing/mention be made in the description of the

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			chapter.
<u>Chapter 14: Environment</u>			
14.1	Section 14.3 (Air Quality): Data relate to 2005/2007. This needs to be updated.	Accepted. Incorporated. <i>Data of year 2008, 2009 & 2013 is incorporated.</i> <i>Analysis would be incorporated by 25.02.2014.</i>	Planning Committee noted and recommended that updated data and analysis thereof are to be incorporated and the revised SRP be submitted by 25.02.2014. Planning Committee further recommended that all diagrams & analysis thereof should be in the same format as provided in the Draft Revised Regional Plan-2021 prepared by NCRPB.
14.2	Section 14.4 (Surface Water Quality): The list of all water bodies in Haryana sub-region as identified in the existing Land Use (refer Map 17-2: Existing Land Use Map) has to be provided.	Accepted. The suggestion will be incorporated by 25.02.2014.	Same as Sr. No. 14.1 above.
14.3	Section 14.4.2 (Water Quality of Rivers): It is mentioned in the first paragraph that water quality of 9 monitoring stations for 5 years (2005-2011) for river Yamuna have been taken into account for surface water quality analysis. The data source and location of these monitoring stations in the Haryana Subregion has to be provided. The status and	Accepted. The suggestion will be incorporated by 25.02.2014.	Same as Sr. No. 14.1 above.

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
	analysis of water quality of Yamuna River as it passes through Haryana sub-region has to be included in the section. Similarly, status and analysis of water quality of Canals in Haryana sub-region has to be included in the section. At present, the status of water quality of canals in NCR has been provided in the sub section 14.4.2 (b), which has already been covered in RRP-2021.		
14.4	Section 14.5 Environment Sensitive Conservation Zone: It is mentioned that Aravalli ranges have been designated as Natural Conservation Zone in the Plan. A map of the delineated Natural conservation Zone, in accordance with RRP 2021, may be included in the Chapter. Further, the detail list of natural features/areas in the Haryana Sub-region (along with their district wise location), which have been included in the Environment Sensitive Conservation Zone, in accordance with RRP 2021, may be included in this section. Further, specific data on biological diversity of the various features/areas of Environment Sensitive Conservation Zone has to be provided & analyzed and specific policy has to be framed, in conformity with broad policies & proposals of RRP 2021. The status of setting up of State Biodiversity Board (SBB) for Haryana as per provisions as per Biological Diversity Act, 2002 and Biological Diversity Rules, 2004, also needs to be included in this section.	Accepted. Incorporated except detail list of natural features and specific data on biological diversity. <i>Page No. 274</i>	Planning Committee noted and recommended that the observation be incorporated and the revised SRP be submitted by 25.02.2014.

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
14.5	<p>Section 14.6 (Issues, Policies & Proposals): <i>This section mentions some broad issues, policies and proposals for NCR, which has already been covered in RRP 2021.</i> This section needs to be modified, covering specific issues, policies & proposals for Haryana Sub-region which are in conformity with the RRP-2021 have to be provided in this section. Further, there are certain discrepancies in relation to the previous sections of the Chapter, as follows:</p> <p>In Section 14.6.2 (Air Quality) Issues– It is mentioned that number of monitoring stations in Haryana sub-region is inadequate. However, there is no data in the previous section of air quality (section 14.3) to support this statement.</p>	Accepted. Partly incorporated. Policies and Proposals shall be added by 25.02.2014.	Planning Committee noted and recommended that the observation be incorporated and the revised SRP be submitted by 25.02.2014.
14.6	<p><u>Additional Point:</u> Data pertaining to Forest (also applicable in Chapter 17: Land Use):</p>		Planning Committee observed that data on forest have been provided from various sources, which are at a deviation from the Draft Revised Regional Plan-2021. The Committee further observed that the Maps provided are as per the data provided in the DRRP-2021. Therefore, Planning Committee recommended that data in line with the DRRP-2021 and analysis thereof be provided in

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			the Haryana SRP-2021.
<u>Chapter 17: Land Use</u>			
17.1	<p>In para 17.4.2 (1) (b) page 328: In the Zoning Regulations for <i>Agriculture (Rural) Zone within Controlled/Development/Regulated Areas</i>, a new provision has been added as Sl. No.25, which reads as follows:</p> <p>“(25) Any other used as approved by the Director, Town & Country Planning, Haryana and as per the policy parameters decided by the Government.”</p> <p>This provision is not as per the Regional Plan-2021 and Draft Revised Regional Plan-2021 and need to be deleted.</p>	Not accepted. Request for deliberations.	<p>Planning Committee deliberated on this matter in detail.</p> <p>Detailed discussions and thereafter observations and recommendations of the Planning Committee are placed in Annexure-II(A).</p>
17.2	<p>In para 17.4.2 (3), page 330: In the Zoning Regulations for Natural Conservation Zone, a note has been added below provision (iv):</p> <p>“Note: However, in case some of the Natural Conservation Zone Area falls in the urbanisable zone/ notified SEZs, then the equivalent area will be compensated elsewhere by the State Government by including the same under the NCZ in the Sub-Region”.</p> <p>The note be deleted as Natural Conservation areas within the urbanisable area are more prone to encroachment and</p>	Not accepted. Request for deliberations.	<p>Planning Committee deliberated on this matter in detail.</p> <p>Detailed discussions and thereafter observations and recommendations of the Planning Committee are placed in Annexure-II(A).</p>

Sr. No.	Observations of NCRPB Secretariat communicated to Govt. of Haryana on the revised Draft SRP for Haryana Sub-Region of NCR-2021 as received on 17.02.2014	Response of Govt. of Haryana as presented in the Meeting	Recommendations / Observations of the Planning Committee
	<p>destruction. Any encroachment on Natural Conservation Zone area cannot be compensated.</p> <p>This provision is not as per the Regional Plan-2021 and Draft Revised Regional Plan-2021 and need to be deleted.</p>		
17.3	<p>Proposed Land use Haryana Sub-Region Plan-2021: It has been observed that in the Map, Special Economic Zone (SEZ) has been shown as separate category which is not required. Categories of land uses as per the Regional Plan (e.g. Urbanisable areas, Built-up areas, etc. are to be complied in this regard).</p>	<p>Not accepted. Request for deliberations.</p>	<p>Planning Committee deliberated on this issue in detail and recommended that the existing notified Special Economic Zones (SEZs) may be indicated in the map of Proposed Landuse Haryana Sub-Region-2021.</p>
17.4	<p><i>It has been observed that in the Proposed Land use Haryana Sub-Region Plan-2021 map, some industrial estate has been shown in text but no controlled / Development/ Regulated area has been demarcated (For example, area between Rohtak and Mahem). This is to be checked and corrected.</i></p> <p><i>It is observed that the notation of urbanisable area (yellow colour) have been shown in various parts of the Sub-Region particularly in the “agriculture (rural) zone within controlled areas” and “agriculture (rural) zone outside controlled areas” which are not part of the urbanisable area of any towns/settlements may be deleted.</i></p>	<p>Accepted. Controlled area will be declared before development of industrial estate.</p> <p>Not accepted. These proposals are a part of planned development</p>	<p>Planning Committee noted.</p> <p>Planning Committee deliberated on this issue and recommended that Urbanisable Areas shown in various</p>

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		like dairy farming, industrial estates in low potential zones etc.	parts of the Sub-Region particularly in the “agriculture (rural) zone within controlled areas” and “agriculture (rural) zone outside controlled areas” which are not part of the urbanisable area of any towns/settlements be deleted.
17.5	It has been observed that in the map of Proposed Landuse Haryana Sub-Region Plan-2021, the Master/Development Plan of Manesar Bawal Investment Region with the perspective year of 2039 has been shown. This is misleading. It is required that Master Plan of MBIR-2021 be shown, or, a footnote be inserted in the afore-said Map clearly mentioning this fact.	Accepted. Foot note will be added before 25.02.2014.	Planning Committee noted and recommended that the observation be incorporated and the revised SRP be submitted by 25.02.2014.
17.6	<u>Additional Point:</u> Para 17.4 (b): Green buffer		Planning Committee observed that applicability of Green Buffer as mentioned in para 17.4 (b) (i) of the Haryana SRP-2021 is not in line with the Draft Revised Regional Plan-2021, Planning Committee recommended that the same to be corrected in line with the DRRP-2021.

<u>Misc.</u>			
17.7	<p>Land Suitability Analysis:</p> <p><i>Planning Committee, in its 62nd Meeting, recommended the following relating to Land Suitability Analysis:</i></p> <p><i>“Master/Development Plans for the towns in the region should incorporate land suitability analysis for land use allocations, which would identify areas intrinsically suitable for settlement, agriculture, forestry, industry and recreational uses. Further growth in the region should be channelised in the areas, which are only suitable for settlement growth.”</i> Haryana SRP-2021 should mention Proposals and Policies in line with this.</p>	<p>Partly accepted.</p> <p>Land suitability analysis will be done for green field development. For organic development of existing towns the same is not practical.</p>	<p>Planning Committee deliberated on this matter in detail.</p> <p>Detailed discussions and thereafter observations and recommendations of the Planning Committee are placed in Annexure-II(A).</p>

ANNEXURE-II(A)

1. Sr. No. 17.1 of Annexure-II: Para 17.4.2 (1) (b): Zoning Regulations for Agriculture (Rural) Zone within Controlled / Development / Regulated Areas:

Planning Committee noted that a new provision has been added as Sr. No.25 of the Zoning Regulations for Agriculture (Rural) Zone within Controlled/Development/Regulated Areas, which reads as follows:-

“(25) Any other use as approved by the Director, Town & Country Planning, Haryana and as per the policy parameters decided by the Government.”

Director General, Town & Country Planning Department, Govt. of Haryana stated that the State Govt. frequently receives proposals for setting up of social infrastructures such as schools, hospitals, etc. outside the urbanisable limits of the towns and in the Agriculture (Rural) Zone within Controlled/Development/Regulated Areas. The proposed provision at Sr. No. (25), which is an addition to the zoning regulations as per the Revised Regional Plan-2021, has been formulated with an objective to facilitate setting up of these social infrastructures outside urbanisable limits of the towns.

Financial Commissioner & Principal Secretary, Town & Country Planning Department, Govt. of Haryana stated that the approved Sub-Regional Plan for U.P. Sub-Region of NCR-2021, in Para 16.9 (A) regarding Zoning Regulations in Controlled/Development/Regulated Zone, mentions the following:

“In this zone, activities will be permitted as per the Zoning Regulations of duly notified Master Plans”.

After detailed discussions, Planning Committee recommended that the following be mentioned in Sr. No.25 of para 17.4.2 (1) (b) pertaining to Zoning

Regulations for Agriculture (Rural) Zone within Controlled/Development/ Regulated Areas:

“Any other activity as per the zoning regulations of the notified Master/Development Plans”.

2. Sr. No. 17.2 of Annexure-II: Para 17.4.2 (3): Zoning Regulations for Natural Conservation Zone

Planning Committee noted that the following note has been added below provision (iv) of Para 17.4.2 (3) pertaining to Zoning Regulations for Natural Conservation Zone:

*“**Note:** However, in case some of the Natural Conservation Zone Area falls in the urbanisable zone notified SEZs, then the equivalent area will be compensated elsewhere by the State Government by including the same under the NCZ in the Sub-Region”.*

Chairperson, referred to the apprehensions expressed by members of the Planning Committee regarding the aforesaid **Note** and stated that the proposal from Govt. of Haryana could be detrimental to environment because Natural Conservation Zone (NCZ) constitutes not only the Aravalli range but also other ecologically sensitive areas such as river streams, ox-bow lakes, paleo channels, National Parks etc. Therefore, certain areas classified as NCZ, such as river streams, cannot be compensated, considering the unique features that it carries.

Financial Commissioner & Principal Secretary, Town & Country Planning Department, Govt. of Haryana stated that there are certain notified Special Economic Zones (SEZs) in the State of Haryana that fall within the Natural Conservation Zone identified in the Draft Revised Regional Plan-2021 prepared by NCRPB. He confirmed that these SEZs were duly approved by Ministry of Environment and Forests (MoEF). He

further stated that locations of the SEZs which are approved by Govt. of India cannot be changed. He proposed that the Clause may be modified by means of specifically mentioning the ecologically sensitive areas, such as river streams, ox-bow lakes, paleo channels, ridge areas etc., where the proposed mechanism of compensating NCZ area will not be applicable.

The Chief Regional Planner, NCRPB while referring to the principles of Regional Planning, mentioned that all the ecologically sensitive areas have to be identified and protected and allowing any kind of activities within the NCZ would go against the principle of Sustainable Development. He reiterated the need for preparation of Environmental Management Plan (EMP) by the participating states for all areas identified as NCZ and especially for areas covered under the Aravali Notification dated 7th May, 1992 issued by MoEF, in order to ensure protection of the ecologically sensitive areas.

Representatives of Govt. of U.P. and Rajasthan were also of the opinion that the proposed mechanism to compensate equivalent area elsewhere, in case some areas identified as Natural Conservation Zone fall in the urbanisable area, could adversely affect the NCZ.

After detailed discussions, Planning Committee recommended that the *Note* as proposed in the Haryana SRP-2021 in para 17.4.2(3) be deleted.

3. Sr. No. 17.7 of Annexure-II (Misc.): Land Suitability Analysis

Director General, Town & Country Planning Department, Govt. of Haryana, while referring to observations of NCRPB Secretariat regarding the requirement of carrying out Land Suitability Analysis for all the towns, stated that the draft revised Sub-Regional Plan for Haryana Sub-Region of NCR-2021 has proposed Land Suitability Analysis (LSA) to be carried out only for green field developments.

Financial Commissioner & Principal Secretary, Town & Country Planning Department, Govt. of Haryana stated that expansion of existing town is inevitable in order to address the growing demand of population increase which makes it necessary for additional urbanization. Since expansion of the existing settlements/towns can only take place in the areas contiguous to the existing settlements/towns from practical perspective, application of Land Suitability Analysis should not pose as a deterrent for such expansions. Therefore, the outcome of any LSA that prevents the expansions of existing settlements would ultimately defeat the overall purpose of housing the additional population and economic activities thereof.

Chief Coordinator Planner, NCR Cell, Govt. of U.P. expressed the same concern and stated that in U.P. Sub-Region, most of the land is fertile. Therefore, application of LSA in existing settlements/towns would prevent expansion of towns in a contiguous manner.

Chief Regional Planner, NCRPB stated that the matter of Land Suitability Analysis was extensively deliberated in the 62nd Meeting of the Planning Committee following the objections and suggestions received on the Draft Revised Regional Plan-2021. After detailed discussions on the issue, Planning Committee had recommended to incorporate the following in the DRRP-2021 regarding Land Suitability Analysis at Para 14.6.5 (iii):

“Master/Development Plans for the towns in the region should incorporate land suitability analysis for land use allocations, which would identify areas intrinsically suitable for settlement, agriculture, forestry, industry and recreational uses. Further growth in the region should be channelised in the areas, which are only suitable for settlement growth.”

He further stated that the aforesaid recommendation of the Planning Committee was placed before the Board for approval. Board in its 34th Meeting held on 20.01.2014 approved the aforesaid recommendation for incorporation in the Revised Regional Plan-2021.

Additional Secretary (UD), Ministry of Urban Development, Govt. of India stated that expansion of existing settlements/towns will take place in areas that are contiguous to the existing settlements/towns and therefore, he proposed that the earlier recommendation of the Planning Committee may be reconsidered.

After detailed discussions, Planning Committee recommended incorporation of the following in Haryana SRP-2021:

“Land Suitability Analysis will be carried out for green field developments”.

Planning Committee further recommended placing the aforesaid modified recommendation to the Board for approval.