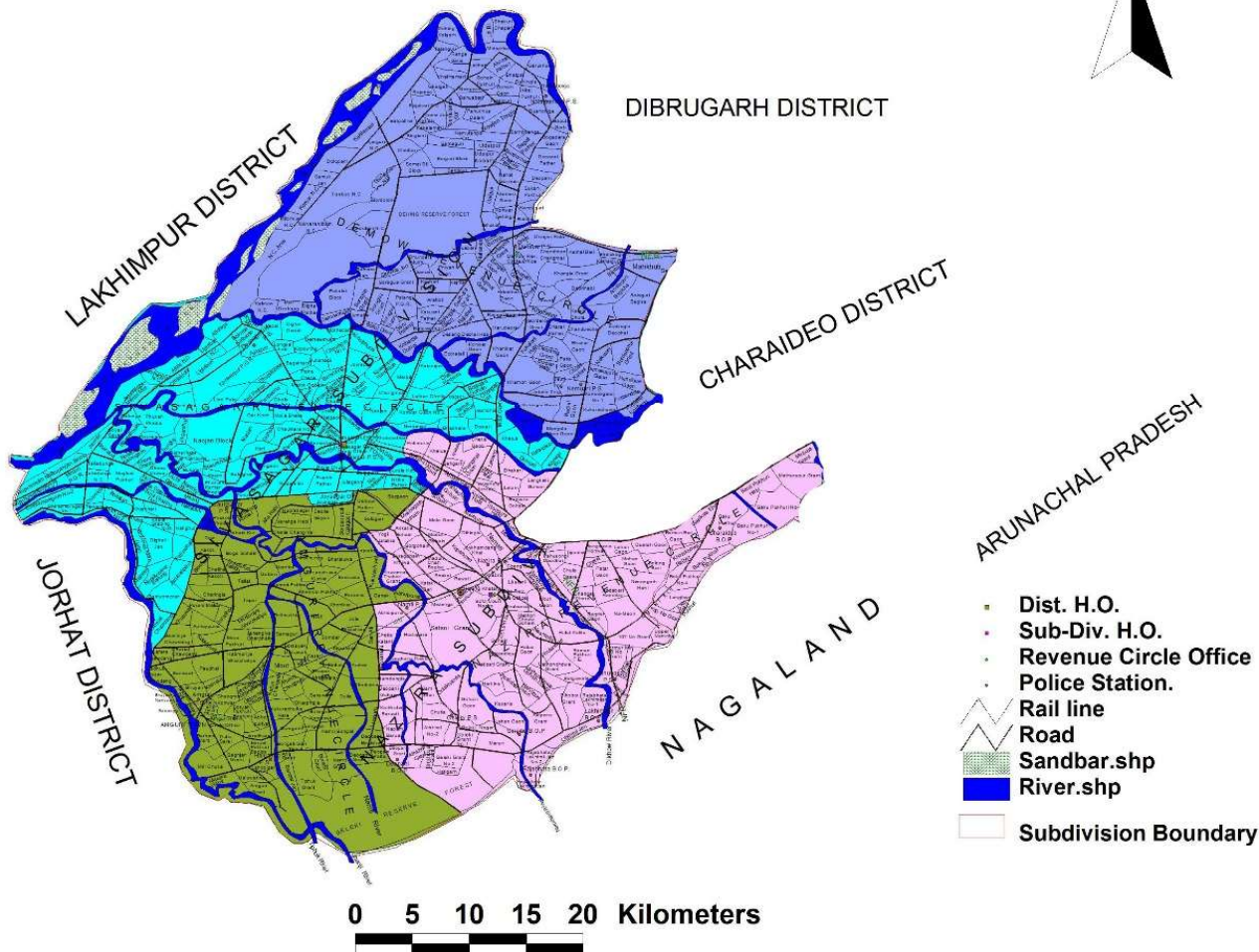


District Environment Plan for Sivasagar District, Assam

# SIVASAGAR DISTRICT



**Office of District Administration**  
**District Commissioner, Sivasagar District**  
Office: Office of District Commissioner, Sivasagar  
E-Mail: [dc-sibsagar@nic.in](mailto:dc-sibsagar@nic.in)

---

**Contents**

District Profile.....	4
a. District Administrative Set-up .....	5
b. Local institutions.....	5
c. Natural Resources .....	6
▪ Water bodies .....	6
▪ Availability of water resources .....	6
▪ Forest coverage .....	7
d. Geography & Demography.....	7
e. Land-use patter.....	8
f. Climate.....	8
2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules .....	9
(i) Solid Waste Management.....	9
a. Current status related to solid Waste management .....	9
b. Identification of gaps and Action plan.....	9-18
(ii) Plastic waste Management.....	18
(a) Current status related to Plastic waste management.....	18
(b) Identification of gaps and Action plan .....	18-21
(iii) C &D Waste Management.....	21
▪ a. Current status related to C &D Waste.....	21
b. Identification of gaps and Action plan.....	21-25
(iv) Biomedical Waste Management .....	25
a. Current Status related to biomedical waste .....	25
b. Identification of gaps and Action plan.....	25-27
(v) Hazardous Waste Management .....	27
a. Current Status related to Hazardous Waste Management.....	27
b. Identification of gaps and action plan.....	27-28
(vi) E-Waste Management.....	29
a. Current Status related to E-Waste Management .....	29
b. Identification of gaps and action plan.....	29-31
Air Quality Management.....	31
a. Current Status related to Air Quality Management.....	31
b. Identification of gaps and action plan.....	31-33
Water Quality Management .....	33
Water Quality Monitoring.....	33

---

a. Current Status related to Water Quality Management .....	33
b. Identification of gaps and action plan for water quality monitoring.....	33-35
Domestic Sewage.....	35
a. Identification of gaps and action plan for treatment of domestic sewage.....	35
b. Identification of gaps and action plan for treatment of domestic sewage.....	35-36
Industrial waste water management.....	36
a. Current Status related to Industrial Waste water Management.....	36
b. Identification of gaps and action plan for industrial wastewater: .....	36-37
Mining Activity Management plan.....	37
a. Current Status related to Mining Activity Management .....	37
b. Identification of gaps and action plan.....	37-38
Noise Pollution Management plan.....	38
a. Current Status related to Noise Pollution Management.....	38
b. Identification of gaps and action plan.....	38-39

**District Profile:**

The historical city of Assam, Sivasagar formerly known as Rangpur, was the capital of Ahom Kingdom from 1699 to 1788 AD. Sivasagar previously spelled as ‘Sibsagar’ (The Ocean of Lord Shiva) is a District of upper Assam which is about 360 km. away from State headquarter Guwahati. Sivasagar District is one of the 35 Districts of Assam in the North East India. The undivided Sivasagar District was comprised of three Subdivisions namely Sibsagar, Jorhat & Golaghat. On 1<sup>st</sup> July, 1983 the Sivasagar District was reorganized by carving out the Jorhat & Golaghat Districts. It was further divided on 15<sup>th</sup> August, 2015 for the creation of Charaideo District.

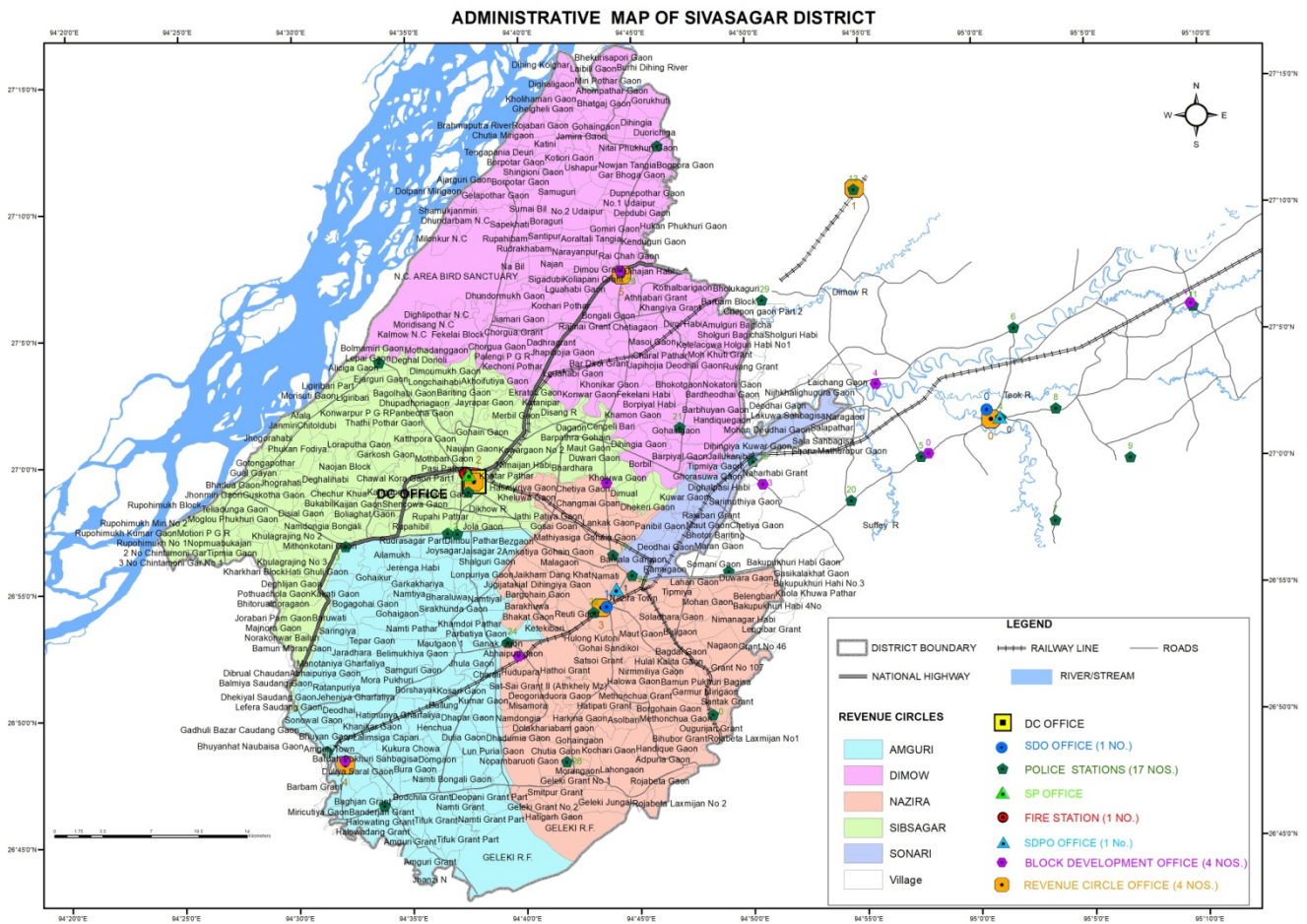
The Sivasagar District is known for its rich history, cultural heritage, and natural beauty. The District is a place of great historical and cultural significance, with a number of ancient monuments, temples, and palaces that reflect the city’s glorious past. Sivasagar was the capital city of Ahom dynasty from 1699-1788. The Ahom kings took keen interest in building different temples, dedicated to various deities and which were usually flanked by large tanks which stand as memorials to their glory.

Sivasagar city is the administrative headquarter of the District. The District covers an area of 1598.85 Sq. Kilometers and it covers 2.03% area of the total area of the State. The District ranks on 23<sup>rd</sup> position (highest to lowest) in the State in area wise ranking. The district is situated in the north-eastern part of Assam between 26.45°N and 27.15°N latitudes and 94.25°E and 95.25°E longitudes. The district is bounded by the Brahmaputra River to the north, Nagaland to the south, the Charaideo district to the east and the Jhanji River to the west.

In Sivasagar district, certain variations in the nature of topography are distinctly observed. It is a part of the alluvial plain in the Southern Bank of the river Brahmaputra. The height of the region varies between 200-400 feet above mean sea level. The whole region has a general slope from South East to North West. The direction of the flow of the major rivers very well points to the slope of the region. The marginal areas of the North fall in the active flood plain which is infested by Swamps, Marshes and Beels. The region adjacent to the foothills of the Naga Hills is highly undulating in nature.

District Environment Plan, Sivasagar  
**a. District Administrative Set-up**

The District Commissioner of the District is the overall in charge of the administration of the entire district. He also acts as the Collector in case of Revenue matters, as a District Magistrate in case of maintenance of Law and Order and General Administration, as a District Election Officer in case of conduct of Election and so on. A number of Officers, like District Development Officer, Additional District Commissioners, Sub-divisional Officers, Assistant Commissioners and others assist the District Commissioner for looking after the administration of the district. At lower level Nazira sub-division is headed by one Sub-Divisional Officer whereas under him there are Revenue Circle Officers for each revenue circle who are responsible for the entire administration of the area under their respective revenue circle. For administrative purposes, the entire district is divided into two sub-divisions viz., Sivasagar, Nazira. Again each sub-division is divided into revenue circles and under revenue circles there are Mouzas comprising revenue villages.



The District comprises two sub-divisions – Sivasagar and Nazira. There are 4 nos. of Revenue Circles viz. Sivasagar, Amguri, Nazira and Demow in the District. The Total number of Development Blocks in the District is 5 nos. which are Sivasagar, Demow, Gaurisagar, Nazira and Amguri. There are 82 numbers of Gaon Panchayats and 531 numbers of revenue villages in the District.

**b. Local institutions**

- a) Sub Divisions - a) Sivasagar b) Nazira
- b) Revenue Circles - a) Sivasagar b) Amguri c) Demow d) Nazira
- c) Development Blocks - a) Sivasagar b) Demow c) Gaurisagar d) Nazira e) Amguri

## District Environment Plan, Sivasagar

- d) Assembly Constituency - a) 96 No. Sivasagar b) 95 No. Demow c) 97 No. Nazira
- e) Parliamentary Constituency - a) 14 Jorhat P.C.
- f) Total Panchayats - 82 Nos.
- g) Total ULBs - 5 Nos.
- h) Total Revenue Village - 531 Nos.

### C) Natural Resources

#### ▪ Water bodies

Sivasagar district is a small segment of the riverine track of the mighty Brahmaputra and is intricately dissected by enumerable north-west flowing tributaries and sub-tributaries. Though the tributaries are perennial, in winter, the volume of discharges dwindles considerably, but in rainy seasons they remain almost in spate for more than three months; consequently floods are common during monsoon. The important tributaries of the Brahmaputra which meander in serpentine course-through the region are the Dikhow, Namdang, Jhanji, Darika, Demow, and Disang. Dikhow and Disang River are the main tributaries of the Brahmaputra river system. It closes in the south-western direction. The mighty Brahmaputra flows on the northern side of the district. The Desang River touches this district for a few miles terming the boundary of Dibrugarh and Sivasagar before it falls into the Brahmaputra. Dikhow, Darika and Jhanji are the other main rivers of the district. The Jhanji River forms the western boundary of the district with Jorhat district. The entire drainage system of the district finds its way to Brahmaputra.

#### ▪ Availability of water resources

Sivasagar District has a plenty of lakes, ponds and rivers. During the Ahom Dynasty the Ahom rulers created a unique history by digging more than 300 big and small ponds and constructing Douls besides the banks. The Sivasagar Tank, Joysagar Tank, Rudrasagar Tank, Gaurisagar Tank are some prominent tanks of that era.

There are 10 rivers in Sivasagar District:

- a) Brahmaputra River: The River Brahmaputra flows in a highly braided channel characterized by numerous mid channel bars. Length of the river under Sivasagar District is 48.80 km. and the length of embankment is 53.50 km.
- b) Desang: The River Desang is of meandering characteristics from foot hills to the outfall. The length of the river is 80 km. in the District of Sivasagar and the embankment is 82.30 km.
- c) Dikhow: The River Dikhow is one of the perennial south bank tributaries of river Brahmaputra. It flows northwards for a length of 200 km. before it joins with the river Brahmaputra
- d) Mitong: The Mitong River originates from Naga Hills and joins with river Jhanji after flowing parallel to B/ Dyke from Dikhowmukh to Jhanjimukh and with the river Brahmaputra as combined flow. The length of the river under Sivasagar District is 48.20 km. and the embankment length is 31.00 km.
- e) Jhanji: The Jhanji River meanders in the north western direction through alluvial plains of Sivasagar and Jorhat District and falls in the Brahmaputra after covering a distance of 28 km. downstream of NH 37. The length of embankment under Jhanji River is 6.75 km.
- f) Darika: Darika River traverses northwards and flows near Sivasagar town and accumulates in the low lying areas of Konwerpur mouza. The length of the river is 49.60 km. and the embankment length under Sivasagar District is 14.40 km.

#### District Environment Plan, Sivasagar

- g) Demow: The River Demow is a tributary of river Desang. The length of the river is 35.00 km. and the embankment length under Sivasagar District is 15.20 km.
- h) Namti: The River Namti is located in the south western part of the Sivasagar district. The length of embankment under Sivasagar District is 10.00 km.
- i) Namdang: The length of embankment of River Namdang under Sivasagar District is 2.60 km.
- j) Deroi: The Deroi River traverses through the flood plain for a distance of about 16 km. from Sepon-Sunpura road under Sivasagar District and joins the Desang River near Ikoratoli.

#### ▪ Forest coverage

The Forest Division of Sivasagar is spread over two civil districts namely Sivasagar and Charaideo. The Division has 24105.046 ha. of notified forest area consisting 7(seven) nos. of Reserve forests namely Geleky RF, Panidehing RF, Abhoipur RF, Sola RF, Sapekhati RF, Deroi RF and Dilli RF. The Division has a Protected Area namely Panidehing Bird Sanctuary with an area of 33.93sq km adjacent to the Panidehing Reserve Forest with its 282.12 km area as Eco Sensitive Zone being shock absorber. Most of the Reserve forests are consist of Hollong Nahor Forests of the Assam Tropical Evergreen Forest type.

#### d) Geography & Demography

In Sivasagar district, certain variations in the nature of topography are distinctly observed. It is a part of the alluvial plain in the Southern Bank of the river Brahmaputra. The height of the region varies between 200-400 feet above mean sea level. The whole region has a general slope from South East to North West. The direction of the flow of the major rivers very well points to the slope of the region. The marginal areas of the North fall in the active flood plain which is infested by Swamps, Marshes and Beels. The region adjacent to the foothills of the Naga Hills is highly undulating in nature.

Sl No.	Descriptions	Data
1	Total Area	1598.85 sq. km.
2	Population	6,92,435 (As per 2011 Census)
3	Rural Population	6,12,062 (As per 2011 Census)
4	Urban Population	80,373 (As per 2011 Census)
5	Decennial Growth Rate	9.37
6	Density of Population	431 per sq. km.
7	Literacy rate	78.41%
8	Sex Ratio	951 Female per 1000 male.

- ❖ The main communities living in the district are Ahoms, Chutias, Tea Tribes (Adivasi), Koibatras, Sonowal Kacharis, Mising, Indian Gorkhas and Deoris.

**e) Land-use pattern**

<b>Sl No.</b>	<b>Descriptions</b>	<b>Data</b>
	<b>Geographical Area</b>	<b>1,59,885 ha.</b>
	<b>Area under Forest</b>	<b>24,105.046 ha.</b>
	<b>Net Area Sown</b>	<b>1, 30,705 ha.</b>
	<b>Cropped Area</b>	<b>1, 48,568 ha.</b>
	<b>Total Irrigated Area</b>	<b>1043 ha.</b>

**Climate**

The climate of Sivasagar district is characterized by warm, humid, rainy summer and cool dry winter. The rainy season begins from June and continue till early September. The normal rainfall in the district is 2244.5 mm. The pre-monsoon weather is marked by rising temperature and occasional mild to severe thunder storms. The winter is mild and morning and evening fogs are common. The most pleasant weather of this region is found during the month of October and November. Occasionally, unusual drought condition prevails in the pre-monsoon period which adversely affects the winter crops, summer paddy and mostly the tea plantation. In Sivasagar district the annual rainfall is between 200-250 cm. Most of the rainfall is received under the influence of South-West monsoon which starts in May and lasts till September to mid-October. Maximum rainfall is recorded in the month of July and minimum in the month of January.



**2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules****(i) Solid Waste Management****a. Current status related to solid Waste management**

Sl. No.	Urban Local bodies	No of Wards	No of Households	Population	Solid Waste Generated per day
1	Municipalities (Nagar Palikas)	a) Amguri M.B.-10	1866	8002	3.0 TPD
		b) Demow M.B.-10	2485	10228	2.1 TPD
		c) Nazira M.B.-10	3690	13299	3.1 TPD
		d) Simaluguri M.B-10	2127	8286	2.1 TPD
		e) Sivasagar M. B.-14	12700	50781	23 TPD

	Local Bodies	No of Village panchayats / Blocks	No of Households	Population	Solid Waste Generated per day
2	a) Sivasagar Development Block	17	28405	141066	NA
	b) Gaurisagar Development Block	15	26134	119340	NA
	c) Amguri Development Block	10	27631	81409	NA
	d) Demow Development Block	20	46260	156966	NA
	e) Nazira Development Block	20	35006	159686	NA

**Identification of gaps and Action plan:**

S. No.	Action points For villages / blocks/town municipalities /City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
<b>1.</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	<ul style="list-style-type: none"> <li>In Amguri Municipality Area Segregation is initiated at all wards partially.</li> </ul>	To be achieved in 100% wards once landfill site set up is available. Awareness is done by various mean like leaflets , mike announcement, street play, hoardings etc.	Amguri Municipal Board	24 Months.
		<ul style="list-style-type: none"> <li>In Demow Municipality Area Segregation is practiced by 20% households.</li> </ul>	100% segregation of waste at source will be achieved, once solid waste management plant and sanitary landfill site is fully established jointly by Sivasagar & Demow MBs.	Demow MB	18 Months
		<ul style="list-style-type: none"> <li>In Nazira MB Segregation is practiced at source by 20% of households.</li> </ul>	100% segregation of waste at source will be achieved, once solid waste management plant and sanitary landfill site is fully	Nazira MB	21 Months

District Environment Plan, Sivasagar

			established jointly by Nazira MB & Simaluguri MB.		
		<ul style="list-style-type: none"> <li>In Simaluguri MB Segregation is practiced at source by 25% of households.</li> </ul>	100% segregation of waste at source will be achieved, once solid waste management plant and sanitary landfill site is fully established jointly by Nazira MB & Simaluguri MB.	Simaluguri MB	21 Months
		<ul style="list-style-type: none"> <li>In Sivasagar Municipality Area segregation is practiced at source by households.</li> </ul>	100% segregation of waste at source will be achieved, once solid waste management plant and sanitary landfill site is fully established.	SMB, NGOs	18 Months.
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	<ul style="list-style-type: none"> <li>In Amguri MB Sweeping is done once in a day.</li> <li>In Demow MB sweeping is done once a day.</li> <li>In Nazira MB sweeping is done once a day.</li> <li>In Simaluguri MB sweeping is done once a day.</li> <li>In SMB sweeping is done twice a day.</li> </ul>	Frequency of sweeping will be increased in 100% areas of the Municipal Boards in the next 24 months.	Safai Karmacharis of AMB Safai Karmacharis of DMB Safai Karmacharis of NMB Safai Karmacharis of Simaluguri MB Safai Karmacharis of Sivasagar MB	24 Months
ii)	Mechanical Road Sweeping & Collection	Amguri Municipal Board- Nil Demow Municipal Board- Nil Nazira Municipal Board- Nil Simaluguri Municipal Board- Nil Sivasagar Municipal Board- Nil	Mechanical Road Sweeping & Collection is not feasible at present.	Amguri MB Demow MB Nazira MB Simaluguri MB Sivasagar MB	NA NA NA NA NA

**3. Waste Collection**

(i)	100% collection of solid waste	In Amguri MB nearly 50% -60% collection of waste is going on	Remaining waste will be collected efficiently once landfill site set up is ready	Amguri MB	24 Months
		In Demow MB nearly 60% collection of waste is going on	Conservancy branch vehicles are directed to ensure door to door collection of waste on every alternative day in a week. Fine imposition is proposed on households who throw garbage in public places instead of giving it to the garbage collection vehicles.	Conservancy Branch of Demow Municipal Board	On-going
		In Nazira MB nearly 72% collection of waste is going on	Conservancy branch vehicles are directed to ensure door to door collection of waste on every alternative day in a week. Fine imposition is proposed on households who throw garbage in public places instead of giving it to the garbage collection vehicles.	Conservancy Branch of Nazira Municipal Board	On Going
		In Simaluguri MB nearly 60% collection of waste is going on	Conservancy branch vehicles are directed to ensure door to door collection of waste on every alternative day in a week. Fine imposition is proposed on households who throw garbage in public places instead of giving it to the garbage collection vehicles.	Conservancy Branch of Simaluguri Municipal Board	On Going
		In Sivasagar MB nearly 70% collection of waste is going on	NGOs and Conservancy branch vehicles are directed to ensure door to door collection of waste on every alternative day in a week. Fine imposition is proposed on households who throw garbage in public places instead of	NGOs and Conservancy Branch of Sivasagar Municipal Board	On Going

District Environment Plan, Sivasagar

			giving it to the garbage collection vehicles.		
(ii)	Arrangement for door to door collection	In Amguri MB arrangement for door to door waste collection facility is provided for all wards.	Proper Segregation of waste after landfill site set up is available.	Amguri MB	24 Months
		In Demow MB all 10 wards are covered under Door to door collection.	In model ward no. 10, 100% door to door collection is done. A proper route map for all remaining 9 wards is being prepared.	Demow MB	6 Months.
		In Nazira MB all 10 wards are covered under Door to door collection.	In model ward no. 5, 100% door to door collection is done. A proper route map for all remaining 9 wards is being prepared.	Nazira MB	8 Months.
		In Simaluguri MB all 10 wards are covered under Door to door collection.	In model ward no.1, 100% door to door collection is done. A proper route map for all remaining 9 wards is being prepared.	Simaluguri MB	8 Months.
		In Sivasagar MB all 14 wards are covered under Door to door collection.	Additional Garbage collection vehicles are ready to be deployed in the Municipal Wards.	NGOs and Sivasagar MB	6 Months.
(iii)	Waste Collection trolleys with separate compartments	In Amguri Municipal Board- 8 Nos. Tri-Cycle.	Sufficient vehicles are already there.	Amguri MB	NA
		Demow MB- 2 Nos. Tri-Cycle.	Sufficient vehicles are already there.	Demow MB	NA
		Nazira MB- 10 Nos. Tri-Cycle.	Sufficient vehicles are already there.	Nazira MB	NA
		Simaluguri MB- 10 Nos. Tri-Cycle.	Sufficient vehicles are already there.	Simaluguri MB	NA
		Sivasagar MB- 1 Nos. e –rickshaw available.	Proposal for buying new e-rickshaws is taken under NCAP.	Sivasagar MB	6 Months.
(iv)	Mini Collection Trucks with separate compartments	In Amguri MB 2 Nos. of Tipper 407 available.	At present Sufficient vehicles are already there.	Amguri MB	NA
		In Demow MB 3 nos. hopper tipper vehicles available.	Up-gradation is required for 3 nos. hopper tipper vehicles.	Demow MB	06 Months.
		In Nazira MB 3 Nos. hopper tipper vehicles with separate compartments available.	At present Sufficient vehicles are already there.	Nazira MB	NA

District Environment Plan, Sivasagar

		Simaluguri MB- 3 Nos. hopper tipper vehicles with separate compartments available.	At present Sufficient vehicles are already there.	Simaluguri MB	NA
		Sivasagar MB - In Sivasagar MB 8 Nos. hopper tipper vehicles with separate compartments available.	At present Sufficient vehicles are already there.	Sivasagar MB	NA
(v)	Waste Deposition centres (for domestic Hazardous wastes)	In Amguri MB no facilities are available yet for hazardous waste.	Separate collection and safe disposal of domestic hazardous waste is proposed for implementation.	Amguri MB	24 Months.
		Demow MB- In Demow MB no facilities are available yet for hazardous waste.	Separate collection and safe disposal of domestic hazardous waste is proposed for implementation.	NA	24 Months.
		Nazira MB- In Nazira MB no facilities are available yet for hazardous waste.	Separate collection and safe disposal of domestic hazardous waste is proposed for implementation.	Nazira MB	Ongoing
		Simaluguri MB- In Simaluguri MB no facilities are available yet for hazardous waste.	Separate collection and safe disposal of domestic hazardous waste is proposed for implementation.	Simaluguri MB	Ongoing
		Sivasagar MB- In Sivasagar MB no facilities are available yet for hazardous waste.	Separate collection and safe disposal of domestic hazardous waste is proposed for implementation.	Sivasagar MB	24 Months.
<b>4.</b>	<b>Waste Transport</b>				
(i)	Review existing infrastructure for waste Transport.	In Amguri MB available vehicles for the purpose: a) Tipper-2 Nos. b) Ace- 1 No. c) E-Rickshaw- 2 Nos. d) Tri-Cycle- 8 Nos. e) Hand Cart (Thela)- 4 Nos.	Requirement of Vehicles: a) Auto-Tipper-5 Nos. b) Excavator-1 No.	Amguri MB	6 Months
		In Demow MB a) Dumper-1 No. b) Tractor-1 No. c) Tipper- 3 Nos. d) Tri-Cycle-2 Nos.	Requirement of Vehicles: a) Auto-Tipper-3 Nos. b) Excavator-1 No.	Demow MB	24Months

District Environment Plan, Sivasagar

		In Nazira MB- a) Dumper-1 No. b) Tractor-2 No. c) Tipper- 3 Nos. d) Tri-Cycle-10 Nos.	Requirement of Vehicles: a) Auto-Tipper-2 Nos. b) Excavator-1 No	Nazira MB	22 Months
		In Simaluguri MB- a) Dumper-1 No. b) Tractor-2 No. c) Tipper- 3 Nos. d) Tri-Cycle-10 Nos.	Requirement of Vehicles: c) Auto-Tipper-2 Nos. d) Excavator-1 No	Simaluguri MB	21 Month
		In Sivasagar MB- a) Dumper-4 Nos. b) Tractor-2 No. c) Tipper- 10 Nos. d) E-Rickshaw- 1No.	Requirement of vehicles: a.) Tractor: 1No. b.) Dumper: 1 No.	Sivasagar MB	24 Months
(ii)	Bulk Waste Trucks	Amguri MB- 1 No. 407 Tipper available.	There is no any proposal for procurement of Bulk waste trucks as of now.	Amguri MB	NA
		Demow MB- 1 no. Dumper and 1 No. Tractor with Trailer.	There is no any proposal for procurement of Bulk waste trucks as of now.	Demow MB	NA
		Nazira MB- 1 No. Dumper & 2 Nos. Tractor with Trailer.	There is no any proposal for procurement of Bulk waste trucks as of now.	Nazira MB	NA
		Simaluguri MB- 1 No. Dumper & 2 Nos. Tractor with Trailer.	There is no any proposal for procurement of Bulk waste trucks as of now.	Simaluguri MB	NA
		Sivasagar MB- 4 Nos of Dumpers and 2 Nos of Tractor with Trailer.	There is no any proposal for procurement of Bulk waste trucks as of now.	Sivasagar MB	NA
(iii)	Waste Transfer points	Not Available in Amguri Municipality Area.	MCF of Bhuyanhat and Pengera GP under Amguri Development Block can be used as and when required.	Amguri MB	12 Months.
		Available in Demow Municipal Area.	MCF of Demow GP under Demow Development Block can be used as and when required.	Demow MB	12 Months
		Not available in Nazira Municipality area.	There are 2MCH Centres at Nazira GP Ward No. 1 & 2 and Barbaruah GP Ward No. 5 Which can be used as transfer station whenever needed	Nazira MB	12 Months

District Environment Plan, Sivasagar

		Not available in Simaluguri Municipality area.	No, There is a Centre at Ward No. 8 of Simaluguri GP which can be used as transfer station whenever needed	Simaluguri MB	12 Months
		One available in Sivasagar Municipal Area and the other out of Sivasagar Municipal Area.	MCF in Nagar Mahal Mouza and CMSC in Rangpur Mouza can be used as and when required.	Sibsagar MB	12 Months
<b>5</b>	<b>Waste Treatment and Disposal</b>				
(i)	Wet-waste Management: On-site composting by bulk waste generators(Authority may decide on requirement as per Rules)	In Amguri MB No bulk waste generators available.	Decentralized pit composting is encouraged, which are in practice by some households.	Amguri MB	6 Months.
		In Demow MB No bulk waste generators available.	Decentralized pit composting is encouraged, which are in practice by some households.	Demow MB	On Going
		In Nazira MB there is no any bulk waste generators identified.	Decentralized pit composting is encouraged, which are in practice by some households.	Nazira MB	Ongoing
		In Simaluguri MB there is no any bulk waste generators identified.	Decentralized pit composting is encouraged, which are in practice by some households.	Simaluguri MB	Ongoing
		In Sivasagar MB No bulk waste generators available.	Decentralized pit composting is encouraged, which are in practice by some households.	Sivasagar MB	On Going
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste.	In Amguri MB 3 chambers available for vermi- composting.	Up-gradation is required.	Amguri MB	12 Months.
		Demow MB- 1 no. pit composting unit available.	Up-gradation is required.	Demow MB	06 Months.
		Nazira MB- 1 No. of composting machine is ready to use.	1 No. of composting machine is ready to use.	Nazira MB	From July, 2024 onwards.
		Simaluguri MB- 1 No. of composting machine is ready to use.	1 No. of composting machine is ready to use.	Simaluguri MB	Within 6 Months
		Sivagar MB- 1 no. vermin composting plant is available.	Up-gradation is required. Bio-methanation plant will be set up by Oil India Limited	Oil India Limited and Sivasagar MB	36 Months

District Environment Plan, Sivasagar

(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	Amguri MB- Facility identified.	Project undertaken for solid waste management is under process.	Amguri MB	24 Months.
		Demow MB- MRF facility is available. No dry waste is converted to RDF as of now.	Project undertaken for solid waste management is under process.	Demow MB	24 Months.
		Nazira MB- Facility identified.	MRF location is identified	Nazira MB	Subject to Govt. approval.
		Simaluguri MB- 1 No of MRF facility centre available.	The plan is operational	Simaluguri MB	On Going
		Sivasagar MB- MRF facility is under construction at trenching ground, Dorikapar.	Another MRF facility is proposed to be constructed at Palakhani ,Sivasagar.	Schlumberger NGO & Sivasagar MB	24 Months
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	In Amguri MB sanitary Landfill is not available currently.	On Progress	Amguri MB	24 Months.
		In Demow MB, at present there is no sanitary Landfill available currently.	Place to establish sanitary landfill has been identified.	Demow MB	24 Months.
		In Nazira MB, Place to establish sanitary landfill has been identified.	Plan to establish Jointly to Nazira MB &Simaluguri MB sanitary landfill has been identified	Nazira MB	Subject to Govt. Approval.
		Simaluguri MB- Place to establish sanitary landfill has been identified	Plan to establish Jointly Nazira MB &Simaluguri MB sanitary landfill has been identified	Simaluguri MB	Subject to Govt. Approval.
		In Sivasagar MB, at present there is no sanitary Landfill available currently.	Place to establish sanitary landfill has been identified.	Sivasagar MB	24 Months.
(v)	Remediation of historic / legacy dumpsite	In Amguri MB Legacy waste is available at present dumping site.	Project yet not taken for remediation. Project to be taken at earliest.	Amguri MB	On going
		In Demow MB Remediation is required.	Remediation is ongoing at trenching ground, Dorikapar	Demow MB	On Going process.
		Nazira MB &Simaluguri MB has been jointly used damping ground at Mastersuk Simaluguri.	No any dumping Ground available at Nazira MB. Nazira MB & Simaluguri MB has been jointly using dampy ground at	Nazira MB	NA



District Environment Plan, Sivasagar

			Mastersuk Simaluguri.		
		Simaluguri MB- Legacy waste is available at present dumping site.	Project yet not taken for remediation. Project to be taken at earliest.	Simaluguri MB	NA
		Sivasagar MB- Remediation is required.	Remediation is ongoing at trenching ground, Dorikapar.	Sivasagar MB	On Going process.
(vi)	Involvement of NGOs	Amguri MB- Nil.	Involved and introduced user fee for meeting the need.	Amguri MB	On going
		In Demow MB No NGOs involved.	As of now the ULB itself is engaged in creating awareness among the public.	Demow MB.	On going
		Nazira MB- Nil	At present not Involved and introduced user fee for meeting the need.	Nazira MB	NA
		Simaluguri MB- Nil	At present not Involved and introduced user fee for meeting the need.	Simaluguri MB	NA
		In Sivasagar MB NGOs are actively involved.	5 Nos. of NGOs, 1 No. ALF and 1 No. SHG is engaged in day to day collection. They also create awareness among the public.	Sivasagar MB	On going
(vii)	EPR of Producers: Linkage with Producers /Brand Owners	Amguri MB- As of now no action has been initiated for EPR from Producers/ Brand Owners.	Notice will be issued for Extended producer responsibility to the Brand Owners/ Producers.	Amguri MB	06 Months
		Demow MB- As of now no action has been initiated for EPR from Producers/ Brand Owners.	Notice will be issued for Extended producer responsibility to the Brand Owners/ Producers.	Demow MB	06 Months
		Nazira MB- As of now no action has been initiated for EPR from Producers/ Brand Owners.	Notice will be issued for Extended producer responsibility to the Brand Owners/ Producers.	Nazira MB	6 Months
		Simaluguri MB- NO	NO	Simaluguri MB	NA
		Sivasagar MB- As of now no action has been initiated for EPR from Producers/ Brand Owners.	Notice will be issued for Extended producer responsibility to the Brand Owners/ Producers.	Sivasagar MB	06 Months.

District Environment Plan, Sivasagar

(viii)	Authorization of Waste Pickers	Amguri MB- No	Assessment yet to be done	Amguri MB	NA
		Demow MB- NO	Assessment yet to be done	NA	NA
		Nazira MB- NO	Assessment yet to be done	Nazira MB	NA
		Simaluguri MB-NO	Assessment yet to be done	Simaluguri MB	NA
		Sivasagar MB- No	Assessment yet to be done	Sivasagar MB	NA
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Amguri MB-Yes	Done	Amguri MB	Achieved
		Demow Mb- Yes	Done	Demow MB	Achieved
		Nazira MB-Yes	Done	Nazira MB	Achieved
		Simaluguri MB- Yes	Done	Simaluguri MB	Achieved
		Sivasagar MB- Yes	Done	Sivasagar MB	Achieved

**(ii) Plastic waste Management**

**(a) Current status related to Plastic waste management**

	Urban Local bodies	Estimated quantity of Plastic Waste Generated per day
3	a) Amguri M.B.	0.3 TPD
	b) Demow M.B.	0.3 TPD
	c) Nazira M.B.	0.3 TPD
	d) Simoluguri M.B.	0.3 TPD
	e) Sivasagar M.B.	0.5 TPD

	Local Bodies	Plastic Waste Generated per day
2	Block/Taluk/ Mandal Tehsils	Assessment yet to be done.
3	Village/Gram Panchayats	Assessment yet to be done.

**(b) Identification of gaps and Action plan:**

S. No.	Action points For village panchayats /blocks/municipalities /corporations	Identification of gap	Action plan	Agencies Responsible	Target time for Compliance
1.	Door to Door collection of dry waste including PW	Amguri MB- Achieving: 50% Gap: 50%	Following activities will be taken for awareness: a) Mike announcements	Amguri MB	On going

District Environment Plan, Sivasagar

			<ul style="list-style-type: none"> <li>b) Leaflet</li> <li>c) Awareness camps</li> <li>d) Wall Painting</li> </ul>		
		Demow MB- Achieving -60% Gap: 40%	Following activities will be taken for awareness: <ul style="list-style-type: none"> <li>a) Mike announcements</li> <li>b) Leaflet</li> <li>c) Awareness camps</li> <li>d) Wall Painting</li> </ul>	Demow MB	On going
		Nazira MB: Achieving-70% Gap-30%	Following activities will be taken for awareness: <ul style="list-style-type: none"> <li>a) Mike announcements</li> <li>b) Leaflet</li> <li>c) Awareness camps</li> <li>d) Wall Painting</li> </ul>	Nazira MB	On going
		Simaluguri Achieving-70% Gap- 30%	Following activities will be taken for awareness: <ul style="list-style-type: none"> <li>a) Mike announcements</li> <li>b) Leaflet</li> <li>c) Awareness camps</li> </ul>	Simaluguri MB	Ongoing
		Sivasagar MB- Achieving-70% Gap-30%	Following activities will be taken for awareness: <ul style="list-style-type: none"> <li>a) Mike announcements</li> <li>b) Leaflet</li> <li>c) Awareness camps</li> </ul>	Sivasagar MB	On Going
2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery facility.	Amguri MB-NA	To meet up with the increasing demand, Development of MRF is under process.	Amguri MB	12 Months
		In Demow MB 1 no of MRF is available.	Collection of PW as well as other dry waste is going on	Demow MB	On going
		Nazira MB- NA	NA	Nazira MB	NA
		Simaluguri MB-1 no of MRF is available.	NA	Simaluguri MB	On going
		Sivasagar MB- NA	one no of MRF under construction	NA	24 Months.

District Environment Plan, Sivasagar

3.	PW collection Centres	Amguri MB- NA	Development of MRF is under process.	Amguri MB	12 Months.
		Demow MB- NA	NA	NA	NA
		Nazira MB- NA	NA	NA	NA
		Simaluguri MB- 1 No of Small MRF Centre was available.	NA	NA	NA
		Sivasagar MB- MRF is under construction.	NA	NA	NA
4.	Awareness and education programs implementation	In Amguri MB, awareness done through various means including street play, video screening, leaflets, school level seminars etc.	More Such awareness activities to be done to minimize the use of single use plastic.	Amguri MB	06 Months
		In Demow MB awareness is created to use paper bags and jholas. Fine has been imposed on use of single use plastic.	Education through mass media, schools, producer/brand owner campaigns and other channels.	Demow MB	On Going
		Nazira MB- awareness done through various means including street play, video screening, leaflets, school level seminars etc.	Education through mass media, schools, producer/brand owner campaigns and other channels.	Nazira MB	On going
		In Simaluguri MB awareness is created to use paper bags and jholas. Fine has been imposed on use of single use plastic.	Education through mass media, schools, producer/brand owner campaigns and other channels.	Simaluguri MB	On Going
		In Sivasagar MB awareness is created to use paper bags and jholas. Fine has been imposed on use of single use plastic	Education through mass media, schools, producer/brand owner campaigns and other channels.	Sivasagar MB	On going

District Environment Plan, Sivasagar

5.	Access to Plastic Waste Disposal Facilities	Amguri MB- Development of MRF is under progress.	Once MRF is functional then further processing of Plastic waste can be done.	Amguri MB	12 months
		Demow MB-NA	NA	NA	NA
		Nazira MB- NA	NA	NA	NA
		Simaluguri MB-	NA	NA	NA
		Sivasagar Mb- MRF construction is under progress	Once MRF is functional then further processing of Plastic waste can be done.	Sivasagar MB	36 Months.

(iii) C&D Waste Management

- a. Current status related to C&D Waste

Details of Data Requirement	Present Status
Total C &D waste generation in MT per day (As per data from Municipal Corporations/Municipalities)	Amguri MB- Yet to be assessed(Used locally to fill low-lying areas) Demow M.B.-Yet to be assessed(Used locally to fill low-lying areas) Nazira M.B.-Yet to be assessed(Used locally to fill low-lying areas) Simaluguri M.B.-Yet to be assessed(Used locally to fill low-lying areas) Sivasagar M.B.-Yet to be assessed(Used locally to fill low-lying areas)
Does the District have access to C&D waste recycling facility?	Amguri MB- No Demow Mb-No. Nazira M.B- No. Simoluguri MB-No Sivasagar M.B.-No

b. Identification of gaps and Action plan:

S. No.	Action points for blocks / town municipalities/ City corporations	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	Amguri MB- No Separate facility for collection/treatment of C & D waste in the ULB as the generation is minimum under the ULB.	The generation of C&D is comparatively minimum which is reused by the generators themselves.	NA	NA

District Environment Plan, Sivasagar

		Demow MB- No Separate facility for collection/treatment of C & D waste in the ULB as the generation is minimum under the ULB.	The generation of C&D is comparatively minimum which is reused by the generators themselves.	NA	NA
		Nazira M.B- No Separate facility for collection/treatment of C & D waste in the ULB as the generation is minimum under the ULB.	The generation of C&D is comparatively minimum which is reused by the generators themselves.	NA	NA
		Simaluguri MB- No Separate facility for collection/treatment of C & D waste in the ULB as the generation is minimum under the ULB.	The generation of C&D is comparatively minimum which is reused by the generators themselves.	NA	NA
		Sivasagar M.B. - No Separate facility for collection/treatment of C & D waste in the ULB as the generation is minimum under the ULB.	The generation of C&D is comparatively minimum which is reused by the generators themselves.	NA	NA
2.	Whether local authority have fixed user fee on C&D waste and Introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a Month?	In Amguri MB:	By laws will be	NA	NA
		<ul style="list-style-type: none"> <li>Bye-law prepared at ULB level</li> <li>User fee is fixed accordingly.</li> </ul>	applicable if there is any bulk C& D waste generators found in the District.		
		In Demow MB:	By laws will be	NA	NA
		<ul style="list-style-type: none"> <li>Bye-law prepared at ULB level</li> <li>User fee is fixed accordingly</li> </ul>	applicable if there is any bulk C& D waste generators found in the District.		
		In Nazira MB:	By laws will be	NA	NA
		<ul style="list-style-type: none"> <li>Bye-law prepared at ULB level</li> <li>User fee is fixed accordingly</li> </ul>	applicable if there is any bulk C& D waste generators found in the District.		
		In Simaluguri MB:	By laws will be	NA	NA
		<ul style="list-style-type: none"> <li>Bye-law prepared at ULB level</li> <li>User fee is fixed accordingly</li> </ul>	applicable if there is any bulk C& D waste generators found in the District.		

District Environment Plan, Sivasagar

		<p>In Sivasagar MB:</p> <ul style="list-style-type: none"> <li>• Bye-law prepared at ULB level.</li> <li>• User fee is fixed accordingly.</li> </ul>	By laws will be applicable if there is any bulk C& D waste generators found in the District.	NA	NA
3.	C&D recycling Facility	<p>In Amguri MB, no recycling facility is available. Generated C&amp;D waste are reused by generators themselves, hence no remaining waste left.</p>	The generation of C&D waste is very minimum which is reused by the generators themselves and also used to fill low lying areas.	NA	NA
		<p>In Demow MB no recycling facility is available. Generated C&amp;D waste are reused by generators themselves, hence no remaining waste left.</p>	The generation of C&D waste is very minimum which is reused by the generators themselves and also used to fill low lying areas.	NA	NA
		<p>Nazira M.B- no recycling facility is available. Generated C&amp;D waste are reused by generators themselves, hence no remaining waste left.</p>	The generation of C&D waste is very minimum which is reused by the generators themselves and also used to fill low lying areas.	NA	NA
		<p>Simaluguri MB- no recycling facility is available. Generated C&amp;D waste are reused by generators themselves, hence no remaining waste left.</p>	The generation of C&D waste is very minimum which is reused by the generators themselves and also used to fill low lying areas.	NA	NA
		<p>In Sivasagar M.B. no recycling facility is available. Generated C&amp;D waste are reused by generators themselves, hence no remaining waste left.</p>	The generation of C&D waste is very minimum which is reused by the generators themselves and also used to fill low lying areas.	NA	NA
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks,	Amguri MB- Yes	Policy on usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road	NA	NA

District Environment Plan, Sivasagar

	lower layers of road pavements, colony and rural roads		pavements, colony and rural roads is available.		
		Demow MB-Yes	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads is available.	NA	NA
		Nazira M.B- Yes	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads is available.	NA	NA
		Simaluguri MB-Yes	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads is available.	NA	NA
		Sivasagar M.B.- Yes	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads is available.	NA	NA
5.	ICE on C&D waste management	Amguri MB- Yes	Instructions for intimating the ULB is given when new construction or demolition of old structures are under taken.	NA	NA
		Demow MB-Yes	Instructions for intimating the ULB is given when new construction or demolition of old structures are under taken.	NA	NA
		Nazira MB- NA	Instructions for intimating the ULB is given when new construction or demolition of old structures are under taken.	NA	NA
		Simaluguri MB-NA	Instructions for intimating the ULB is given when new construction or	NA	NA



District Environment Plan, Sivasagar

			demolition of old structures are under taken.		
		Sivasagar M.B.- NA	Instructions for intimating the ULB is given when new construction or demolition of old structures are under taken.	NA	NA

**(iv) Biomedical Waste Management**

**a. Current Status related to biomedical waste**

Inventory of BMW in the District	Quantity
Total no. of Bedded Healthcare Facilities	55 Nos.
Total no. of non-bedded HCF	138 Nos.
No. of HCFs authorized by SPCBs/PCCs	2 Nos.
No of Common Biomedical Waste Treatment and Disposal Facilities(CBWTFs)	1
Capacity of CBWTFs	50 Kg.
No. of Deep burials for BMW if any	193 Nos.
Quantity of bio medical waste generated per day	45 Kg/day
Quantity of biomedical waste treated per day	45 Kg/day

**b. Identification of gaps and Action plan:**

S. No.	Action points	Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Inventory and Identification of Healthcare Facilities	Check whether all HCFs including, clinics, hospitals, veterinary hospitals, Aayush hospitals, animal houses, etc generating biomedical waste area identified and authorized by SPCBs/PCCs	All HCF are instructed to apply for BPMW authorization.	Joint Director of Health Services & PCBA	6 Months.

District Environment Plan, Sivasagar

2.	Adequacy of facilities to treat biomedical waste	Check if there is any gap between Quantity of Biomedical Waste generated per day and quantity of Biomedical Waste Treated and disposed in the district ? In case of no access to CBWTFs, adequacy of existing disposal of BMW	Sivasagar Civil Hospital and Demow model hospital has been tied up with Pragati Nursing Home (CBWTF) . Rest HCF are using deep burial.	Joint Director of Health Services & PCBA	1 Year
3.	Tracking of BMW	Check whether bar code system is Implemented by all HCFs and CBWTFs?	Bar code system at the health institutes is yet to be implemented.	In Charge of CBWTF	1 Year
4.	Awareness and education of healthcare staff	Whether training has been organized for all stakeholders?	Awareness program conducted from time to time.	Joint Director of Health Services & PCBA	On Going
5.	Adequacy of funds	Whether adequate Funds is allocated to Government healthcare facilities for bio-medical waste management by State Govt.?	Fund is not adequate for Govt. HLF for management of Bio medical waste at present.		
6.	Compliance to Rules by HCFs and CBWTF s	Is there any district level mechanism to Monitor compliance by Hospitals/HCFs?	Action plan to be prepared to monitor compliance of HCF	Joint Director of Health Services & PCBA	1 Year
7.	District Level Monitoring Committee	Check whether District Level Monitoring Committee has been constitute and meetings are being organized?	DLMC is formed	Joint Director of Health Services & PCBA	Completed

District Environment Plan, Sivasagar

8.	Waste water Treatment	Check if HCFS are required to install ETPs for Waste water generated.	ETPs (Karnataka Model) have been installed at 25 Nos. laboratories. Fund required for installation of ETPs by HCFs where applicable.	Joint Director of Health Services & PCBA	1 Year
----	-----------------------	---	--	--	--------

**(v) Hazardous Waste Management**

**a. Current Status related to Hazardous Waste Management**

Details of Data Requirement	Present Status
No of Industries generating HW	79 Nos. (ONGCL, Tea Factory. DG Sets from Hotels & Hospitals)
Quantity of HW in the district	1435.19 MT/Annum.
(i) Quantity of Incinerable HW	NA
(ii) Quantity of land-fillable HW	423.4 MT/Annum.
(iii) Quantity of Recyclable/ utilizable HW	1011.79 MT/Annum.
No of captive/common TSDF	Nil.
Contaminated Sites or probable Contaminated sites	Nil.

**b. Identification of gaps and action plan:**

S. No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Regulation of industries and facilities generating Hazardous Waste	As of now 79 nos. of industries are identified which are generating HW.	All the 79 industries are authorized by SPCB. All the industries follow a system of safe disposal as per the prevailing rules. Annual inspection and monitoring has been done in the industries by PCBA where HW has been generated.	PCBA	Continuous Process.

District Environment Plan, Sivasagar

2.	Establishment of collection centres	Amguri MB- No separate collection centre is available.	As of now there is no any provision for collection of HW.	Amguri MB	NA
		Demow MB- No separate collection centre is available.	As of now there is no any provision for collection of HW.	Demow MB	NA
		Nazira MB- No separate collection centre is available.	As of now there is no any provision for collection of HW.	Nazira MB	NA
		Simaluguri MB- No separate collection centre is available.	As of now there is no any provision for collection of HW.	Simaluguri MB	NA
		Sivasagar MB No separate collection centre is available.	As of now there is no any provision for collection of HW.	Sivasagar MB	NA
3.	Training of workers involved in handling/recycling/disposal of HW	ONGCL is one of the major generators of HW in Sivasagar District.	Though the Department of Industries does not provide training on HW handling, Industries that generate HW train their workers on safety aspects according to established regulations.	District Industries and Commerce	ONGCL is one of the major generators of HW in Sivasagar District.
4.	Availability/Linkage with common TSDF or disposal facility	Since there is no TSDF facility available in the District therefore the industries itself manages there HW by storing captively.	During inspection and monitoring evaluation has been made for captive disposal facilities and all the industries in the District itself manage their HW by storing in the captive disposal facilities.	PCBA	Continuous Process.
5.	Contaminated Sites	As of now there are no any contaminated sites in the District.	Appropriate action will be taken as per the prevailing guidelines if any contaminated site identified.	PCBA	

**(vi) E-Waste Management****a. Current Status related to E-Waste Management**

<b>Details of Data Requirement</b>	<b>Present Status</b>
Inventory of E-Waste in MT/year	Amguri MB- NA
	Demow MB- NA
	Nazira MB- NA
	Simaluguri MB-NA
	Sivasagar MB-NA
Collection centers established by ULBs in the District	Amguri MB- 0
	Demow MB- 0
	Nazira MB- 0
	Simaluguri MB-0
	Sivasagar MB-NA
Collection centers established by Producers or their PROs	Amguri MB: No bulk e-waste producer is available under Amguri jurisdiction.
	Demow MB: 0
	Nazira MB: 0
	Simaluguri MB-0
	Sivasagar MB-NA
No authorized E-Waste recyclers /Dismantler	Amguri MB- 0 Nos.
	Demow MB: 0
	Nazira MB:0
	Simaluguri MB-0
	Sivasagar MB-NA

**b. Identification of gaps and action plan:**

<b>S. No.</b>	<b>Action points</b>	<b>Gaps in implementation</b>	<b>Action Plan</b>	<b>Responsible agency</b>	<b>Timeline for completion of action plan</b>
1	Inventory / Generation of E-Waste / Bulk-waste generators	As of now there are no any major bulk e-waste generators in the District. However awareness is made from time to time among the bulk consumer of electronic goods.	Necessary communications regarding e waste generation and disposal has been made with the bulk consumers of electronic items such as industries, banks, Educational institutions etc.	PCBA	Continuous process

District Environment Plan, Sivasagar

2	E-Waste collection points	Amguri MB- Not available	No Proposal taken yet as the production of e-waste is very minimal.	Amguri MB	NA
		Demow MB- Not available	No Proposal taken yet as the production of e-waste is very minimal.	Demow MB	NA
		Nazira MB- Not available	No Proposal taken yet as the production of e-waste is very minimal.	Nazira MB	NA
		Simaluguri MB- Not available	No Proposal taken yet as the production of e-waste is very minimal.	Simaluguri MB	NA
		Sivasagar MB- Not available	No Proposal taken yet as the production of e-waste is very minimal.	Sivasagar MB	NA
3	Linkage among Stakeholders to channelize E-Waste	Amguri MB- No major e-waste generators found in organized sector.	Appropriate action will be taken if any major e-waste generators are found.	Amguri MB	NA
		Demow MB No major e-waste generators found in organized sector.	Appropriate action will be taken if any major e-waste generators are found.	Demow MB	NA
		Nazira MB- No major e-waste generators found in organized sector.	Appropriate action will be taken if any major e-waste generators are found.	Nazira MB	NA
		Simaluguri MB- No major e-waste generators found in organized sector.	Appropriate action will be taken if any major e-waste generators are found.	Simaluguri MB	NA
		Sivasagar MB- No major e-waste generators found in organized sector.	Appropriate action will be taken if any major e-waste generators are found.	Sivasagar MB	NA
4	Regulation of Illegal E-Waste recycling /dismantling	As per report there are no illegal e-waste recyclers in the District.	Appropriate action will be taken as per law if any illegal e-waste recyclers identified in the District.	PCBA & District Administration.	On Going Process.
5	Integration of informal sector	There is no informal sector found as of now.	Integration will be done if such informal sector found. However awareness has been created among the bulk consumers from time to time regarding safe disposal of e-waste.	PCBA & District Administration.	On Going Process.

District Environment Plan, Sivasagar

6	Awareness and Education	Amguri MB: <ul style="list-style-type: none"> <li>Awareness created.</li> <li>Bye-law prepared.</li> </ul>	Action plan will be prepared based on significant generation of e-waste at ULB.	Amguri MB	On Going
		Demow MB: <ul style="list-style-type: none"> <li>Awareness created.</li> <li>Bye-law prepared.</li> </ul>	Action plan will be prepared based on significant generation of e-waste at ULB.	Demow MB	On Going
		Nazira MB- <ul style="list-style-type: none"> <li>Awareness created.</li> <li>Bye-law prepared.</li> </ul>	Action plan will be prepared based on significant generation of e-waste at ULB.	Nazira MB	On Going
		Simaluguri MB <ul style="list-style-type: none"> <li>Awareness created.</li> <li>Bye-law prepared.</li> </ul>	Action plan will be prepared based on significant generation of e-waste at ULB.	Simaluguri MB	On Going
		Sivasagar MB- <ul style="list-style-type: none"> <li>Awareness created.</li> <li>Bye-law prepared.</li> </ul>	Action plan will be prepared based on significant generation of e-waste at ULB.	Sivasagar MB	On Going

**Air Quality Management**

**a. Current Status related to Air Quality Management**

Details of Data Requirement	Present Status
Number of Automatic Air Quality monitoring stations in the district.	1 Nos. at Sivasagar Girls College Building operated by PCBA.
- Operated by Industry:	Nil.
Number of manual monitoring States operated by SPCBs	<b>Total 3Nos.</b> 1 at Office building of PCBA, Sivasagar; 1 at ONGCL guest House Sivasagar & 1 at GGS-2 Rudrasagar Oilfield)
Name of towns/cities which are failing to comply with national ambient air quality stations	Nil
No of air pollution industries	294 Nos.
Prominent air polluting sources	Stone Crusher: 101 Nos.; Brick Field: 47 Nos.; Coal Depots: 30 Nos. Tea Factory: 47 Nos.; ONGCL installations: 32 Nos.; Saw Mill-2 Nos.; Hot mix Plant: 3 Nos., Hotel & Hospitals having DG Sets: 20 Nos.; ONGCL Drill Sites: 12 Nos.

**b. Identification of gaps and action plan:**

S. No.	Action points	Indicative Action Plan	Responsible agency	Timeline for completion of action plan
1.	Identification of prominent air polluting sources?	As of now 294 nos. of air polluting industries identified in the District. Regular Monitoring is done for identifying more such air polluting industries. Under National Clean Air Program, necessary action has been taken on regular basis specially in the Sivasagar Town area.	PCBA	Ongoing Process
2.	Ambient Air quality data?	Air quality index is being measured through 1 no. of automatic air quality monitoring station and 3 nos. manual air quality monitoring stations in the District. The ambient air quality monitoring data is being updated at CPCB/SPCB , District Administration and also available for public.	PCBA	Continuous Process
3.	Setting up of Continuous Ambient Air Quality Monitoring Station	There is 1 no. CAAQMS in the District situated at Sivasagar Girls College Building and is operated by PCBA. There are 3 nos. of Manual Air Quality monitoring Stations in the District which are 1 at Office building of PCBA, Sivasagar; 1 at ONGCL guest House Sivasagar & 1 at GGS-2 Rudrasagar Oilfield)	PCBA	Continuous Process
4.	District Level Action Plan for Air Pollution	Action plan is being prepared as per the NCAP guidelines and District level Monitoring and Implementation Committee meeting of NCAP is convened at regular intervals. The stakeholder departments are also have to comply the guidelines of NCAP.		Already prepared for Sivasagar town under NCAP.



District Environment Plan, Sivasagar

5.	Hotspots of air pollution in District	<p>Around 294 nos. of industries are identified as hotspots of air pollution in the District which includes Cluster of Brick industries, Stone crusher, Tea Factory etc.</p> <p>Moreover open burning of municipality solid wastes, vehicular emissions, construction of roads , buildings etc. also create air pollution in the District.</p> <p>Regular inspection and monitoring has been carried out by PCBA to ensure proper implementation of the guidelines and rules of Air (Prevention and control of pollution) Act 1971.</p>	PCBA/ Municipal Boards/ District Transport Office/ PWD.	Continuous Process.
6.	Awareness on Air Quality	<p>Awareness campaign conducted time to time under NCAP.</p> <p>PCBA has their own grievance redressal system in their website.</p>	PCBA	Continuous Process.

**Water Quality Management**

**\* Water Quality Monitoring**

**a. Current Status related to Water Quality Management**

Details of Data Requirement	Present Status
Rivers	<p>Name of River and its length in Sivasagar District.</p> <p>a) Brahmaputra-48.80 Km b) Desang- 80 Km. c) Dikhow- 96 Km. d) Mitong- 48.20 Km. e) Jhanji- 28 Km. f) Darika- 49.60 Km. g) Demow- 35.00 Km. h) Namti- 10.00 Km. i) Namdang- 2.60 Km. j) Deroi- 16 Km.</p>
Length of Coastline(if any)	Nil.
Nalas /Drains/Creeks meeting Rivers	127 Nos.
Lakes/Ponds	<ul style="list-style-type: none"> <li>• There are 147 nos. of Beel/Fisheries in the District covering an area of 1356.28 ha. ;</li> <li>• Around 8475 nos. of Ponds/Lakes covering an area of 1226.35 ha.</li> <li>• Around 98 nos. of derelict water bodies/swamps covering an area of 6057.80 ha.</li> </ul>

District Environment Plan, Sivasagar

Total Quantity of sewage from towns and cities in District	5.4 MLD in Sivasagar Town.
Quantity of industrial wastewater	3.50 MLD
Percentage of untreated sewage	0.054%
Details of bore wells and number of permissions given for extraction of groundwater	<b>710 nos. bore wells in the District. No permission has been granted yet.</b>
Ground water polluted areas if any	PCB has tested for pollution in groundwater in 5 nos. area and no Ground Water polluted areas found in the District as reported by PCBA.
Polluted river stretches if any	There are 1 no. polluted river stretches under Sivasagar District. a) Dikhow River-6 Km. - monthly monitoring under NWMP is going on.

**b. Identification of gaps and action plan for water quality monitoring:**

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Inventory of water bodies	An environmental monitoring cell will be created with representatives from Water resource Department, PHE Department, PCBA, Irrigation, ULBs, Zila parishad. The Cell will maintain data of all water bodies including its water quality.	District Environmental Monitoring Cell.	12 months
2.	Quality of water bodies in the district	Monthly monitoring of Water bodies under NWMP by PCBA is done in the District on regular basis.	PCBA	Continuous Process
3.	Hotspots of water contamination	Monthly monitoring of Water bodies under NWMP is done and reports are being uploaded regularly in the PCBA websites.	PCBA	Continuous Process
4.	Protection of river /lake water front	Fine imposition on defaulters throwing garbage at river or lake and open defecation.	ULB	Continuous process
5.	Inventory of sources of water pollution	Inventory of all sewage and wastewater discharge points into water bodies found in the district is being prepared..	PCBA	3 Months

District Environment Plan, Sivasagar

6.	Oil spill disaster management (for coastal districts)	NA	NA	NA
7.	Protection of flood plains	Regulation for protection of Flood plains encroachment has been adopted in the District	Circle Offices	On going
8.	Rejuvenation of groundwater	The floor of drains is not concretized so as to rejuvenate ground water. In all building permissions issued by ULBs it is mandatory to have provisions for Rain Water Harvesting.	ULBs	Continuous process
9.	Complaints redressal system	PCBA has their own grievance redressal system where anybody can file complaints regarding pollution.	PCBA	Continuous process

## Domestic Sewage

### a. Identification of gaps and action plan for treatment of domestic sewage

Details of Data Requirement	Present Status
No of Class-II towns and above	1 No. (Sivasagar Town)
No of Class-I towns and above	Nil.
No of Towns STPs installed	Nil.
No of Towns needing STPs	NA
No of ULB shaving partial underground Sewerage network	Nil.
No of towns not having sewerage network	5 Nos.
Total Quantity of Sewage generated in District From Class II cities and above	5.4 MLD
Quantity of treated sewage flowing into Rivers(directly or indirectly)	Nil. Facility for construction of FSTP (Faecal Sewage treatment Plant) is under Process.
Quantity of untreated or partially treated sewage (directly or indirectly)	5.4 MLD
Quantity of sewage flowing into lakes	0 MLD
Total available Treatment Capacity	Nil.

**b. Identification of gaps and action plan for treatment of domestic sewage:**

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Sewage Treatment (STPs)	There are no STPs (Sewage Treatment Plant) available in the District. However Facility for construction of FSTP (Faecal Sewage treatment Plant) is under Process.	ULBs	36 Months.
2.	Underground sewerage network	There is no underground sewerage network in the District. At present there is no such proposal for constructing underground sewerage network.	ULBs	NA

**Industrial waste water management****a. Current Status related to Industrial Waste water Management**

Number of Red, Orange, Green and White industries in the District	80 Nos. of Red industries. 166 Nos. of Orange industries. 124 Nos. of Green industries. 0 Nos. of White industries.
No of Industries discharging Waste water	196 Nos.
Total Quantity of industrial waste water generated	3.50 MLD
Quantity of treated industrial wastewater discharged into Nalas/ Rivers	3.00 MLD
Common Effluent Treatment Facilities	Nil.
No of Industries meeting Standards	194 Nos.
No of Industries not meeting discharge Standards	2 Nos.

**b. Identification of gaps and action plan for industrial waste water:**

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline For completion of action plan
1.	Compliance to discharge norms by Industries	There are 2 nos of industries not meeting the discharge norms by industries and closure of those industries done by PCBA. Directions have been served from time to time for those industries not meeting the discharge norms.	PCBA	On going/continuous
2.	Complaint redressal system	PCBA has their own grievance redressal system where anybody can file complaints regarding pollution.	PCBA	Continuous Process.

**Mining Activity Management plan****a. Current Status related to Mining Activity Management**

Details of Data Requirement	Existing Mining operations
Type of Mining Activity	Stone Mining List at Annexure A-I Sand Mining List at Annexure A-II
No of licensed Mining operations In the District	8 Nos.
% Area covered under mining in the District	0.0283%
Area of Sand Mining	0.1885 Sq Km
Area of sand Mining	Riverbed

**b. Identification of gaps and action plan:**

<b>S. No.</b>	<b>Action points</b>	<b>Gaps and Action Plan</b>	<b>Responsible agency</b>	<b>Timeline for completion of action plan</b>
1.	Monitoring of Mining activity	For proper implementation of Assam Minor Mineral Concession Rule 2013, a protection squad was constituted vide O.O. No. 347 dated 23-09-2021	Forest Department and District Revenue Authority.	in Progress
2.	Inventory of illegal mining if any mining	1. Round the clock patrolling has been carried out in minor mineral areas to prevent illegalities in mining areas and actions are being taken against illegal mining and offences booked under Sec 64 (i) & (ii) of Assam Minor Mineral Concession Rule 2013. 2. To check the illegal extraction and transportation of minor mineral a Mines & Mineral Task force consisting Forest Staff and AFPF personnel has been constituted under Sivasagar Territorial Forest Division.		in Progress
3.	Environment compliance by Mining industry	Verification by SEIAC is done as and when required.	SEIAA/ PCBA	Continuous Process.

District Environment Plan, Sivasagar  
**Noise Pollution Management plan**

**a. Current Status related to Noise Pollution Management**

Details of Data Requirement	Measurable Outcome
No. of noise measuring devices available with various agencies in district	PCBA, RLO Sivasagar is having 3 nos. of Noise measuring device.

**b. Identification of gaps and action plan:**

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Availability of Sound/Noise Level Meters.	PCBA, RLO Sivasagar is having 3 nos. of Noise measuring device.	PCBA	On Going
2.	Ambient Noise Level monitoring.	There is no any fixed ambient noise level monitoring stations in the District. However there are mobile noise level monitoring instruments available with the PCBA and noise level monitored in the district during the festival times such as Diwali, Shivaratri, Durga Puja etc.	PCBA	As per requirement
3.	Signboards in Noise zones	There is no any no horn zone/ silent zone identified in the District.	District Administration	
4.	Complaint redressing system	PCBA has their own grievance redressal system where anybody can file complaints regarding pollution.	PCBA	Continuous Process.

\*\*\*