	Dute.
S TO THE THE STATE OF THE STATE	
11:	
a. Land cleaning	activity
The Cartes of	
	Indicet Impacts
Diet Impacts	
1. Compaction of soil due to	1. Modification of water table
1. Lempace.	-
Leavy equipments used for	below soil.
chaune.	1 11 11 11 1 1 1 1 procluetto
Destruction of site specific	2. Disappeaune of reproduction
	and food zones for migratory
flora and fauna.	
,	birds, animals.
- Id Correct	3. Incuare is poaching
3. Disturbance to wild lives or	
Lumans living nearby.	activity.
Minney J	
	1 - Acitivity
b. Road Constitu	ction scitivity.
	Induct Impacts
Direct Impacts	That the same of t
- to lowe	1. Infuence the water table
1. Modification of water course	and a amad
during construction and after	undergonind.
institution.	hobulation.
	2. muare in population.
. Destruction of vegetation.	3. Incuare in pollution due to
Lou of topsoil	incicace in human settleme
	incitate in milman strains

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and for the establishments of Boards at the Central and State levels with a view to carrying out the aforesaid purposes. It even exposers the state government after concutation with SPCB's To dulare any area or areas within the state as air pourton control

The various steps involved in adopting EIA as a planning tool for 'Road Construction Project' are briefly explained below.

1. Defining the Project

: It is the submission of the pretiminary information of the project. It's nature, location and impacts are briefly discussed The existing and regulations migad construction are reviewed along with the regulating aumorities.

2. Environmental successing

: EIA process starts before the start of the project. Once a developer has identified a need and agenced possible alkinatives of project design to select a prefused askinative, questions such as What will be In effect of Koad Development on the Constromment?' See more effect significent? should be assured Hit is ages, EIA west be carried not. This process is called

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to provide a conclusion

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- Make

Su) Mo) (Tu) We) (Th) (F) (Sa)	Date:
12: Decision	
-: I decuir in to approve or reject a project	andis generali
- and an him all the alleger with	of the car
of personal from the concerned mines by	not been amounte
wim me ElAdure its puparation	
13. Suditing	
- This follows unitoring and involves compairing	ng actual outrome
wim predicted outcomes, and can be used to assess !	ne quality of
predictione and effectiveness of mitigation.	
	Λ.
	\.

u:	
The inportant surface we	ater contract
briefly discussed below:	ater confaminants and their impacts are
Surface water contamin	ants de t
1. Heavy Metale	
J	They are unally added to wastewas
	from communial and industrial
	activities and may have to be
	serioued if the wastewater isto
	be secued.
Surpended soils.	They can lead to development of
	portudege diposite and anaerobic
	conditions when untreated and
	mu affects me agustic environment
· Patriogene	The patrogenie organisme transmit
	communicable diseasce
· Repactory organice.	These are surfailants, phenols, agricultur
	ferrides etc. They knd to suist me
	conventinal methods of wantewater
	tratment.
Nuticents	Nihogen, Phosphorous and carbon are
	essential sutwents for growth and if
	discharged can lead to underirable
	agustic life

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Su Mo Tu We Th Fr So Date:
9.6
a) .
snewer: Some of me criterias to adopt while relecting Ela
- remodologies are as follows:
i) General Criteria
ii) Impact Adentification
iii) Impact measurement
iv) Impact Interputation and Evaluation
v) Impact Communication
Snewer:
Overlay method is one of the important methodogies for assuring impacts of disclopment activities by puparing transparent maps repleciating spatial distribution of environment characteristic number water, fourt, settlements etc and overlaid to produce a composite map which helps to characteriste assa's physical, social and ecological and other selevant characteristics for validating the assessment.
Nowaday, (715 is being used as layered overlay kehrique. The computer model can stone data relating to the characteristics of surranding area as well as proposed development, enabling the Introductor of impact weighting into accument that helps us to indicate pomble implications of our deciment

The complex mathematical aper	ations can be performed by
computer involving many me num	being variables which was
subsited to 10 in conventional	uchodi
The satellete images of required	parameter can for the Dom
Construction can be taken of fle	
be men overlayed to mate a	
potential impact for the given re	
7	
9.7	
Iniwe.	
A TOPE S	
The witigation wearner for us	ain and anthurting beint an
The utigation meanine for mo	
soil and grand water environment	ac a jouous-
.f.:1	2
	Grand water
1. Adoption of onsite stabilization	1. six spanging vaccum extraction,
technique which will remove	pump anotheat methods is
the ability of populants to	effective in a range of
nove offite	contaminante from grundwater.
1. linearly contamination for	2. Developing alternative to
Afrite diposal which is	avoid interference of
commonly adopted method, however	shallow acquifus and
that will serult in	springe
transport of hazardous material	1 1
1	

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0000	
9.8	
The various steps to be for	lowed for a systematic approars
The study of production	y di
activity on the air environment	
in Colution and Identification	of sources and quantity of
_ pollulant concusion quipeun	achine
-> In my step, we examine what	types of air pollutante au
likely to be enitted during the	constituen perchand phase
- of the proposed activity and their of	uanhhes.
For example, during combustion active	thy the air pollutants are
11) Detailed evaluation of existing	ambient air quality, meteorologic
conditions and natural air quality	existing in the projectacia
- In this step, the general atmosp	heric conditions will provide a
fundamental understanding of almost	heir transport. The base
moment has t	obe discussed on various
systematic approaches.	
	a tol mulanyanish .
us to know more about my disposition	dishercia cardinas lilla
us to know more about the dispersion Co	bank of the
	ine area

Su Ma To We Th Fr Sa	Date:
iil Examination of appropulate la	ws and regulations, or within
polulant emission standards.	
- suording to air quality st	nent agencies, we have to decide
between alternative actions o	in anewy meneral for
_mitigation meanue for a give	
dine ais pollution to major ha	zard, we have to follow appropriate
laus or measures to keep our emis	ton from automatical and the second
iv) carrying out the impact of	menment of project activities using
man balance, mathematical	models or qualification prediction.
- neu, using me available mats	rematical models, we get the
- fudictions of concentrations an	dekposition rates to determine
the pokential for recordary and	
v) summent of significance of	anticipated beneficial and

_detrimental impart

-> Hue, we evaluate the anticipated changes related to me proposed project and this should be conducted mingh

public meetings / public participation programmeter.

vi) sphopuate rutigation/semedial plans for reducing
advesse_inipacts
- Last but not the least me remedies/mitigation meanues_
for reducing me adverce impacts are involved mat can e
used to minimize the magnitude of the air quality impacts.

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