

#### **Ambuja Cement**

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REGD. A/D

#### ACL/EMD/F-16/2022/2517

26.05.2022

The Director,
Ministry of Environment, Forest and Climate Change (MoEF&CC),
Regional Office, Western Region,
"Kendriya Paryavaran Bhavan"

Link Road No.3, Ravi Shankar Nagar, Bhopal – 462016 (M.P.)

Sub.: Half yearly Compliance Status Report of Environmental Clearance of Lodhva Limestone Mines.

Ref.: Environmental Clearance Order No. J-11015/446/2013-IA-II (M) dated 26.05.16

Sir,

We are pleased to submit herewith half yearly compliance status report (i.e. for the period of (October'2021 to March'2022) of Environmental Clearance Order No. J-11015/446/2013-IA-II (M) granted by MoEFCC to Lodhva Limestone Mining Project of Ambuja Cements Ltd., located at village - Lodhva, Taluka - Sutrapada, District — Gir Somnath (Gujarat).

This is for your information and record please.

Thanking you,

Yours faithfully,

For Ambuja Cements Ltd.

າງ<sup>2</sup>Devendra Singh Chauhan Head-Environment

Encl.: As above.

#### Copy to:

- The Central Pollution Control Board (CPCB), Privesh Bhavan, Atmajyoti Ashram Rd, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara – 390023 (Gujarat).
- 2) The Member Secretary, Gujarat Pollution Control Board (GPCB), Paryavaran Bhavan, Sector-10-A, Gandhinagar-382010.
- 3) The Regional Officer, Gujarat Pollution Control Board (GPCB), Opp. Saint Anne's Church Station Road, Junagadh.

#### MONITORING THE IMPLEMENTATION OF ENVIRONMENTAL SAFEGUARDS

Ministry of Environment & Forests Regional Office (W), Bhopal Monitoring Report Part-I

#### **DATA SHEET**

		DA	- T W LOFE TOWN IN P
01	Project type:	:	Mining Open Cast (Limestone)
	River valley/ Mining/Industry/ Thermal/		
	Nuclear/ other specify		
02	Name of the project	:	Lodhva Limestone Mining Project
03	Clearance letter(s) / OM no. and date	:	J-11015/446/2013-IA.II (M), Dated 26.05.2016
0,4	Location	:	
	a) District(s)	:	Gir Somnath
	b) State(s)	:	Gujarat
	c) Latitude	:	20°56' - 20°58' N
	d) Longitude	:	70° 31' – 70° 34' E
05	Address for correspondence	:	W .
	a) Address of concerned Project Chief	:	Sh. Devendra Singh Chauhan
	Engineer (with pin code & telephone /		Head (Environment)
	telex / fax numbers).		Ambuja Cements Ltd.
			PO Ambujanagar, Taluka : Kodinar, Pin- 362715
		İ	District: Gir Somnath (Gujarat).
			Tel: 02795-221137/232009/237403 Fax: 02795-220328/232032
	b) Address of Executive Project Engineer /	:	Sh. Jitendra Kumar Kumawat
	Manager (with pincode / fax numbers.		Manager (Mines) , Ambuja Cements Ltd.
			PO Ambujanagar, Taluka - Kodinar, Pin- 362715
			District: Gir Somnath (Gujarat).
			Tel: 02795-232064 Fax: 02795 - 220328/232032
06	Salient features		
	a) of the project:	:	,
			manufacturing plant at Ambujanagar in Kodinar Taluka of Gi
			Somnath District. Limestone is the main raw materials for
			the cement plants, which is being exploited from company's
			own captive mines i.e. Lodhava Limestone Mine.
			Lodhva is located at a distance of about 25 kms in NW
			direction with respect to cement plant. The rated capacity
		_	of the limestone at present is 1.50 MTPA.
	b) of the environmental	:	Mining operations would not involve drilling & blasting.
	management plans		Limestone excavation is being carried out by environment friendly Surface Miner supported by ripper
			dozer.
			dozei.
- 1			Regular monitoring of environmental parameters is
			undertaken as per the norms of MoEF and IBM and same will be followed.  Preventive maintenance of deployed HEMM is being
			undertaken as per the norms of MoEF and IBM and same will be followed.  Preventive maintenance of deployed HEMM is being undertaken regularly and same will be continued.
			undertaken as per the norms of MoEF and IBM and same will be followed.  Preventive maintenance of deployed HEMM is being undertaken regularly and same will be continued.  Dust suppression by water sprinkling on haul roads is
			undertaken as per the norms of MoEF and IBM and same will be followed.  Preventive maintenance of deployed HEMM is being undertaken regularly and same will be continued.  Dust suppression by water sprinkling on haul roads is being done regularly in working area and same will be
			undertaken as per the norms of MoEF and IBM and same will be followed.  Preventive maintenance of deployed HEMM is being undertaken regularly and same will be continued.  Dust suppression by water sprinkling on haul roads is being done regularly in working area and same will be continued.
			undertaken as per the norms of MoEF and IBM and same will be followed.  Preventive maintenance of deployed HEMM is being undertaken regularly and same will be continued.  Dust suppression by water sprinkling on haul roads is being done regularly in working area and same will be





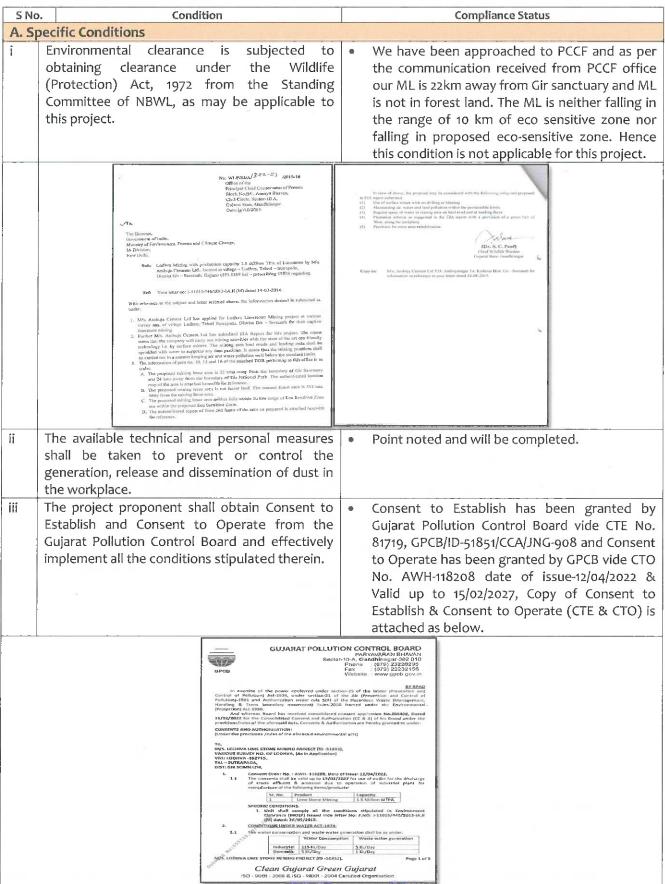
Page 1 of 3

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		lling units only agricultura										
		dwelling units & agricul	tural la	nd 8	×							
		less laborers/ artisan.										
	ã	a) SC, ST / Adivasis			:	Not applicable						
		b) Others			:	Not applicable						
1		(Please indicate whether										
		based on any scientific ar ey carried out or only provision										
		rvey is carried out give deta	_									
	surve	-										
	Finan	cial details			:	Project Cost: Rs. 2	200 La	khs				
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- 1	-	roject cost as originally				supplement the re			-			
- 1		equent revised estimates an reference.	u tile ye	ai U	,	captive mine for t	he Cer	nent Pla	int, no se	parate	e projec	ct costi
ľ	price	reference.				was prepared.						
	b)	Allocation made for e	nvironm	enta	ı :	Capital investme	nt for	enviror	ment pr	otecti	on mea	sures
									interic pr	· · · · · ·		1501 65
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10	Forest land requirement.	<b>:</b>	
	a) The status of approval for diversion of	:	The project area does not comprise of any forest land.
	forest land for non-forestry use		Not applicable
	b) The status of clearing felling	:	Not applicable.
	c) The status of compensatory afforestation	:	Not applicable.
	(CA), if any		
	d) Comments on the viability & sustainability	;	Not applicable.
	of CA (compensatory afforestation)		
	programme in the light of actual field		
	experience so far.		
11	The status of clear felling in non-forest areas	:	The project does not involve felling of trees.
	(such as submergence area or reservoir,		
	approach roads), if any with quantitative		
	information required.	L	
12	Status of construction (Actual & or planned)		
	a) Date of commencement (Actual and / or	:	01.03.2017
	planned)		
	b) Date of completion (Actual and / or	;	Not applicable.
	planned).		As it is an ongoing captive mining Project for cement plant.
			(Mines life is approximate 8 to 10 years based on reserves)
13	Reasons for the delay if the project is yet to	:	Not applicable.
	start.		
14	Dates of site visits	:	
	a) The dates on which the project was	:	-
	monitored by the Regional Office on		
	previous occasions, if any.		# #
	b) Date of site visit for this monitoring	:	-
	report		9
15	Details of correspondence with project	:	Half yearly compliance status report is being regularly
	authorities for obtaining action plans /	1	submitted and last submission was on 06.11.2021 vide letter
	information on status of compliance to		No . ACL/EMD/F-16/2021/2412/89669
	safeguards other than the routine letters for		
	logistic support for site visits).		

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iv	Environmental clearance is subjected to final order of the Hon'ble Supreme Court of India in the matter	•	The ML is 22 km away from boundry Gir Sanctuary hence not falling within 10 km
	of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004, as may be applicable to this project.		zone from sanctuary. Hence condition is not applicable for this project. No Drilling operation will be carried out during mining activity.
V	Wet drilling operation will be practiced to control dust.	•	There is no drilling and blasting operation. Mining will be done using eco-friendly, blast free Surface Miner Machine.
vi	A buffer zone of 50m (green belt) on either side of the pond/nalla located near mine lease area or passing through lease should be developed for protection of the pond/nallah/stream.	•	Point noted and shall be complied.
vii	No mining activities will be allowed in forest area, if any, for which the Forest Clearance is not available.	•	No forest land is within the Mine Lease area. Thus this condition is not applicable to us.
viii	The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table.	•	Mining operation will be done in such a way that it should not intersect the ground water table and mining operation will be restricted to above ground water table.
ix	The loose solids should be kept separately from flowing water and flow of effluents to nearby areas outside the leasehold shall be prevented. These paved drains along with arrangements for Over Burden Dumps and their drainage may be clearly depicted on a contoured map of the mining area.	•	Point noted. The Loose solids shall be kept separately from flowing water and flow of effluents to nearby areas outside the leasehold shall be prevented. Over Burden Dumps and their drainage will be clearly depicted on a contoured map of the mining area when it will be generated.
х	The project proponent shall ensure that no natural watercourse and/or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the 1 <sup>st</sup> and 2 <sup>nd</sup> order streams, emanating or passing through the mine lease during the course of mining operation.	•	Natural water course will be not be obstructed by mining activity at any stage.
хі	The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.	•	A very thin layer of top soil is available. Generated top soil is being stacked separately and systematically in the earmarked site with appropriate measures. Road side bunds are made from poor grade material. Top soil is used for land reclamation plantation and greenbelt development.
xii	Appropriate safeguard measures shall be taken to ensure stability and drainage of dump so that no solid waste/debris flows into the nallah.	٠	Point Noted and will be implemented.
xiii	The over burden (OB) generated during the mining operation shall be stacked at earmarked dump site(s) only and it should not be kept active for a	•	Point Noted and all components of this condition shall be followed and Compliance status shall be submitted to the MoEF&CC,
	long period of time and their phase-wise stabilization shall be carried out. Proper terracing of OB dump(s) shall be carried out so that the overall		Bhopal on six monthly basis. Last submission was on dated 06.11.2021 vide letter no. ACL/EMD/F-16/2021/2412/89669.

	dump(s) shall be suitable native spectourface run off. In crishall be undertaken for Monitoring and manashould continue until sustaining. Compliance to the Ministry of Environment	ceed 28°. The over be scientifically vegetated lies to prevent erosion tical areas, use of geo to for stabilization of the digement of rehabilitated the vegetation become se status should be subrational Office, Bhopal of the status of the status of the status of the subrational Office, Bhopal of the status of the status of the subrational Office, Bhopal of the scientification of the status o	with a and extiles umps. areas s self-nitted limate			
xiv	Catch drains and siltar shall be constructed for and mineral dum sediment directly into water bodies. The water bodies watering belt development of	tion ponds of appropriation the working pit, tempore to arrest flow of slip the adjoining River and water so collected shout the mine area, roads, etc. The drains shoul rticularly after the more arly.	oorary it and other ild be green d be	•	condition sha status shall l	and all components of this all be followed and Compliance be submitted to the MoEFCC, monthly basis.
xv	dumps(s) and the OE	ining wall at the toe of tl 3 benches within the mi ation should be based o	ine to	•	wall at the to OB benches v	and Dimension of the retaining oe of the OB dumps(s) and the within the mine to check run-off shall be based on the rain fall
xvi	including a 7.5 m wide around the mining le roads, etc. by plan consultation with Department. In addit raised in the backfil	raised in the specified green belt in the safety ease, OB dump(s), alon ting the native specient the local DFO/Agricular, plantation shall also led and reclaimed area he density of the tress sper ha.	zone g the es in ulture so be a and	•	March'2022) if plantation till Remaining and plantation as Details of green as under: In addition, p the backfilled around water	one From during 2021-2022 (Till is 300. Total Cumulative I March'2022 is 300 Nos. ea will also be covered under a per approved mining plan. enbelt/reclamation are enclosed elantation shall also be raised in ed and reclaimed area and body. The density of the tress and 2500 plants per ha
		Greenbelt 8	k Planta	tior		
	Total Lease Area (in ha) 505.6839	Opened up Area (in Ha) 5.1903	Pla	20	tion From 21-22 300	Pasture land (in Ha) 0.00
xvii	water sprinkling shall prone to air pollutio particulate matter su screening plant, loadin transfer points. Extendarried out on haul rotthe Ambient Air Quali	measures, such as rebe carried out in critical nand having high leveloch as around crushing and unloading point as sive water sprinkling shads. It should be ensured by parameters conform the Central Pollution Control	areas els of g and all all be d that to the	•	Regular wat tanker is in p on haul road Ambient air maintained	er sprinkling through water cractice at mine lease area and ds to control air borne dust. quality parameters are being within norms prescribed by the is Attached in Point No.







#### Regular water sprinkling is being done on haul roads

- xviii Regular monitoring of water quality upstream and downstream of perennial nallahs falling in the impact zone shall be carried out and record of monitoring data should be maintained and submitted to Ministry of Environment, Forest and Climate Change, its Regional Office, Bhopal, Central Groundwater Authority, Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board.
- Regular monitoring of water quality upstream and downstream of perennial nallahs falling in the impact zone shall be carried out and record of monitoring data shall be maintained and submitted to Ministry of Environment, Forest and Climate Change, its Regional Office, Bhopal, Central Groundwater Authority, Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board.
- Appropriate measures shall be taken for treatment of the upper catchment of the mine lease area.
- Point Noted
- The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.
- Suitable conservation measures shall be implemented to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.
- Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year- pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment, Forest and Climate Change and its Regional Office Bhopal, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If any stage, it is observed that the groundwater table is getting depleted due to the
- Complied.
- Water quality testing is carried out with the help of MoEF&CC certified third party laboratory as per prescribed schedule. Water levels are being recorded in 10 open wells of buffer zone and 2 piezometers are constructed in mines area core zone.
- Data collected is being communicated regularly to CGWA, New Delhi, MoEF&CC Regional office (SEZ) Bhopal, CGWB Regional Director Gandhinagar.
- Ground water level & quality monitoring is being done regularly by establishing a network of ground water monitoring stations. Report is submitted to MoEF&CC regional office Bhopal, CGWA, CGWB and GPCB on yearly basis.
- The project proponent shall obtain necessary prior permission of the competent authorities for drawl

mining activity, necessary corrective measures shall

be carried out.

No withdrawal of ground water is being done.
Water requirement for drinking is being met

of requisite quantity of water, required for the from private purchase. Whereas water requirement for dust suppression project. greenbelt development is being met from harvested rain water in mined out pit. NOC has been granted vide letter No. CGWA/NOC/MIN/ORIG/2021/12562 dtd. 13.08.2021 from CGWA, New Delhi for abstraction of ground water a tune of 120 m³/day. Proprett, dul medar pails, if prant wire fron the potation duc-pot entype) in VAR, accorded intended to facility premietes (values as ered to TCC 3 to disorbit district with all the entity with in the implicit with the second of the contract of 22 Second Step Assess Suitable rainwater harvesting measures on long Suitable rainwater harvesting measures on term basis shall be planned and implemented in long term basis has already been planned consultation with the Regional Director, Central and executed by ACF, Ambujanagar. Our Ground Water board. Initiative was witnessed and appreciated by Shri Saurav Gupta, Regional Director, CGWB during his visit of Ambujanagar. xxiv Appropriate mitigative measures should be taken These rivers are far off from the project to prevent pollution of nearby River in consultation area, State Pollution Control Board will be with the State Pollution Control Board. consulted, if required. Vehicular emissions shall be kept under control and Vehicular emissions are being checked & regularly monitored. Measures shall be taken for monitored regularly. Detail of P.U.C maintenance of vehicles used in mining operations certificate (Approved by : Gujarat Motor and in transportation of mineral. The mineral Vehicle Department, Gujarat) is enclosed as transportation shall be carried out through the under: covered trucks only and the vehicles carrying the mineral shall not be overloaded.





		•	All vehicles used for transportation of raw materials are being covered properly & Not Over loaded.
xxvi	Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.	•	Blast free fully mechanized Surface Miner machine is being used for mining.
xxvii	Drills shall either be operated with dust extractors		Fully mechanized Surface Miner machine will
	or equipped with water injection system.	, val.	be equipped with water injection system.





Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.

XXIX Sewage treatment plant shall be installed for the

 There is no mineral handling plant at Mine site. Mineral extracted is being transported to cement plant by tippers/truck tipplers, which is being covered with suitable covering mechanism for prevention of fugitive emission.

Sewage treatment plant shall be installed for the colony. ETP shall also be provided for the workshop and wastewater generated during the mining operation.

Sewage treatment plant has already been installed & operational at Ambujanagar. No additional colony has been developed at project site. Oil & Grease Trap for workshop of waste water will be provided. Waste water analysis report as under:





VI	de Moer&CC Letter No : J-11015/446/20	T2-	A.II (IVI) dated 26th IVIay, 2016
xxx	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.	•	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records shall be maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
xxxi	Regular monitoring of free silica in the dust will be carried out and records maintained. It shall be ensured that the levels of silica do not exceed the prescribed limit. The workers will be provided with personal protective measures to guard against inhaling silica dust.	•	Regular monitoring of free silica in the dust will be carried out and records shall be maintained.  Dust Masks, Safety Shoes, Safety Goggles & Helmet will be provided to each & every personnel working in the mine area. Periodic Health Checkup will be done for personnel working in the mine area.  Free silica dust Monitoring is carried out
			regularly on monthly basis, monitoring results are enclosed as under:  Environment Auditing & Consultancy Service  100.00 0.00 0.00 0.00 0.00 0.00 0.00 0
			1. Name of Unit I Leddow Linestone Misses, (Unit of Ambuga Cements Limited). P.O. Analogings 1 - 362 75. 12. Type of Unit. Clarisation Misses 3. Activity: HEMM Operation 4. Type of Sample: Personnel Data Manifesting of HEMM Operators 5. Sample Calested by . Mr. Harnhof Operator 6. Sample Calested by . Mr. Harnhof Operator 7. Time of Manifesting: (If September 102) 7. Time of Manifesting: (If September 102) 7. Time of Manifesting: (If September 102) 8. Leasting / Operator 10. Leasti
			Author Sph.
xxxii	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.		All the operators and competent person will be resided in our existing colony at Ambujanagar, Kodinar.
xxxii i	The project proponent should take all precautionary measures during mining operation for conservation and protection of endangered flora as well as endangered fauna. Action plan for conservation of flora and fauna shall be prepared and implemented in consultation with the State Forest and Wildlife Department. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so	•	Conservation & Management plan of schedule 1 species has been prepared and authenticated by Chief Wild Life Warden, Gandhinagar. Copy of action plan has submitted to Regional Office, MoEF & CC Bhopal.



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	Month	PM2.5	PM10	orth Bound 502	lary MOx	C0	PM2.5	PM10	SO2	dary NOx	CO	PM2.5	PM10	Vest Bound SO2	ary MOx	CO	PM2.5	PM10	sth Bounda	NOx	CO
	Unit >	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)		{µg/m3}	(µg/m3)		(µg/m3)	(mg/m3)	(pg/m3)	(Em/gq)	{µg/m3}	(µg/m3)	(mg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(µg/m3)	(mg/m3
	Oct-21	-	46.50	13.20	15.20	BDL	22.90	47.30	12.60	16.70	BDL	26.40	45.90	11.70	14.50	BDL	27.80	48.50	10.80	13.20	BDL
	Nov-21	26.10	46.50 41.20	13.60 15.70	12.60 17.60	BDL	25.80 27.50	43.50 42.80	10.50	13.80 18.90	BDL	23.40	42.80	12.80 16.90	14.50 12.30	BDL	25.60 22.36	45.90 43.60	13.10 8.70	11.20	BDL BDL
	NOV-Z1	31.60	41.30	15.30	10.40	BDL	30.80	38.60	12.70	16.80	BDL	29.70	39,60	14.80	17.40	BOL	30.50	40,30	16.40	10.30	BOL
	Dec-21		45.30	12.40	12.40	BDL	28.90	40.60	13.80	13.50	BOL	27.60	46.30	14.60	16.40	BDL	28.90	43.60	10.30	18.70	BDL
		30,10	42.30	12.90	16.70	BOL	28.90	45.70	13.80	12.80	BOL	29.70	46.80	10.20	13.90	BDL	35.40	30.40	9.80	14.80	BDL
	Jan-22		42.50	19.40	21,30	BDL	30.90	36.80	22.40	22.70	BDL	26.70	39.40	23.60	23.00	BDL	28.40	41.20	20.10	18.40	BDL
	Feb-22	30.60	40.10 45.90	13.20	19.40 20.60	BDL	31.60 31.50	38.90 46.80	12.50 16.40	21.20 17.60	BDL	32.70 32.60	36.40 47.50	14.00	22.50 18,70	BDL BDL	26.50 28.70	42.10 42.30	15.20 15.30	23.00 14.60	BDL BDL
	reu-22	28.70	41.60	12.10	20.60	BDL	27.60	42.50	13.60	18.70	BDL	26.50	45.80	14.60	14.60	BDL	30,10	40.60	18.70	13.50	BDL
	Mar-22		40.60	1.60	10.60	BDL	30.60	45.80	12.50	12.50	BDL	32,80	42.60	13.80	13.90	BDL	34.60	41.90	14.60	14.80	BDL
l		30.60	40.60	10.60	18.70	BDL	31.50	42.60	12.50	14.60	BDL	32,80	39.70	17.60	15.80	BDL	37.90	40.80	14,50	19.40	BDL
	Month	PM2.5	PM10	Khera villa SO2	110x	CO	PM2.5	PNIO	Moradiya vil SO2	NOx	CO	PM2.5	PM10	odhva Villa SO2	HOx	CO	PM2.5	PM10	hordi Villag 502	NOx	CO
	Unit > Oct-21	30.60	(µg/m3) 48.70	(µg/m3) 14.60	(ug/m3) 13.60	(mg/m3) BDL	(µg/m3) 28.90	50.30	(µg/m3) 10.80	(µg/m3) 15.40	(mg/m3) BDL	(µg/m3) 25.60	49.20	(pg/m3) 11.30	(µg/m3) 14.30	(mg/m3) BDL	(µg/m3) 27.40	(pg/m3) 46.60	(pg/m3) 12.40		(mg/m3) BDL
		24.10	46.20	11.50	14.80	BDL	26.50	41.80	12.70	13.40	BDL	23.90	44.90	13.20	12.00	BDL	24.80	43.50	10.80	13.20	BDL
	Nov-21	25.70	42.90	16.80	10.30	BDL	23.40	45.60	12.70	14.20	BDL	20.90	41.70	9.10	12.20	BDŁ	22.50	40.90	14.50	10.80	8DL
	ļ	29.70	41.90	10.20	12.80	BDL	33.40	37.40	9.10	10.30	BDL	28.50	36.90	12.20	9.80	BDL	29.20	39.30	15.60	8.40	BDL
	Dec-21	24.60 24.20	39.80 39.70	9.80 15.70	13.20 13.60	BDL BDL	30.10 22.40	38.70 35.10	10.60 16.80	10.90 17.90	BOL	31.60 30.70	35.40 32.80	12.40 12.80	12.40	BDL	35.40 36.80	32.50 46.70	13.80 16.70	14.80	BDL
10	Jan-22	25.00	36.80	18,60	19.30	BDL	31.30	35.90	16.70	21.00	BOL	30.80	41.50	18.20		BDĹ	26.70	43.00	19.00	17.40	BDL
		25.90	43,50	13.00	18.70	BDL	28.40		14.80	16.40	BDL	27.40	41.20	15.30	19.30	BDL	32.20	40.00	11.40	16.50	BDL
	Feb-22		41.60	19.80	12.50	BDL	29.80	30.90	10.60	15.40	BÐL	27.40	36.80	14.30		BDL	30.90	43.10	12.80	10.90	BĐL
		32.90	39.80	14.60	15.80	BDL	30.40	30.40	10.90	10.90	BDL	36.80	40.70	9.70	9.70	BDL	27.60	32.80	15.40	14.60	BDL
	Mar-22	32.60 34.60	35.90 45.80	14.60 14.60	11.70	BDL BDL	35.80 28.70	30.70 40.60	13.60	10.80 13.90	BDL	24.00 32.60	39.40	11.50 12.30		BDL BDL	26.80	42.80	10.90	16.80 12.60	BDL
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	Moath			Forth Boun		CO	PH2.5	E	(Oc	tober-2	021 to A	nitoring 1arch-2	.6/20 Result 022)	21/2 S	412/	89669		So	outh Bound	ary	
		PN2.5 (µg/rs3)	PM10	forth Bound	dary NOx (149/m3)	C0 {mg/m3}	PH2.5 (µg/m3)	PM10	(Ocastern Bour	tober-2	021 to P	1 nitoring	Result 022)	21/2 s	dary NOx	89669			outh Bound	ary NOx	©0 (mg/m3)
	Month	PH2.5 (µg/m3) 23.50	PM10 (µg/m3) 46.50	forth Bound 502 (pg/m3) 13.20	(199/m3) 15.20	(mg/m3) BDL	(µg/m3) 22.90	PMIO (ug/m3) 47.30	(Ocastern Bourn 802 (µg/m3) 12.60	tober-2 wlary NOx (µg/m3) 16.70	021 to A co (mg/m3) BD1.	nitoring tarch-20 PM2.5 (ng/m3) 26.40	Result 022) PM10 (µg/m3) 45.90	21/2 West Bound 802 (µg/m3)	dary   NOx (µg/m3)   14.50	CO (mg/m3)	PM2.5 (ug/m3) 27.80	Sc PM10 (µg/m3) 48.50	so2 (µg/m3)	ary NOx (µg/m3) 13.20	Q0 (mg/m3) BDL
	Month Unit > Oct-21	PH2.5 (µg/m3) 23.50 26.10	PM10 (µg/m3) 46.50	502 (µg/m3) 13.20	15.20 12.60	(mg/m3) BDL BDL	(µg/m3) 22.90 25.80	РИ10 (µg/m3) 47.30 43.50	(Ocastern Bourn SO2 (ug/m3) 12.60 10.50	NOx (µg/m3) 16.70	co (mg/m3) BDL BDL	1 nitoring tarch-2 PH2.5 (µg/m3) 26.40 23.40	PN10 (µg/m3) 45.90 42.80	802 (µg/m3) 11.70 12.80	dary   NOx (µg/m3)   14.50	CO (mg/m3) BDL BDL	PM2.5 (ug/m3) 27.80 25.60	PM18 (µg/m3) 48.50 45.90	outh Bound	ary NOx (μg/m3) 13.20	co (mg/m3) BDL BDL
	Month Unit >	PH2.5 (µg/m3) 23.50 26.10 29.40	PM10 (µg/m3) 46.50 46.50 41.20	S02   (µg/m3)   13.20   13.60   15.70	(19)/m3) 15.20 12.60 17.60	(mg/m3) BDL BDL BDL	(µg/m3) 22.90 25.80 27.50	PMIO (µg/m3) 47.30 43.50 42.80	(Ocastern Bourn SO2 (sig/m3) 12.60 10.50	tober-2 kdary NOx (µg/m3) 16.70 13.80 18.90	co (mg/m3) BDL BDL BDL	1 nitoring (larch-2) PH2.5 (lag/m3) 26.40 23.40 21.30	PM10 (ug/m3) 45.90 42.80	21/2   S   West Bound   \$02   (µg/m3)   11.70   12.80   16.90	dary   NOx (µg/m3)   14.50   12.30	CO (mg/m3) BDL BDL BDL	PM2.5 (ug/m3) 27.80 25.60 22.36	\$0 PN10 (ug/m3) 48.50 45.90 43.60	buth Bound   \$02   (µg/m3)   10.80   13.10   8.70	ary NOx (µg/m3) 13.20 11.20	CO (mg/m3) BDL BDL BDL
	Month Unit > Oct-21	PH2.5 (199/m3) 23.50 26.10 29.40 31.60	PM10 (µg/m3) 46.50 46.50 41.20 41.30	502 (µg/m3) 13.20	15.20 12.60 17.50 10.40	(mg/m3) BDL BDL	(µg/m3) 22.90 25.80	PMI0 (µg/m3) 47.30 43.50 42.80 38.60	(Ocastern Bourn SO2 (µg/m3) 12.60 10.50 10.30 12.70	NOx (µg/m3) 16.70 13.80 18.90 16.80	co (mg/m3) BDL BDL	1 nitoring farch-2 PH2.5 (ng/m3) 26.40 23.40 21.30 29.70	PM10 (ug/m3) 45.90 42.80 40.70 39.60	21/2   S   West Bound   S02   (yg/m3)   11.70   12.80   16.90   14.80	dary   WOX   (µg/m3)   14.50   12.30   17.40	CO (mg/m3) BDL BDL BDL BDL	PH2.5 (ug/m3) 27.80 25.60 22.36 30.50	\$60 PN18 (ug/m3) 48.50 45.90 43.60 40.30	outh Bound \$02 (µg/m3) 10.80 13.10 8.70 16.40	NOX (µg/m3) 13.20 11.20 11.40 10.30	CO (mg/m3) BDL BDL BDL BDL
	Month Unit > Oct-21 Nov-21	PH2.5 (199/m3) 23.50 26.10 29.40 31.60	PM10 (µg/m3) 46.50 46.50 41.20 41.30	(ug/m3) 13.20 13.60 15.70	15.20 12.60 17.50 10.40	BDL BDL BDL BDL BDL	(µg/m3) 22.90 25.80 27.50 30.80	PMIO (µg/m3) 47.30 43.50 42.80	(Ocastern Bourn SO2 (µg/m3) 12.60 10.50 10.30 12.70	tober-2 kdary NOx (µg/m3) 16.70 13.80 18.90	021 to A  co (mg/m3)  BDL  BDL  BDL  BDL	1 nitoring (larch-2) PH2.5 (lag/m3) 26.40 23.40 21.30	PM10 (ug/m3) 45.90 42.80	21/2   S   West Bound   \$02   (µg/m3)   11.70   12.80   16.90	dary   NOx (µg/m3)   14.50   12.30	CO (mg/m3) BDL BDL BDL	PM2.5 (ug/m3) 27.80 25.60 22.36	\$0 PN10 (ug/m3) 48.50 45.90 43.60	buth Bound   \$02   (µg/m3)   10.80   13.10   8.70	ary NOx (µg/m3) 13.20 11.20	CO (mg/m3) BDL BDL BDL
	Month Unit > Oct-21 Nov-21	PN2.5 (pg/m3) 23.50 26.10 29.40 31.60 30.10	PM10 (µg/m3) 46.50 41.20 41.30 45.30	(vg/m3) 13.20 13.60 15.70 15.30 12.40	10x (19/m3) 15.20 12.60 17.60 10.40 12.40	(mg/m3) BDL BDL BDL BDL BDL	(µg/m3) 22.90 25.80 27.50 30.80 28.90	PMID (µg/m3) 47.30 43.50 42.80 38.60 40.60	(Ocastern Bours SO2 (sig/m3) 12.60 10.50 10.30 12.70 13.80	tober-2 day NOx (µg/m3) 16.70 13.80 18.90 16.80 13.50	co (mg/m3) BDL BDL BDL BDL BDL BDL	PH2.5 (ng/m3) 26.40 23.40 21.30 29.70 27.60	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.30	21/2   S   West Bound   \$02   (µg/m3)   11.70   12.80   16.90   14.60   14.60	dary NOX (19/m3) 14.50 14.50 12.30 17.40 16.40	CO (mg/m3) BDL BDL BDL BDL BDL BDL	PM2.5 (ug/m3) 27.80 25.60 22.36 30.50 28.90	\$60 \$10,000 \$1	buth Bound 902 (pg/m3) 10.80 13.10 8.70 16.40 10.30	NOx (µg/m3) 13.20 11.20 11.40 10.30 18.70	co (mg/m3) BDL BDL BDL BDL
	Month Unit > Oct-21 Nov-21 Dec-21 Jan-22	PH2.5 (pg/m3) 23.50 26.10 29.40 31.60 30.10 30.10 31.60 28.60	PM10 (µg/m3) 46.50 46.50 41.20 41.30 45.30 42.30 42.50 40.10	(ug/m3) 13.20 13.60 15.70 15.30 12.40 12.90 19.40 13.20	15.20 12.60 17.60 10.40 12.40 16.70 21.30 19.40	(mg/m3) BDL	22.90 25.80 27.50 30.80 28.90 28.90 30.90 31.60	PM10 (ug/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90	Ocastern Bours   SO2   (199/m3)   12.60   10.50   10.30   12.70   13.80   13.80   22.40   12.50	tober-2 kdary NOX (µ9/m3) 16.70 13.80 18.90 16.80 13.50 12.80 22.70 21.20	co (mg/m3) BDL BDL BDL BDL BDL BDL BDL BDL BDL	1 nitoring farch-2 pH2.5 (ng/m3) 26.40 23.40 21.30 29.70 27.60 29.70 26.70 32.70	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.30 46.80 39.40 36.40	west Bound \$02 (ug/m3) 11.70 12.80 16.90 14.80 14.60 10.20 23.60 14.00	dary (190x (190m) 14.50 14.50 12.30 17.40 13.90 22.50	CO (mg/m3) BDL	PM2.5 (ug/m3) 27.80 25.60 22.36 30.50 28.90 35.40 28.40 26.50	\$60 (µg/m3) 48.50 45.90 43.60 40.30 43.60 30.40 41.20 42.10	10.80 13.10 8.70 16.40 10.30 9.80 20.10	NOX (µg/m3) 13.20 11.20 11.40 10.30 18.70 14.80 23.00	CO (mg/m3) BDL BDL BDL BDL BDL BDL BDL BDL
	Month Unit > Oct-21 Nov-21 Dec-21	PH2.5 (p9/m3) 23.50 26.10 29.40 31.60 30.10 30.10 31.60 28.60 30.60	PM10 (µ9/m3) 46.50 46.50 41.20 41.30 45.30 42.30 42.50 40.10 45.90	(orth Boundary (1997m3) 13.20 13.60 15.70 15.30 12.40 12.90 19.40 13.20 18.70	15.20 12.60 17.60 10.40 12.40 16.70 21.30 19.40 20.60	(mg/m3) BDL	22.90 25.80 27.50 30.80 28.90 28.90 30.90 31.60 31.50	PM10 (us/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90 46.80	Ocastern Bours   SO2   (199/m3)   12.60   10.50   10.30   12.70   13.80   13.80   22.40   12.50   16.40	tober-2 kdary NOx (µ9/m3) 16.70 13.80 18.90 16.80 13.50 12.80 22.70 21.20 17.60	co (mg/m3) BDL	1 nitoring farch-2! PH2.5 (ng/m3) 26.40 23.40 21.30 29.70 27.60 29.70 26.70 32.70 32.60	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.30 46.80 39.40 36.40 47.50	west Bounne So2 (1997m3) 11.70 12.80 16.90 14.60 10.20 23.60 14.50	dary   NOx (µ9/m3)   14.50   14.50   12.30   17.40   16.40   13.90   23.00   22.50   18.70	89669    CO	PM2.5 (us/m3) 27.80 25.60 22.36 30.50 28.90 35.40 28.40 26.50 28.70	\$6 PN18 (ug/m3) 48.50 45.90 43.60 40.30 43.60 30.40 41.20 42.10	10.80 13.10 8.70 16.40 10.30 9.80 20.10 15.20	13.20 11.20 11.40 10.30 14.80 18.40 23.00	GO (mg/m3) BDL BDL BDL BDL BDL BDL BDL BDL BDL
	Month Unit > Oct-21 Nov-21 Dec-21 Jan-22 Feb-22	PH2.5 (p9/m3) 23.50 26.10 29.40 31.60 30.10 31.60 28.60 30.60 28.70	PM10 (pg/m3) 46.50 46.50 41.20 41.30 42.30 42.30 42.50 40.10 45.90 41.60	13.20 15.70 15.30 12.40 12.40 13.20 14.40 12.90 19.40 13.20 18.70	15.20 12.60 17.60 10.40 12.40 16.70 21.30 19.40 20.60	(mg/m3) BDL	22.90 25.80 27.50 30.80 28.90 28.90 30.90 31.60 31.50 27.60	PM10 (µg/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90 46.80 42.50	(Ocastern Bourn Sotz (µg/m3) 12.60 10.50 10.30 12.70 13.80 12.50 16.40 13.60	None	co (mg/m3) BDL	1 nitoring (arch-2) PH2.5 (reg/m3) 26.40 23.40 21.30 29.70 27.60 29.70 26.70 32.70 32.60 26.50	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.80 39.40 36.40 47.50 45.80	West Bound \$02 (#9/m3) 11.70 12.80 16.90 14.80 10.20 23.60 14.00 14.50 14.60	dary   NOX   (µ0/m3)   14.50   14.50   12.30   17.40   13.90   23.00   22.50   18.70   14.60	89669  (mg/m3)  BDL  BDL  BDL  BDL  BDL  BDL  BDL  BD	PM2.5 (kg/m3) 27.80 25.60 22.36 30.50 28.90 35.40 28.40 26.50 28.70 30.10	\$60 PN18 (ug/m3) 48.50 45.90 43.60 40.30 43.60 30.40 41.20 42.10 42.30 40.60	9.80 20.10 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30 10.30	NOX (µg/m3) 13.20 11.20 11.40 10.30 18.70 14.80 18.40 23.00 14.60 13.50	BDL
	Month Unit > Oct-21 Nov-21 Dec-21 Jan-22	PH2.5 (199/m3) 23.50 26.10 29.40 31.60 30.10 31.60 28.60 30.60 28.70	PM10 (µ9/m3) 46.50 46.50 41.20 41.30 45.30 42.30 42.50 40.10 45.90	(orth Boundary (1997m3) 13.20 13.60 15.70 15.30 12.40 12.90 19.40 13.20 18.70	15.20 12.60 17.60 10.40 12.40 16.70 21.30 19.40 20.60	(mg/m3) BDL	22.90 25.80 27.50 30.80 28.90 28.90 30.90 31.60 31.50	PM10 (us/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90 46.80	Ocastern Bours   SO2   (199/m3)   12.60   10.50   10.30   12.70   13.80   13.80   22.40   12.50   16.40	tober-2 kdary NOx (µ9/m3) 16.70 13.80 18.90 16.80 13.50 12.80 22.70 21.20 17.60	co (mg/m3) BDL	1 nitoring farch-2! PH2.5 (ng/m3) 26.40 23.40 21.30 29.70 27.60 29.70 26.70 32.70 32.60	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.30 46.80 39.40 36.40 47.50	west Bounne So2 (1997m3) 11.70 12.80 16.90 14.60 10.20 23.60 14.50	dary 80x (199/m3) 14.50 14.50 17.40 16.40 13.90 22.50 18.70 14.60 13.90	89669    CO	PM2.5 (us/m3) 27.80 25.60 22.36 30.50 28.90 35.40 28.40 26.50 28.70	\$6 PN18 (ug/m3) 48.50 45.90 43.60 40.30 43.60 30.40 41.20 42.10	buth Bound   \$02   (pg/m3)   10.80   13.10   8.70   16.40   10.30   9.80   20.10   15.20   15.30   18.70   14.60	13.20 11.20 11.40 10.30 18.70 14.80 123.00 14.60	GO (mg/m3) BDL BDL BDL BDL BDL BDL BDL BDL BDL
	Month Unit > Oct-21 Nov-21 Dec-21 Jan-22 Feb-22	PH2.5 (to/m3) 23.50 26.10 29.40 31.60 30.10 31.60 28.60 30.60 28.70 28.90	PM10 (µg/m3) 46.50 46.50 41.20 41.30 45.30 42.30 42.50 40.10 45.90 41.60 40.60	13.20 13.60 15.70 15.30 12.40 12.90 19.40 13.20 18.70 12.10 1.60	15.20 12.60 17.60 10.40 12.40 16.70 21.30 19.40 20.60 20.60 10.60 18.70	(mg/m3) BDL	22.90 25.80 27.50 30.80 28.90 28.90 30.90 31.60 31.50 27.60 30.60	PM10 (pg/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90 46.80 42.50 45.80 42.60	(Ocastern Bourn 802 (µg/m3) 12.60 10.50 10.30 12.70 13.80 13.80 22.40 12.50 16.40 13.60	tober-2 kdary NOx (µ9/m3) 16.70 13.80 18.90 16.80 13.50 12.80 22.70 21.20 17.60 18.70 12.50 14.60	CO (mg/m3) BDL	1 nitoring March-2/ PH2.5 (mg/m3) 26.40 23.40 21.30 29.70 27.60 29.70 26.70 32.70 32.60 26.50 32.80	PM10 (µg/m3) 45.90 42.80 40.70 39.60 46.30 46.80 39.40 47.50 45.80 42.60 39.70	Solution	dary   NOX   (199/m3)   14.50   12.30   17.40   16.40   13.90   22.50   14.60   13.90   15.80   15.80	89669    CO (mg/m3)   BDL     BDL	PM2.5 (sig/m3) 27.80 25.60 22.36 30.50 28.90 35.40 28.40 26.50 28.70 30.10 34.60 37.90	\$60 (197/m3) 48.50 45.90 43.60 40.30 43.60 30.40 41.20 42.10 42.30 40.60 41.90 40.80	10.80 13.10 8.70 16.40 19.30 9.80 20.10 15.20 18.70 14.60 10.30 14.60 10.30 14.60 14.60 15.60 16	13.20 11.20 11.40 10.30 18.70 14.80 123.00 14.60 14.80 19.40	GO (mg/m3) BDL BDL BDL BDL BDL BDL BDL BDL BDL BDL
	Month Unit > Oct-21  Nov-21  Jan-22  Feb-22  Month Unit >	PM2.5 (t/9/m3) 23.50 26.10 29.40 31.60 30.10 31.60 28.60 30.60 28.70 28.90 30.60 PM2.5 (t/9/m3)	PM10 (µg/m3) 46.50 46.50 41.20 41.30 45.30 42.30 42.50 40.10 45.90 41.60 40.60 PM10 (µg/m3)	13.20 13.60 15.70 15.30 12.40 12.90 19.40 13.20 18.70 12.10 1.60 10.60 Khera villar SO2 (pg/m3)	100x (190/m3) 15.20 12.60 17.60 10.40 12.40 16.70 21.30 19.40 20.60 20.60 10.60 18.70	(mg/m3)   BDL   BDL	22.90 25.80 27.50 30.80 28.90 30.90 31.60 31.50 27.60 30.60 31.50	PM10 (199/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90 46.80 42.50 45.80 42.60	Ocastern Bour   S02   (199/m3)   12.60   10.50   10.30   12.70   13.80   12.50   16.40   13.60   12.50   12.	kdary kdary NOX 16.70 13.80 18.90 16.80 13.50 12.80 22.70 21.20 17.60 18.70 12.50 14.60 lage NOX (yg/m3)	021 to N  co (mg/m3)  BDL  BDL  BDL  BDL  BDL  BDL  BDL  BD	1nitoring 1arch-2/ PH2.5 (ng/m3) 26.40 23.40 21.30 29.70 27.60 29.70 26.70 32.70 32.60 26.50 32.80 32.80 PM2.5 (ng/m3)	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.80 39.40 36.40 47.50 45.80 42.60 39.70 PM10 (ug/m3)	West Bound So2 (pg/m3) 11.70 12.80 16.90 14.80 10.20 23.60 14.00 14.50 14.60 13.80 17.60 oddiwa wiich So2 (pg/m3)	dary 80x (ug/m3) 14.50 14.50 12.30 17.40 13.90 22.50 18.70 15.80 age (ug/m3) 100x (ug/m3)	89669    CO	PH2.5 (ug/m3) 27.80 25.60 22.36 30.50 28.90 35.40 28.40 26.50 28.70 30.10 34.60 37.90 PM2.5 (ug/m3)	\$60 (197/m3) 48.50 45.90 43.60 40.30 43.60 30.40 41.20 42.10 42.30 40.60 41.90 40.80	puth Bound   S02   (pg/m3)   10.80   13.10   8.70   16.40   10.30   9.80   20.10   15.20   15.30   14.60   14.60   14.60   S02   (pg/m3)   S02	13.20 11.20 11.40 10.30 18.70 14.80 18.40 23.00 14.60 13.50 14.80 19.40 19.40 19.40	GO (mg/m3) BDL
	Month Unit > Oct-21 Nov-21 Jan-22 Feb-22 Mar-22 Month	PM2.5 (199/m3) 23.50 26.10 29.40 31.60 30.10 31.60 28.60 30.60 28.70 28.90 30.60 PM2.5 (199/m3) 30.60	PM10 (µg/m3) 46.50 46.50 41.20 41.30 45.30 42.30 42.50 40.10 45.90 41.60 40.60 PM10 (µg/m3) 48.70	13.20 13.60 15.70 15.30 12.40 12.90 19.40 13.20 18.70 12.10 1.60 10.60 Kirera ullay SQ2 (pg/m3) 14.60	15.20 12.60 17.60 10.40 12.40 16.70 21.30 19.40 20.60 20.60 10.60 18.70 19.00 (µg/m³)	(mg/m3) BDL	22.90 25.80 27.50 30.80 28.90 30.90 31.60 31.50 27.60 30.60 31.50	PM10 (µg/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90 46.80 42.50 45.80 42.60 PM10 (µg/m3) 50.30	\$\frac{\text{Oc}}{\(\text{sys}\)}\$ \$02 \$\(\text{(sys}\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	kdary kdary NOX 16.70 13.80 18.90 16.80 13.50 12.80 22.70 21.20 17.60 18.70 12.50 14.60 lage NOX (yg/m3) 15.40	021 to N  co (mg/m3)  BDL  BDL  BDL  BDL  BDL  BDL  BDL  BD	1nitoring (1975) 14arch-2 14arch-2 15.5 16g/m3) 126.40 123.40 123.40 125.60 126.70 126.70 126.70 126.70 126.70 126.50 1280 1280 1280 129.70 126.70 126.50 1280 1280 1280 1280	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.80 39.40 36.40 47.50 45.80 42.60 39.70 PM10 (ug/m3) 49.20	West Bound	dary 80x (ug/m3) 14.50 14.50 12.30 17.40 13.90 22.50 18.70 15.80 agg [10.00] 15.80 [10.00] 14.30	89669    CO	PM2.5 (ug/m3) 27.80 25.60 22.36 30.50 28.90 35.40 28.40 26.50 30.10 34.60 37.90 PM2.5 (ug/m3) 27.40	\$60 (197/m3) 48.50 45.90 43.60 40.30 43.60 30.40 41.20 42.10 42.30 40.60 41.90 40.80	puth Bound   \$02	13.20 11.20 11.40 10.30 18.70 14.80 18.40 23.00 14.60 13.50 14.80 19.40 19.40 19.40	GO (mg/m3) BDL
	Month Unit > Oct-21  Nov-21  Jan-22  Feb-22  Month Unit >	PH2.5 (t/9/m3) 23.50 26.10 29.40 31.60 30.10 31.60 28.60 30.60 28.70 28.90 30.60 PM2.5 (t/9/m3) 30.60 24.10	PM10 (µg/m3) 46.50 46.50 41.20 41.30 45.30 42.30 42.50 40.10 45.90 41.60 40.60 PM10 (µg/m3)	13.20 13.60 15.70 15.30 12.40 12.90 19.40 13.20 18.70 12.10 1.60 10.60 Khera villar SO2 (pg/m3)	100x (190/m3) 15.20 12.60 17.60 10.40 12.40 16.70 21.30 19.40 20.60 20.60 10.60 18.70	(mg/m3)   BDL   BDL	22.90 25.80 27.50 30.80 28.90 30.90 31.60 31.50 27.60 30.60 31.50	PM10 (ps/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90 46.80 42.50 45.80 42.60 PM10 (pg/m3) 50.30 41.80	\$\frac{\text{Oc}}{\(\text{sym}\)}\$ \$02 \$\(\text{(sym}\)\) \$12.60 \$10.50 \$10.30 \$12.70 \$13.80 \$13.80 \$22.40 \$12.50 \$16.40 \$13.60 \$12.50 \$12.50 \$\(\text{(sym}\)\) \$12.50 \$\(\text{(sym}\)\) \$12.50 \$\(\text{(sym}\)\) \$10.80 \$12.70	Nox   15.40	CO	1nitoring (tarch-2)  PH2.5 (trg/m3) 26.40 23.40 21.30 29.70 27.60 29.70 26.70 32.70 32.60 32.80 32.80  PM2.5 (trg/m3) 25.60 23.90	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.80 39.40 36.40 47.50 45.80 42.60 39.70 PM10 (ug/m3) 49.20 44.90	West Bound Su2 (pg/m3) 11.70 12.80 16.90 14.80 10.20 23.60 14.00 14.50 14.60 13.80 17.60 odhwa Villa Su2 (pg/m3) 11.30 13.20	dary 80x (ug/m3) 14.50 14.50 12.30 17.40 13.90 22.50 18.70 15.80 dage [100x (ug/m3) 14.30 12.00	89669    CO	PH2.5 (ug/m3) 27.80 25.60 22.36 30.50 28.90 35.40 28.40 26.50 37.90 PM2.5 (ug/m3) 27.40 24.80	\$6,000 \$1	puth Bound   S02   (pg/m3)   10.80   13.10   8.70   16.40   10.30   9.80   20.10   15.20   15.30   14.60   14.60   14.60   S02   (pg/m3)   12.40   10.80   10.80	13.20 11.20 11.40 10.30 18.70 14.80 18.40 23.00 14.60 13.50 14.80 19.40 19.40 19.40 13.20	GO (mg/m3) BDL
	Month Unit > Oct-21  Dec-21  Jan-22  Feb-22  Month Unit > Oct-21	PH2.5 (t/9/m3) 23.50 26.10 29.40 31.60 30.10 31.60 28.60 30.60 28.70 28.90 30.60 PM2.5 (t/9/m3) 30.60 24.10	PM10 (µg/m3) 46.50 46.50 41.20 41.30 42.30 42.30 42.50 40.10 45.90 41.60 40.60 PM10 (µg/m3) 48.70 46.20	13.20 13.60 15.70 15.30 12.40 12.90 19.40 13.20 18.70 10.60 Kinera villa Soz (pg/m3) 14.60 11.50	100x (pg/m3) 15.20 12.60 17.60 10.40 12.40 16.70 21.30 19.40 20.60 10.60 18.70 19.40 10.60 18.70 19.40 10.60 18.70 10.60 18.70 10.60	(mg/m3)   BDL   BDL	22.90 25.80 27.50 30.80 28.90 30.90 31.60 31.50 27.60 30.60 31.50 27.60 30.60 31.50	PM10 (µg/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90 46.80 42.50 45.80 42.60 PM10 (µg/m3) 50.30	\$\frac{\text{Oc}}{\(\text{sys}\)}\$ \$02 \$\(\text{(sys}\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	kdary kdary NOX 16.70 13.80 18.90 16.80 13.50 12.80 22.70 21.20 17.60 18.70 12.50 14.60 lage NOX (yg/m3) 15.40	021 to N  co (mg/m3)  BDL  BDL  BDL  BDL  BDL  BDL  BDL  BD	1nitoring (1975) 14arch-2/14 (1976) 15arch-2/15 (19	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.80 39.40 36.40 47.50 45.80 42.60 39.70 PM10 (ug/m3) 49.20	West Bound	dary 80x (ug/m3) 14.50 14.50 12.30 17.40 13.90 22.50 18.70 15.80 agg [10.00] 15.80 [10.00] 14.30	89669    CO	PM2.5 (ug/m3) 27.80 25.60 22.36 30.50 28.90 35.40 28.40 26.50 30.10 34.60 37.90 PM2.5 (ug/m3) 27.40	\$60 (197/m3) 48.50 45.90 43.60 40.30 43.60 30.40 41.20 42.10 42.30 40.60 41.90 40.80	puth Bound   \$02	13.20 11.20 11.40 10.30 18.70 14.80 18.40 23.00 14.60 13.50 14.80 19.40 19.40 19.40	GO (mg/m3) BDL
	Month Unit > Oct-21  Dec-21  Jan-22  Feb-22  Month Unit > Oct-21	PH2.5 (t/07/m3) 23.50 26.10 29.40 31.60 30.10 31.60 28.60 30.60 28.70 28.90 30.60 PM2.5 (t/07/m3) 30.60 24.10 25.70 29.70 24.60	PM10 (µg/m3) 46.50 41.20 41.30 45.30 42.30 42.50 40.10 45.90 41.60 40.60 PM10 (µg/m3) 48.70 46.20 42.90 41.90 39.80	13.20 13.60 15.70 15.30 12.40 12.90 19.40 13.20 18.70 12.10 1.60 10.60 Khera villa 502 (pg/m3) 14.60 11.50	100x (pg/m3) 15.20 12.60 17.60 10.40 12.40 16.70 21.30 19.40 20.60 10.60 18.70 19.40 10.30 10.30	(mg/m3)   BDL   BDL	22.90 25.80 27.50 30.80 28.90 30.90 31.60 31.50 27.60 30.60 31.50 27.60 30.60 31.50 27.60 30.60 31.50	PM10 (ps/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90 46.80 42.50 45.80 42.60 PM10 (ps/m3) 50.30 41.80 45.60	\$\frac{\text{Oc}}{\text{softern Bount}}\$ \$02 \$\text{(ug/m3)}\$ \$12.60 \$10.50 \$10.30 \$12.70 \$13.80 \$13.80 \$22.40 \$12.50 \$16.40 \$12.50 \$12.50 \$12.50 \$\text{cord}\$ \$\text{vord}\$ \$vor	NOX   16.70   13.80   16.80   12.80   22.70   21.20   17.60   18.70   14.60   15.40   15.40   15.40   15.40   14.20	CO	1nitoring (tarch-2)  PH2.5 (trg/m3) 26.40 23.40 21.30 29.70 27.60 29.70 26.70 32.70 32.60 32.80 32.80  PM2.5 (trg/m3) 25.60 23.90 20.90	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.80 39.40 36.40 47.50 45.80 42.60 39.70 PM10 (ug/m3) 49.20 44.90 41.70 36.90	West Bourne So2 (pg/m3) 11.70 12.80 16.90 14.80 10.20 23.60 14.00 14.50 14.60 13.80 17.60 odhwa William So2 (pg/m3) 11.30 13.20 9.10	dary 80x (ug/m3) 14.50 14.50 12.30 17.40 13.90 22.50 18.70 15.80 age (ug/m3) 14.30 12.00 12.20	89669    CO	PH2.5 (ug/m3) 27.80 25.60 22.36 30.50 28.90 35.40 28.40 26.50 37.90 PM2.5 (ug/m3) 27.40 24.80 22.50	\$6,000 \$1	puth Bound   \$02	13.20 11.20 11.40 10.30 18.70 14.80 18.40 23.00 14.60 13.50 14.80 19.40 19.40 19.40 19.40 19.40	GO (mg/m3) BDL
	Month Unit > Oct-21  Nov-21  Jan-22  Feb-22  Month Unit > Oct-21  Nov-21  Dec-21	PM2.5 (t/0/m3) 23.50 26.10 29.40 31.60 30.10 31.60 28.60 30.60 28.70 28.90 30.60 PM2.5 (t/0/m3) 30.60 24.10 25.70 29.70 24.60 24.20	PM10 (µg/m3) 46.50 41.20 41.30 45.30 42.30 42.50 40.10 45.90 41.60 40.60 PM10 (µg/m3) 48.70 46.20 41.90 39.80 39.70	13.20 13.60 15.70 15.30 12.40 12.90 19.40 13.20 18.70 12.10 1.60 10.60 10.60 10.60 10.60 11.50 16.80 10.20 9.80	15.20 15.20 17.60 17.60 10.40 12.40 16.70 21.30 19.40 20.60 20.60 10.60 18.70 13.60 14.80 10.30 12.80 13.60	(mg/m3)   BDL   BDL	(ug/m3)   22.90   25.80   27.50   30.80   28.90   31.60   31.50   27.60   30.60   31.50   PM2.5   (ug/m3)   28.90   26.50   23.40   30.10   22.40	PM10 (ps/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90 46.80 42.50 45.80 42.60 PM10 (pg/m3) 50.30 41.80 38.70 38.70 38.70	Ocastem Bound   Soz   (199/m3)   12.60   10.50   10.30   12.70   13.80   13.80   12.50   16.40   13.60   12.50   12.50   10.80   12.70   10.80   12.70   10.60   16.80   16.80   16.80   16.80   16.80   16.80   16.80   16.80   16.80   16.80   16.80   16.80   10.50   10.60   16.80   10.50   10.60   16.80   10.50   10.60   16.80   10.50   10.50   10.60   16.80   10.50   10.50   10.60   16.80   10.50   10.50   10.50   10.60   16.80   10.50   10.50   10.50   10.60   16.80   10.50   10.50   10.50   10.50   10.60   16.80   10.50   10.	tober-2 kdary kdary kdary 180 x 180 x 118.70 13.80 16.80 13.50 12.80 22.70 21.20 17.60 18.70 12.50 14.60 tage NOx (kg/m3) 15.40 13.40 14.20 10.30 10.90 17.90	CO	1nitoring [March-2] [March	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.80 39.40 36.40 47.50 45.80 42.60 39.70 PM10 (ug/m3) 49.20 44.90 41.70 36.90 35.40 32.80	West Bourne S02 (pg/m3) 11.70 12.80 16.90 14.80 10.20 14.50 14.60 17.60	dary   N0x   (197m3)   14.50   14.50   12.30   17.40   15.40   13.90   22.50   18.70   15.80   15.80   14.30   12.00   12.20   9.80   12.40   10.20	89669    CO	PH2.5 (ug/m3) 27.80 25.60 22.36 30.50 28.90 35.40 28.40 26.50 34.60 37.90 PM2.5 (ug/m3) 27.40 24.80 22.50 29.20 35.40 36.80	\$6,000 \$1	9.80 15.60 14.60 10.80 14.50 15.60 13.80 16.70	13.20 11.20 11.40 10.30 18.70 14.80 18.40 23.00 14.60 13.50 14.80 19.40 19.40 10.80	GO (mg/m3) BDL
	Month Unit > Oct-21  Dec-21  Jan-22  Feb-22  Month Unit > Oct-21  Nov-21	PM2.5 (t/0/m3) 23.50 26.10 29.40 31.60 30.10 31.60 28.60 30.60 28.70 28.90 30.60 PM2.5 (t/0/m3) 30.60 24.10 25.70 24.60 24.20 25.00	PM10 (µg/m3) 46.50 41.20 41.30 42.30 42.50 40.10 45.90 41.60 40.60 PM10 (µg/m3) 48.70 46.20 41.90 39.80 39.70 36.80	13.20 13.60 15.70 15.30 12.40 12.90 19.40 13.20 18.70 12.10 1.60 10.60 10.60 10.60 10.50 10.20 9.80 15.70 18.60	15.20 12.60 17.60 10.40 12.40 16.70 21.30 19.40 20.60 20.60 10.60 18.70 13.60 14.80 10.30 12.80 13.60 13.60	(mg/m3)   BDL   BDL	(ug/m3) 22.90 25.80 27.50 30.80 28.90 31.60 31.50 27.60 30.60 31.50 PM2.5 (ug/m3) 28.90 26.50 23.40 33.40 30.10 22.40 31.30	PM10 (us/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90 46.80 42.50 45.80 42.60  PM10 (ug/m3) 50.30 41.80 45.60 37.40 38.70 35.90	Cocstem Sour   Soz   (199/m3)   12.60   10.50   12.70   13.80   13.80   12.50   16.40   13.60   12.50   12.50   10.80   12.70   10.80   12.70   10.60   16.80   16.70   16.80   16.70	tober-2 kdary kdary kdary kdary 18.70 13.80 13.80 13.50 12.80 22.70 21.20 17.60 18.70 12.50 14.60 tage NOX (kg/m3) 15.40 13.40 14.20 10.30 10.90 21.00	CO	1nitoring (larch-2) PH2.5 (lng/m3) 26.40 23.40 21.30 29.70 27.60 29.70 32.70 32.60 32.80 32.80 PM2.5 (lng/m3) 25.60 23.90 20.90 28.50 31.60 30.70 30.80	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.80 39.40 36.40 47.50 45.80 42.60 39.70 PM10 (ug/m3) 49.20 41.70 36.90 35.40 32.80 41.50	West Bourn S02 (pg/m3) 11.70 12.80 16.90 14.80 10.20 14.50 14.60 17.60 13.80 17.60 13.80 17.60 13.80 17.60 13.20 9.10 12.20 12.80 12.80 18.20	dary   N0x   (197m3)   14.50   14.50   14.50   17.40   16.40   13.90   22.50   18.70   14.60   13.90   15.80   16.80   12.20   14.30   12.20   9.80   12.40   10.20   20.70	89669    CO	PH2.5 (ug/m3) 27.80 25.60 22.36 30.50 28.90 35.40 28.40 26.50 34.60 37.90 PM2.5 (ug/m3) 27.40 24.80 22.50 29.20 35.40 36.80 26.70	\$6,000 \$1	9.80 20.10 15.20 15.30 14.60 14.60 14.60 14.60 14.60 14.60 14.60 14.60 14.60 14.60 14.60 15.20 15.30 16.40 16.	13.20 11.20 11.40 10.30 18.70 14.80 18.40 23.00 14.60 13.50 14.80 19.40 19.40 10.80 8.40 14.80 11.80 11.80	GO (mg/m3) BDL
	Month Unit > Oct-21  Nov-21  Jan-22  Feb-22  Month Unit > Oct-21  Nov-21  Dec-21  Jan-22	PH2.5 (t/of/m3) 23.50 26.10 29.40 31.60 30.10 31.60 28.60 30.60 28.70 28.90 30.60 PM2.5 (t/of/m3) 30.60 24.10 25.70 24.60 24.20 25.00 25.90	PM10 (µg/m3) 46.50 41.20 41.30 42.30 42.50 40.10 45.90 41.60 40.60 PM10 (µg/m3) 48.70 46.20 41.90 39.80 39.70 36.80 43.50	13.20 13.60 15.70 15.30 12.40 12.90 19.40 13.20 18.70 10.60 10	15.20 12.60 17.60 10.40 12.40 16.70 21.30 19.40 20.60 20.60 10.60 18.70 13.60 14.80 10.30 12.80 13.60 19.30 13.60	(mg/m3)   BDL   BDL	(ug/m3) 22.90 25.80 27.50 30.80 28.90 31.60 31.50 27.60 30.60 31.50 PM2.5 (ug/m3) 28.90 26.50 23.40 33.40 30.10 22.40 31.30 28.40	PM10 (us/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90 46.80 42.50 45.80 42.60  PM10 (ug/m3) 50.30 41.80 45.60 37.40 38.70 35.10 35.90 36.40	Cocstern Sour   Soz   (199/m3)   12.60   10.50   12.70   13.80   12.50   16.40   13.60   12.50   12.50   10.80   12.70   10.80   12.70   10.60   16.80   16.70   14.80   14.	tober-2 kdary kdary (197/m3) 16.70 13.80 16.80 13.50 12.80 22.70 21.20 17.60 18.70 12.50 14.60 tage NOX (197/m3) 15.40 13.40 14.20 10.30 10.90 17.90 21.00 16.40	CO	1nitoring (larch-2) PH2.5 (lny/m3) 26.40 23.40 21.30 29.70 27.60 29.70 32.70 32.60 26.50 32.80 32.80 PM2.5 (lny/m3) 25.60 23.90 20.90 28.50 31.60 30.70 30.80 27.40	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.80 39.40 36.40 47.50 45.80 42.60 39.70 PM10 (ug/m3) 49.20 41.70 36.90 35.40 32.80 41.50 41.20	West Bourne S02 (pg/m3) 11.70 12.80 16.90 14.80 10.20 14.50 14.50 17.60 odbwa William S02 (pg/m3) 11.30 13.20 9.10 12.20 12.80 18.20 15.30	dary   N0x   (197m3)   14.50   14.50   14.50   17.40   16.40   13.90   22.50   18.70   15.80   15.80   12.20   9.80   12.20   9.80   12.40   10.20   20.70   19.30	89669    CO	PH2.5 (ug/m3) 27.80 25.60 22.36 30.50 28.90 35.40 26.50 30.10 34.60 37.90 PM2.5 (ug/m3) 27.40 24.80 22.50 29.20 35.40 36.80 26.70 32.20	\$6,000 \$1	9.80 20.10 15.20 15.30 14.60 14.60 14.60 10.30 15.20 15.20 15.30 14.60 14.60 14.60 14.60 15.60 15.60 16.40 10.30 10.	Nox (μg/m3)   13.20   11.40   10.30   18.70   14.80   14.60   14.80   14.80   14.80   13.20   10.80   8.40   14.80   11.80   17.40   16.50   16.50   16.50	GO (mg/m3) BDL
	Month Unit > Oct-21  Nov-21  Jan-22  Feb-22  Month Unit > Oct-21  Nov-21  Dec-21	PM2.5 (t/0/m3) 23.50 26.10 29.40 31.60 30.10 31.60 28.60 30.60 28.70 28.90 30.60 PM2.5 (t/0/m3) 30.60 24.10 25.70 24.60 24.20 25.00	PM10 (µg/m3) 46.50 41.20 41.30 42.30 42.50 40.10 45.90 41.60 40.60 PM10 (µg/m3) 48.70 46.20 41.90 39.80 39.70 36.80	13.20 13.60 15.70 15.30 12.40 12.90 19.40 13.20 18.70 12.10 1.60 10.60 10.60 10.60 10.50 10.20 9.80 15.70 18.60	15.20 12.60 17.60 10.40 12.40 16.70 21.30 19.40 20.60 20.60 10.60 18.70 13.60 14.80 10.30 12.80 13.60 13.60	(mg/m3)   BDL   BDL	(ug/m3) 22.90 25.80 27.50 30.80 28.90 31.60 31.50 27.60 30.60 31.50 PM2.5 (ug/m3) 28.90 26.50 23.40 33.40 30.10 22.40 31.30	PM10 (us/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90 46.80 42.50 45.80 42.60  PM10 (ug/m3) 50.30 41.80 45.60 37.40 38.70 35.90	Cocstem Sour   Soz   (199/m3)   12.60   10.50   12.70   13.80   13.80   12.50   16.40   13.60   12.50   12.50   10.80   12.70   10.80   12.70   10.60   16.80   16.70   16.80   16.70	tober-2 kdary kdary kdary kdary 18.70 13.80 13.80 13.50 12.80 22.70 21.20 17.60 18.70 12.50 14.60 tage NOX (kg/m3) 15.40 13.40 14.20 10.30 10.90 21.00	CO	1nitoring (larch-2) PH2.5 (lng/m3) 26.40 23.40 21.30 29.70 27.60 29.70 32.70 32.60 32.80 32.80 PM2.5 (lng/m3) 25.60 23.90 20.90 28.50 31.60 30.70 30.80	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.80 39.40 36.40 47.50 45.80 42.60 39.70 PM10 (ug/m3) 49.20 41.70 36.90 35.40 32.80 41.50	West Bourn S02 (pg/m3) 11.70 12.80 16.90 14.80 10.20 14.50 14.60 17.60 13.80 17.60 13.80 17.60 13.80 17.60 13.20 9.10 12.20 12.80 12.80 18.20	dary   N0x   (197m3)   14.50   14.50   14.50   17.40   16.40   13.90   22.50   18.70   15.80   15.80   12.20   9.80   12.20   9.80   12.40   10.20   20.70   19.30   13.40	89669    CO	PH2.5 (ug/m3) 27.80 25.60 22.36 30.50 28.90 35.40 28.40 26.50 34.60 37.90 PM2.5 (ug/m3) 27.40 24.80 22.50 29.20 35.40 36.80 26.70	\$6,000 \$1	10.80 14.60 14.50 15.60 13.80 16.70 19.00 11.40 12.80	нох (µg/m3) 13.20 11.20 11.40 10.30 18.70 14.80 13.50 14.60 13.50 14.80 19.40 8 NOX (µg/m3) 13.20 10.80 8.40 11.80 11.80 11.80 11.80 11.90	CO (mg/m3) BDL
	Month Unit > Oct-21  Nov-21  Jan-22  Feb-22  Month Unit > Oct-21  Nov-21  Dec-21  Jan-22	PM2.5 (t/of/m3) 23.50 26.10 29.40 31.60 30.10 31.60 28.60 30.60 28.70 28.90 30.60 PM2.5 (t/of/m3) 30.60 24.10 25.70 24.60 24.20 25.00 25.90 24.60	PM10 (µg/m3) 46.50 41.20 41.30 45.30 42.30 42.50 40.10 45.90 41.60 40.60 PM10 (µg/m3) 48.70 46.20 41.90 39.80 39.70 36.80 43.50 41.60	13.20 13.60 15.70 15.30 12.40 12.90 19.40 13.20 18.70 12.10 1.60 10.60 10.60 10.60 10.50 10.20 9.80 15.70 18.60 10.20 9.80 13.00 19.80	15.20 12.60 17.60 10.40 12.40 16.70 21.30 19.40 20.60 20.60 10.60 18.70 10.00 10.30 11.80 10.30 12.80 13.60 13.60 14.80 10.30 11.80 13.60 14.70	(mg/m3)   BDL   BDL	(ug/m3)   22.90   25.80   27.50   30.80   28.90   31.60   31.50   27.60   30.60   31.50   28.90   26.50   23.40   33.40   30.10   22.40   31.30   28.40   29.80	PM10 (us/m3) 47.30 43.50 42.80 38.60 40.60 45.70 36.80 38.90 46.80 42.50 45.80 42.60 42.60 45.70 35.10 35.90 36.40 30.90	Cocstern Sour   Soz   (199/m3)   12.60   10.50   10.30   12.70   13.80   12.50   16.40   13.60   12.50   10.50   12.50   10.80   12.70   10.60   10.	tober-2  kdary  kdary  (199/m3)  16.70  13.80  16.80  13.50  12.80  22.70  21.20  17.60  18.70  12.50  14.60  toge  MOX  (199/m3)  15.40  14.20  10.30  10.90  17.90  21.00  15.40	CO	1nitoring (larch-2) PH2.5 (lny/m3) 26.40 23.40 21.30 29.70 27.60 29.70 32.70 32.60 32.80 32.80 32.80 PM2.5 (lny/m3) 25.60 23.90 20.90 28.50 31.60 30.70 30.80 27.40 27.40	PM10 (ug/m3) 45.90 42.80 40.70 39.60 46.80 39.40 36.40 47.50 45.80 42.60 39.70 PM10 (ug/m3) 49.20 41.70 36.90 35.40 32.80 41.50 41.20 36.80	West Bournes 802 (1997m3) 11.70 12.80 16.90 14.80 10.20 14.50 14.50 17.60 13.80 17.60 13.80 17.60 13.20 9.10 12.20 12.80 12.80 15.30 14.30	dary   N0x   (197m3)   14.50   14.50   14.50   17.40   16.40   13.90   22.50   18.70   15.80   15.80   12.20   9.80   12.20   9.80   12.40   10.20   20.70   19.30	89669    CO	PH2.5 (ug/m3) 27.80 25.60 22.36 30.50 28.90 35.40 28.40 26.50 34.60 37.90 PM2.5 (ug/m3) 27.40 24.80 22.50 29.20 35.40 36.80 26.70 32.20 30.90	\$6,000 \$1	9.80 20.10 15.20 15.30 14.60 14.60 14.60 10.30 15.20 15.20 15.30 14.60 14.60 14.60 14.60 15.60 15.60 16.40 10.30 10.	Nox (μg/m3)   13.20   11.40   10.30   18.70   14.80   14.60   14.80   14.80   14.80   13.20   10.80   8.40   14.80   11.80   17.40   16.50   16.50   16.50	GO (mg/m3) BDL



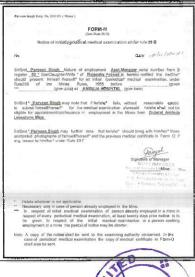


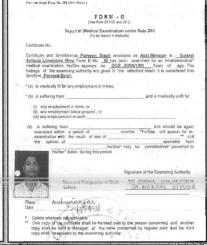
- Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- Environment friendly Surface Miner machine will be used for mining. Surface mining is provided with inbuilt facility of water sprinkling to suppress dust generated during mining. Water tankers are plying on all haul roads to supress the fugitive dust. monitoring results are enclosed as under:

	Fugitive Emission Me	onitoring - (October-2021 to	March-2022)
Month	Haulage Road SPM ( µg/m3 )	Nr. Loading Area SPM ( µg/m3 )	Working Pit Area SPM ( µg/m3 )
Oct-21	1735	1600	2025
Nov-21	1238	1982	2236
Dec-21	1260	1970	1658
Jan-22	1310	1845	1730
Feb-22	1265	1920	1680
Mar-22	1280	1924	1745

- Personal working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- Dust Masks, Safety Shoes, Safety Goggles & Helmet will be provided to each & every personnel working in the mine area. Periodic Health Checkup will be done for personnel working in the mine area.
- Work area monitoring for air borne dust is carried out regularly on monthly basis, monitoring results are enclosed as under:

	Air Borne Dust Survey (October-2021 to March-2022)											
M	achine : Surfa	ce Miner			Machine :	Dozer		Machine Loader				
Date	Period	Location	RSPM (mg/m3)	Date	Period	Location	RSPM (mg/m3)	Date	Period	Location	RSPM (mg/m3)	
04-Oct-21	06:00 - 14:00		0.34	05-Oct-21	06:00 - 14:00	- × 1	0.35	06-Oct-21	06:00 - 14:00		0.31	
08-Nov-21	06:00 - 14:00	hid	0.37	09-Nov-21	06:00 - 14:00	bin	0.31	10-Nov-21	06:00 - 14:00		0.28	
09-Dec-21	06:00 - 14:00	C N	0.43	10-Dec-21	06:00 - 14:00	ប៊ី	0.32	11-Dec-21	06:00 - 14:00	C	0.35	
03-Jan-22	06:00 - 14:00	9	0.36	04-Jan-22	06:00 - 14:00	0	0.28	05-Jan-22	06:00 - 14:00	0	0.30	
17-Feb-22	14:00 - 22:00	I S	0.42	18-Feb-22	14:00 - 22:00	nsi	0.35	19-Feb-22	14:00 - 22:00	Inside	0.32	
03-Mar-22	06:00 - 14:00		0.38	04-Mar-22	06:00 - 14:00	1.153	0.39	05-Mar-22	06:00 - 14:00		0.36	



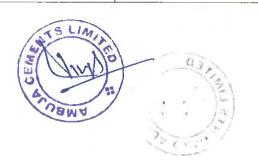




Daily Tool Box Talk at Workplace



Occupational health surveillance program of the Occupational health surveillance program of the workers will be undertaken periodically workers should be undertaken periodically to observe any contractions due to exposure to dust by our Occupational health center. and take corrective measures, if needed. viii A separate environmental management cell with established Α Environmental qualified personnel should be set-up under the management Division (EMD) with suitable control of a Senior Executive, who will report qualified personal is in place. Head of directly to the Head of the Organization. Environmental Management cell directly report to the Unit Head of the Organization. EMD Organization chart is enclosed as Under: Organization Chart **Unit Head Head Environment** Sr. Officer - Environment The funds earmarked for environmental protection ix Details of capital and recurring expenditure measures should be kept in separate account and for environmental protection measures are should not be diverted for other purpose. Year wise enclosed as under: expenditure should be reported to the Ministry of Environment, Forest & Climate Change and its Regional Office located at Bhopal. Expenditure incurred in Environment Management Plan - Lodhva MINES Ambuja Cement Foundation - Ambujanagar Details for programme wise expenditure for the year October 2021 to March 2022 A. Capital Invessiment for Environmental Monitoring: (Rs. In lakhs) S.No **Particulars** Cost (in Lacs) Funds received \*\* Funds from other \*\*\*\* Direct \*\* People's 1 Monitoring Equipments 37.08 ACF-ACL through Donors / Donor **Funding** to Total Exp. Government Agencies 2 **Environment Laboratory** Others (Monitoring Van, DG Sets etc.) 10 GUIARAT - Kodinar Water Resource Mangament & Drinking Water Project Total (In Lacs INR) 57.08 50.89 10.61 a.Water Resource Devlopment 61.50 Recurring Expenditure for the period of October'2021 to March'2022 B. Drinking Water Programme 312.24 319.25 Agriculture Development( Drip irrigation, Farm Forestry & **Particulars** Cost (in Lacs 29.52 1.25 116.79 319.14 10.69 160.89 Afforesation Green belt development & Dust suppression 35,00 10.23 338.64 136.58 72.83 2 Manpower Cost \* 14,75 14.11 182.73 196.84 Health & Sanitation 27.64 19.30 58.18 House Keeping 0.92 3 Education Programme 6.91 6.91 Other Env. Protection (Environmental Monitoring) Women / Youth Development 4 147 15.63 15.63 Skill and Enterprunership Development Programme 30.64 29.57 20.82 25.57 Environment Awareness \* 106.60 0.50 90.00 Integrated Community Development Programme 0.23 90.23 Total (In Lacs INR) 52.64 10 Co-ordination & Administration Expenses 26.90 26.90 Capital Expenditure Expenditures are Common for All the Plants & Mines. 179.56 245.43 The project authorities should inform to the Regular six monthly environmental clearance Regional Office located at Bhopal regarding date of compliance reports are being submitted to financial closure and final approval of the project by MoEF&CC. Last submission was on dated the concerned authorities and the date of start of 06.11.2021 vide letter no. ACL/EMD/Fland development work. 16/2021/2412/89669.



	de Moef&CC Letter No : J-11015/446/20.		
xi	The Regional Office of this Ministry located at Bhopal shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.	•	Point noted and will be complied.  Full support and co-operation is being extended during the visit of officers from Ministry of Environment & Forest, CPCB as well as GPCB.
xii	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office Bhopal, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the Ministry of Environment and Forests, Bhopal, the respective Zonal Office of central Pollution Control Board and the State Pollution Control Board.		Regular Half yearly compliance status report is being regularly submitted and last submission was on dated 06.11.2021 vide letter no. ACL/EMD/F-16/2021/2412/89669.
xiii	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	•	Complied A copy of clearance letter has been sent to Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body as applicable.
xiv	The State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and the Collector's office/ Tehsildar's Office for 30 days.	•	Complied  GPCB is the concerned authority for the same.
xv	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also sent to the Regional Office of Ministry of Environment and Forests, Bhopal by e-mail.	•	Environmental statement is being Submitted to concern authority for each financial year and this year submission was on 14.09.2021 vide letter no. ACL/EMD/F-22/2021/2384/89487

The project authorities should advertise at least in two local newspaper widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at web site of the Ministry of Environment and Forests at <a href="http://envfor.nic.in">http://envfor.nic.in</a> and a copy of the same should be forwarded to the Regional Office of this Ministry located at Bhopal.

- Complied
- Advertisement was published in two local news papers. Copy is pasted as under (a).
- Copy of advertisement has been submitted to MoEF on 01.06.2016 vide letter no. ACL/EMD/F-13/2016/580/78600. Copy is pasted as under (b).



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