DESCRIPTIVE REPORT ON STATUS OF COMPLIANCE TO CONDITIONS OF ENVIRONMENT CLEARANCE AND ENVIRONMENT MANAGEMENT

Compliance Status (for the period of October 2020 – March 2021) of Environmental Clearance issued by MoEF, New Delhi vide letter Reference no. J-16011/4/93-IA.III Dated 21.06.1996

(**Detail of project:** "Construction of a Port terminal at Dahej in the Gulf of Cambay for handling the liquid hydrocarbon and other chemicals" at GIDC, Dahej, Taluka Vagra, Dist. Bharuch, Gujarat by M/s Gujarat Chemical Port Terminal Company Limited.)

SN	Conditions	Status / Action taken
Α	SPECIFIC CONDITION	
i	Infrastructure facilities like water supply, power supply, firefighting arrangements, sewerage and drainage system must be provided for	Infrastructure facilities like water supply, power supply, firefighting arrangements, and sewerage and drainage system are provided within the Terminal premises including Jetty. The water is being sourced from GIDC and the power is being
	the proposed facilities and the port area.	sourced from Dakshin Gujarat Vij Company Ltd.
ii	All construction designs and drawing relating to proposed construction must have the approval of the concerned state government department/agency.	GCPTCL had obtained requisite permissions from the relevant government departments / bodies / authorities like GPCB (CTE and CCA), PESO (Petroleum Explosives and Safety Organisations), DISH (Director of Industrial Safety and Health), GMB (Gujarat Maritime Board) etc.
iii	The projects authorities should undertake dredging and reclamation work in stages, in consultation with some expert institution in such a way as to ensure that these operations do not deteriorate the surface water quality, which must be maintained within the prescribed standards. Water quality parameters viz. Turbidity, Dissolved Oxygen, Ammonical Nitrogen and other nutrients in waters should be measured at regular intervals to monitor water quality.	Natural draught available at the berth location. Thus, no dredging activity carried out. Dredging and reclamation work, if required – will be undertaken under approval from GMB while ensuring that surface water quality is maintained within the prescribed standards. Not applicable.
iv	To prevent discharge of sewage, bilge waste and other liquid wastes in to the marine environment, adequate system for collection, treatment and disposal of liquid wastes including shoreline interceptor for	Vessels visiting the berths are not allowed to release/discharge oily waste, bilge waste, ballast & solid waste including wastes in marine environment and is ensured through implementation of "Indemnity Letter and Condition of Use of GCPTCL Jetty. One such letter duly endorsed by the Vessel Master is attached as Annexure 04 in the main report. COMPLIED .

V	receiving liquid wastes from shoreline installations and special hose connection for ships to allow for discharge of sewage must be provided. Appropriate devices such as oil water separator, oil monitor, oil skimmer etc. must be provided to remove all floatable material including oil spills while re-fuelling the vessels, because of operations of cargo handling equipment and allied machinery, cranes, tractors etc. to tackle the oil pollution in the port area and marine environment.	Supply and maintenance of Oil Spill Equipment like oil water separator, oil monitor, oil skimmer etc. including competent persons to handle Oil Spill, if any is outsourced. Work Order has been awarded to competent agency M/s. Sea Care Marine Services for providing Tier 1 oil spill response (OSR) as per IMO (International Maritime Organization) on 24 x 7 basis. Copy of valid work order, typical sample of certificate of training and maintenance schedule for OSR equipment is attached as Annexure 09, Annexure 10 and Annexure 11 respectively in the main report.
.	-	COMPLIED.
vi	To maintain hygienic conditions during construction phase appropriate sanitary facilities e.g. latrine facilities at low cost, drinking water facilities, temporary housing facilities and adequate supply of kerosene and diesel must be made available to the workers to avoid pollution of the surroundings and prevent cutting of trees.	The construction workers were provided with basic amenities such as drinking water, food, sanitation etc. to prevent construction workers from deteriorating the environment. Workers engaged for construction activities were preferred/opted from neighbouring community/population. COMPLIED.
Vii	During construction phase it must be ensured that gasoline and diesel power vehicles be maintained and location for their maintenance should be such that accidental spillage of oil is prevented to avoid contamination of ground water. The project authorities must ensure that the spent chemical wastes are neutralised before disposal. Hazardous materials such as diesel and lubricating oil, LPG and other compressed gases, paint materials and acetylene cylinders etc. which are to be utilized during construction phase must be stored as per accepted safety standards.	During the construction phase only well maintained and less polluting vehicles were used. Such vehicles were maintained outside the premises so that chances of oil contamination are avoided. Hazardous chemicals like diesel, lube oils, LPG used during the construction phase were stored in a designated area with proper controls and safety precautions. COMPLIED.

viii To control fugitive emissions Fugitive emissions at work places are monitored and records of hydrocarbons from storage are maintained. Following best practices/RAGAGEP have been tanks and leaks during are implemented with a view to eliminate/reduce the fugitive transfer and loading, close emissions. systems should be planned during design stage to avoid Handling of products through closed systems - use of occupational exposure piping and loading arms for transfer/handling of products to Flange joints in the piping network are of full faced gasket hydrocarbons. Use of submerged filling is joint and valves (stem) equipped with graphite fitting etc. recommended reduce to emissions fugitive at all transfer points. Possibilities of installing vapour collection devices for recovery of hydrocarbons through adsorption canisters may be explored for further reduction in hydrocarbons emissions to the atmosphere. Material transfer pumps are of centrifugal type and are • provided with double mechanical seals. Prevention/Reduction of evaporation loss - Rim seal type • vapour seal mechanism is provided for storage tanks containing highly volatile products i.e. class 'A' petroleum products. Rim seal mechanism with Leak Detection and Alarm Repair 103 LEL detectors are installed at prominent locations to continuously measure the release of hazardous material, if any from the pipeline/storage tank etc. and subsequent initiating corrective measures. Monitoring of Fugitive Emission – Regular monitoring of fugitive emission (Volatile Organic Component) is carried out through Schedule-I Environmental Auditor - M/s. MANTRA (Man Made Textile and Research Association, Gujarat) - refer Annexure 25 in the main report.

Summary of fugiti period (October 20) ready reference.	ve emission 20 to March 20	monitoring for 1 021) is appended	he reporting I as below for
	Location	Average VOC	(mg/m³)
Near Atmospheri	c Gantry	1.14	
Near Pressurize	Gantry	1.24	
Near BOG Area		1.25	
Near LPG Tank F	arm	1.32	
Near Propane Ta	ink Farm	1.14	
Near Py Gas Tar	nk Farm	1.17	
Near Methanol T	ank Farm	1.15	
Near Px Tank Fa	rm	1.11	
Near Hydrocarbo (Naphtha)	n Tank	1.33	
Near Acetic Acid Farm	Tank	1.31	
Analytical report o attached as Anne Workplace monitor any is carried out 04.01.2022) and N TC-7099, valid till Consultants, Gujara main report. Summary of monitor the reporting perior appended as below	f one such fu cure 26 in the pring – ing for present through Mol IABL accredite 26.03.2022)– at –details attan pring of hazard of i.e., (Octob) of or ready refe	gitive emission e main report. ce of hazardous EF&CC (recogni ed laboratory (C M/s. Kadam E ched as Annexi ous chemical at ber 2020 to Ma erence.	monitoring is chemicals, if tion valid till ertificate No. nvironmental ure 28 in the workplace for rch 2021) is
Hazardous chemical	Average mg/m3	Minimum mg/m3	Maximum mg/m3
Px	3.59	2.37	5.38
Methanol	3.12	1.61	6.12
Hydrocarbon	2.27	1.24	3.11
Butadiene	ND	ND	ND
Acetic Acid	ND	ND	ND
Caustic Fumes	ND	ND	ND
Propylene Oxide	ND	ND	ND
Propane	3.96	2.68	6.68

		Report of one such	n workplace	monitoring for	r the reporting
		ים שפווטע וא מונמטוופע מג	AIIIGAUIU		
		COMPLIED.			
ix	Major sources of noise are transfer pumps at tank farms. In order to keep the noise levels within the prescribed standards noise barrier/shield in the form of walls and compressors and air dryer meeting the prescribed noise levels must be provided wherever possible. Use of ear-muffs and other protective devices in noise-prone areas are recommended for use by the workers. Plantation of tree may be carried out which also helps as a noise barrier.	The major activity is such no manufactur likelihood of high However, noise supp Pumps are provided e.g. enclosure, muffl	storage and ing activities noise gener pression devia with suitable ler on exhaus	handling of charare carried our are carried our rating machin ces where app noise suppres t etc.	emicals and as it, there is less ery/equipment. licable like - ssion measures Exhaust
		Fractice is in place level, within the com perimeter through M as well as by internal Summary of noise le to March 2021) is pr	Iosure – ency DG Se for monitorin plex at workp loEF&CC and al resource an evel monitoring	et et line as well as I NABL recogn d records are g for the period elow for ready	vel, at periodic at the extreme ized third party maintained. (October 2020 reference.
		Area/Location	Average	Minimum	Maximum
		Ambient Air Noise	e Monitoring	- DAY/NIGHT	in dB(A)
		Nearby Store	56/52	52/47	66/62
		Main Gate	58/53	54/49	62/59
		Iviaterial Gate	59/55 E4/E4	20/47	04/02
	1	LI Langiali Point	54/54	49/4/	nb/59

		At Workplace Noi	se Monitorin	g – in dB(A)	
		Jetty Service Platform	55/52	48/46	62/58
		BOG Compressor House	62/57	59/48	66/60
		Mechanical Workshop	55/51	48/46	60/55
		Gantry Area	56/52	48/46	60/55
		From the above det level is within the lim	tails, it is cor hit prescribed	firmed that th in EPA, 1986.	e overall noise
		Ear plug & ear muffs noise areas through	are provided field rounds.	to the workers	s. Its use in high
	T he second of the Market of the second second	COMPLIED.			te effecte la la la da
х	ensure that the treatment and	is done in offshore/o	nshore/CRZ	isposal of cons areas.	struction debris
	disposal of waste water from various sources is carried out as proposed in the environmental management plan.	Major part of wa considerable quantit during non-routine possible once in blu storage tanks are bu taken to ETP for trea A.	astewater g ty of trade ef activities like le moon as c uilt. In such ca atment and di	eneration is fluent, which is cleaning of t hemical specif ases, the efflue sposal as pres	sewage and s possible only anks, which is fic independent ant generated is scribed in CC &
		Septic tanks/soak pi of sewage.	t systems hav	ve been provid	led for disposal
		Soak Pit			
		• 15 m ³ capacity S	STP installed	at Jetty.	
		 125 m³ capacity of industrial effl routine activitie applicable once 	ETP is provic uent, if any s like clean in blue moon	led for treatme generated as ing of tanks	nt and disposal a part of non- etc. which is
		 In routine, the perfluent is cool diverted to ETI 	orimary sourd ing tower bl P (Guard po	ce of generation ow down, wh and in view o	on of industrial hich is directly f no chemical

		treatmer further Termina	nt is given a use on land I premises in	at cool I for g I compl	ing to arden liance	ower) for es hing/plantatio to CC & A re	tablishing its n within the equirement.
		COMPLIE) .				
xi	The project authorities after the port terminal has been put into operation must monitor air, water and noise quality by establishing monitoring stations in consultation with the state pollution control board and submit the monitoring reports to this ministry at quarterly intervals. The air monitoring interalia must include measurements of such parameters as NOX,	Ambient Air Ambient Air prescribed i (recognition laboratory (C Kadam Envi 28 in the m Summary of period i.e., (C for ready ref	r Quality Mo quality mon n the CC & valid till (Certificate No ronmental Co ain report. f Ambient Ai October 2020 erence-	nitoring A is c 04.01.2 0. TC-7(onsulta r Quali) to Mar	ng – for th carriec 2022) 099, v ants, G aty Mo rch 20	e general pa d out throug and NABI alid till 26.03 Gujarat. Refe pnitoring for p21) is appen	arameters as h MoEF&CC _ accredited .2022) – M/s. r Annexure the reporting ded as below
	SPM and hydrocarbons.	Paramet	GPCB	Aver	age	Minimu	Maximu
	interalia must consist of such parameters as temperature, suspended solid, pH,	er – AAQM	consent ed limit/ NAAQS - ua/m ³	μξ	g/m³	m µg/m³	m µg/m³
	alkalinity, dissolve Oxygen,	PM10	100	70	0.83	63.67	82.00
	biochemical oxygen demand	PM2.5	60	20	0.22	13.67	28.00
	chemical oxygen demand total	SO2	80	8	8.67	7.52	9.34
	organic carbon, oil and	NOx	80	1:	2.33	11.36	13.10
	grease, hydrocarbons and	HCL	200		6.92	0.25	15.98
	heavy metals.	Cl2	100	1:	2.02	1.58	48.94
		CO	4000	110	0.11	957.67	1252.33
		HC	160	1	N.D.	N.D.	N.D.
		NH3	400	!	5.92	3.53	9.24
		H2S	500	1	N.D.	N.D.	N.D.
		CS2	2000	1	N.D.	N.D.	N.D.
		HF	60	1	N.D.	N.D.	N.D.
		All the parar Report of An is attached a <u>Ambient Air</u> Ambient air carried out MANTRA (I Gujarat). Re	neters are we nbient Air Qua as Annexur r Quality Mo quality mor through sch Man Made fer Annexu	ell with ality Mo e 29 ir nitoring edule Textile re 25 i	in the onitori n the for t 1 Env and in the	prescribed ling for the rep main report DC) – the presence vironment Au I Research main report	imit. porting period e of VOC is uditor – M/s. Association, rt.
		Summary of March 2021	fugitive emi is appended	as bel	monito ow for Av	oring for Oct r ready reference verage VOC	ober 2020 to ence. (mg/m3)
		Near Atmo	ospheric Gan	itry		1.14	

	Near Pressurize	Gantry	1.24	1
	Near BOG Area		1.2	5
	Near LPG Tank F	arm	1.32	2
	Near Propane Ta	ink Farm	1.14	1
	Near Py Gas Tar	nk Farm	1.17	7
	Near Methanol T	ank Farm	1.1	5
-	Near Px Tank Fa	rm In Tank	1.1	<u>i</u>
	(Naphtha)	n Tank	1.33	3
	Near Acetic Acid	Tank	1.3	1
	Farm		1.5	1
۲ ۹	o limit prescribed nalytical report o ttached as Anne z	for VOC. f one such kure 26 in t	fugitive emission he main report .	monitoring is
W	orkplace monito	oring –		
	4.01.2022) and N C-7099, valid till onsultants, Gujara nain report. ummary of monito he reporting perio ppended as below	IABL accred 26.03.2022 at –details at oring of haza od i.e., (Octo <i>y</i> for ready re	ited laboratory ()– M/s. Kadam tached as Anne : rdous chemical a ober 2020 to M oference.	Certificate No. Environmental (ure 27 in the t workplace for arch 2021) is
	Hazardous chemical	Average mg/m3	Minimum mg/m3	Maximum mg/m3
	Px	3.59	2.37	5.38
	Methanol	3.12	1.61	6.12
	Hydrocarbon	2.27	1.24	3.11
	Butadiene	ND	ND	ND
	Acetic Acid	ND	ND	ND
	Caustic Fumes	ND	ND	ND
F	Propylene Oxide	ND	ND	ND
-	Propane	3.96	2.68	6.68
	eport of one suc eriod is attached a oise monitoring ractice is in place evel, within the cor erimeter through I	ch workplace as Annexur = e for monito nplex at work MoEF&CC a	e monitoring for e 27 in the mai ring of Noise lev cplace as well as nd NABL recogni	the reporting n report. rel, at periodic at the extreme zed third party
	ractice is in place vel, within the cor erimeter through I s well as by intern	e for monito nplex at worl MoEF&CC a al resource a	ring of Noise lev kplace as well as nd NABL recogni and records are r	el, at periodic at the extreme zed third party naintained.

		Summ to Mai	nary of noise lev rch 2021) is pre	vel r eser	monitoring fo nted as below	r the p w for re	eriod ((eady re	October 2020 eference.
		Δrea	/l ocation		Average	Minir	num	Maximum
		Amb	ient Air Noise	e Mo	onitoring – E	DAY/N	IGHT i	n dB(A)
		Near	by Store		56/52	52/47	7	66/62
		Main	Gate		58/53	54/49)	62/59
		Mate	erial Gate		59/55	56/47	7	64/62
		Land	Ifall Point		54/54	49/47	7	66/59
		At W	orkplace Nois	se N	Monitoring –	∙ in dB	(A)	
		Jetty	Service Platfor	rm	55/52	48/46	6	62/58
		BOG Hous	Compress	sor	62/57	59/48	3	66/60
		Mech Work	nanical (shop		55/51	48/46	6	60/55
		Gant	ry Area		56/52	48/46	6	60/55
xii	To improve the socio- economic environment, the project management must	COM The fo taken TDO/I	s within the lim PLIED. ollowing socio - up in the DDO/District Co	it pr - ec Lak ollec	rescribed in E conomic uplifi chigam villag ctor.	EPA, 1 tment a ge in	986. activitie cons	es have been ultation with
	the medical and drinking water	SN	Facilities	Evi	idence – Re	fer	Cost	incurred
	project management must extend their help to improve the medical and drinking water facilities to the people in the nearby villages under programme of welfare activities. Schemes for apprenticeship training should also be explored, leading to availability of technical man- power from among the local people. Efforts should also be made to raise social set up of the village people through	1	Offering employme nt from nearby community /population	-			+80% emplo Non- Super level nearb comm ulation kind ongoi enabl	oyment in visory is from y nunity/pop n. This is a of an ng ement.
	subsidies.	Follow 2020 t	ving activities w to March 2021	vere –	e carried out u	under (CSR dı	uring October
		SN	Facilities		Evidence – You may ple	ease r	efer	Cost incurred
		1	Construction of Houses fo BPL Families (10 + 20 = 30 Houses)	or i s : 0 0	Annexure 7 main report Sarpanch - dated 14.10.	19: in letter –Lakhi 2020	the from igram	Rs. 42.02 +Rs. 74.42 = Rs.116.4 4 Lakhs

					D 00
		2	Donation to Seva Rural Trust,Jhagadi a for installation of Bio Optical Meter	Annexure 20: Letter dt. 03.10.20 from Sewa Rural trust is attached.	Rs. 30 Lakhs
		3	Donation to Civil Hospital for setting up New Born Hearing Centre Services	Annexure 21: Letter dt. 27.11.20 From Gujarat CSR Authority is attached	Rs. 3.42 Lacs
		4	Construction of 40 nos. of houses for BPL Families	Annexure 22: Letter dt. 20.10.20 from TDO is attached	Rs. 126 lacs (In progress)
		5	Construction of Sub health Centre at Lakhigam	Annexure 23: Letter dt. 31.12.20 from TDO is attached	Rs. 50 Lacs (In progress)
		The of	her key CSR act	ivities includes –	
		• D H	onation of hear ospital, Bharuch	ing aids for new born ba – 4.32 Lacs	abies at Civil
		• D R	onation of State ural Hospital, Za	of the art Optical Bio-Me ghadiya, Bharuch	ter to SEWA
		 C P Vi 	ontribution to De lay area equipn	en Special Education Trus nents for 4 schools near	t – 2.50 Lacs by Lakhigam
		• C La	onstruction of Li	brary building with infrastru	ucture – 9.12
		Total socioe was @	expenditure in conomic activitie INR 3.63 crore.	curred as a part of es during October 2020 to	CSR and/or March 2021
		СОМ	PLIED.		
xiii	A comprehensive disaster management plan based on studies related to damage of port property caused by	Disast Plan is	er Management s in place.	Plan (DMP) / On-Site Eme	rgency Action
	accidents and/or fire, spillages/leakages and				

	submitted to this ministry within six months for its approval.	 Bharuch district DMP is prepared by the district administration. Copy of relevant pages are attached as Annexure 58 in the main report. Site level On-Site Emergency Action Plan is prepared and was last reviewed in January 2021. Copy of plan – Index Page is attached as Annexure 59 in the main report. Copy of the plan had been submitted to the office of Directorate of Industrial Health and Safety (DISH) vide our letter—dated 08.02.2021.
xiv	An environmental management cell with suitably qualified people to carry out various functions must be set up to have sufficient in-house capability to monitor and implement the programmes related to pollution control and environmental conservation.	A separate environment management cell headed by Head – HSEF and supported by an Environment Manager / HSE Manager. The position titled as HSE Manager is currently occupied by Mr. Hemant Singh – M. Tech. (Environmental Science and Engineering) Detailed organogram of HSEF department as on date is appended as below for ready reference. GUJARAT CHEMICAL PORT TERMINAL COMPANY LIMITED ORGANIZATIONAL CHART - HSEF Department MANAGING DIREC TOR Head of Operation Head HSEF (1) Head HSEF (1) Manager HSEF (4) Supervisor (1)
		Firemen DCO Fire Pump ETP Operator - working with 22+8 7 Operator (3) Team Operation

		COMPLIED) .				
XV	The quality of treated effluents, solid wastes, emissions and noise levels etc. must confirm to the standards laid down by the	Quality of tre levels etc. r competent a board and u	eated ef must co authoriti nder the	ffluent onfirm es inc e envir	ts, solid wa to the sta cluding cer ronment (P	andards laid o andards laid o ntral/state poll Protection) Act	ns and noise down by the ution control -1986.
	competent authorities	Workplace	monito	ring –	-		
	pollution control board and under the environment (Protection) Act-1986, whichever are more stringent.	Workplace monitoring for presence of hazardous chemicals any is carried out through MoEF&CC (recognition valid 04.01.2022) and NABL accredited laboratory (Certificate N TC-7099, valid till 26.03.2022)– M/s. Kadam Environmen Consultants, Gujarat –details attached as Annexure 28 in the main report. Summary of monitoring of hazardous chemical at workplace to the reporting period i.e., (October 2020 to March 2021) appended as below for ready reference.					chemicals, if tion valid till ertificate No. nvironmental Jre 28 in the workplace for rch 2021) is
		Hazardo chemica	us al	Av m	erage g/m3	Minimum mg/m3	Maximum mg/m3
		Px		3	3.59	2.37	5.38
		Methano	ol	3	3.12	1.61	6.12
		Hydrocarb	oon	2	2.27	1.24	3.11
		Butadier	ne		ND	ND	ND
		Acetic Ac	cid		ND	ND	ND
		Caustic Fu	mes		ND	ND	ND
		Propylene C	Dxide		ND	ND	ND
		Report of o period is atta <u>Ambient Ain</u> Ambient Air prescribed in (recognition laboratory (C Kadam Envin 28 in the m Summary of period i.e.,	ne suc ached a quality n the C valid Certifica ronmen ain rep f Ambie (Octobe	h wor s Ann monin CC & till C te No. tal Co port. ent Air er 202	rkplace mo nexure 27 nitoring – toring for t A is carrie 04.01.2022 TC-7099, onsultants, Quality M 20 to Mar	onitoring for t in the main he general pa ed out through) and NABL valid till 26.03 Gujarat –Refe lonitoring for ch-2021) is a	he reporting report. arameters as h MoEF&CC - accredited .2022) – M/s. r Annexure the reporting appended as
		Paramet er – AAQM	GF conse d lir	PCB ente nit -	 Average µg/m3	Minimum μg/m3	Maximu m µg/m3
		PM10	μg	100	70.83	63.67	82.00
		PM2.5		60	20.22	13.67	28.00
1	1	II SO2	1	80	8.67	1 (.52	9.34

	NOx	80	12.33	11.36	13.10
	HCL	200	6.92	0.25	15.98
	Cl2	100	12.02	1.58	48.94
	CO	5000	1100.11	957.67	1252.33
	HC	160	ND	ND	ND
	NH3	400	5.92	3.53	9.24
_	H2S	500	ND	ND	ND
_	CS2	2000	ND	ND	ND
_	HF	60	ND	ND	ND
	Practice is ir level, within t perimeter thr as well as by	n place for m the complex a rough MoEF& / internal reso	ionitoring of t workplace CC and NA urce and re	⁻ Noise level as well as at BL recognize cords are ma	l, at periodic the extreme ed third party aintained.
a: Sio	ummary of March 202	noise level me 21) is presente	onitoring for ed as below	the period (C for ready re	October 2020 ference.
t	Summary of to March 202 Area/Locat	noise level mo 21) is present tion	onitoring for ed as below Average	the period (C for ready re Minimu m	October 2020 ference.
	Summary of o March 202 Area/Locat Ambient A	noise level mo 21) is present tion ir Noise Mon	onitoring for ed as below Average itoring – D	the period (C for ready re Minimu m AY/NIGHT in	October 2020 ference. Maximum n dB(A)
t	Summary of to March 202 Area/Locat Ambient A Nearby Sto	noise level mo 21) is present tion ir Noise Mon re	Average itoring – D	the period (C for ready re Minimu m AY/NIGHT in 52/47	Maximum n dB(A)
	Summary of o March 202 Area/Locat Ambient A Nearby Sto Main Gate	noise level mo 21) is present tion ir Noise Mon re	Average itoring – D 56/52 58/53	the period (C for ready re Minimu m AY/NIGHT in 52/47 54/49	Dctober 2020 ference. Maximum n dB(A) 66/62 62/59
S	Summary of D March 202 Area/Locat Ambient A Nearby Sto Main Gate Material Ga	noise level mo 21) is present tion ir Noise Mon re	Average itoring – D 56/52 58/53	the period (C for ready re Minimu m AY/NIGHT in 52/47 54/49 56/47	Detober 2020 ference. Maximum 1 dB(A) 66/62 62/59 64/62
	Summary of to March 202 Area/Locat Ambient A Nearby Sto Main Gate Material Ga Landfall Po	noise level mo 21) is present tion ir Noise Mon re ate	Average itoring – D. 56/52 58/53 59/55	the period (C for ready re Minimu m AY/NIGHT in 52/47 54/49 56/47 49/47	Detober 2020 ference. Maximum n dB(A) 66/62 62/59 64/62 66/50
	Summary of to March 202 Area/Locat Ambient A Nearby Sto Main Gate Material Ga Landfall Po At Workpla	noise level mo 21) is present tion ir Noise Mon re ate int ace Noise Mo	Average itoring – D 56/52 58/53 59/55 54/54	the period (C for ready re Minimu m AY/NIGHT in 52/47 54/49 56/47 49/47 in dB(A)	Detober 2020 ference. Maximum n dB(A) 66/62 62/59 64/62 66/59
	Summary of to March 202 Area/Locat Ambient A Nearby Sto Main Gate Material Ga Landfall Po At Workpla Jetty Service	noise level mo 21) is present tion ir Noise Mon re ate int ace Noise Mo	Average itoring – D 56/52 58/53 59/55 54/54 onitoring – i	the period (C for ready re Minimu m AY/NIGHT in 52/47 54/49 56/47 49/47 in dB(A) 48/46	Detober 2020 ference. Maximum n dB(A) 66/62 62/59 64/62 66/59
	Summary of to March 202 Area/Locat Ambient A Nearby Sto Main Gate Material Ga Landfall Po At Workpla Jetty Servic BOG	noise level mo 21) is present tion ir Noise Mon re ate int ace Noise Mo ce Platform	Average itoring – D. 56/52 58/53 59/55 54/54 onitoring – I 55/52	the period (C for ready re Minimu m AY/NIGHT in 52/47 54/49 56/47 49/47 in dB(A) 48/46	Dectober 2020 ference. Maximum n dB(A) 66/62 62/59 64/62 66/59
	Summary of to March 202 Area/Locat Ambient A Nearby Sto Main Gate Material Ga Landfall Po At Workpla Jetty Servic BOG House	noise level mo 21) is present tion ir Noise Mon re ate int ace Noise Mo ce Platform Compressor	Average itoring – D 56/52 58/53 59/55 54/54 onitoring – i 55/52 62/57	the period (C for ready re Minimu m AY/NIGHT in 52/47 54/49 56/47 49/47 in dB(A) 48/46 59/48	Detober 2020 ference. Maximum n dB(A) 66/62 62/59 64/62 66/59 62/58 66/60
	Summary of o March 202 Area/Locat Ambient A Nearby Sto Main Gate Material Ga Landfall Po At Workpla Jetty Servic BOG House Mechanical	noise level mo 21) is present tion ir Noise Mon re ate int ace Noise Mo ce Platform Compressor	Average itoring – D. 56/52 58/53 59/55 54/54 onitoring – i 55/52 62/57 55/51	the period (C for ready re Minimu m AY/NIGHT in 52/47 54/49 56/47 49/47 in dB(A) 48/46 59/48 48/46	Detober 2020 ference. Maximum n 66/62 62/59 64/62 66/59 62/58 66/60 60/55
	Summary of to March 202 Area/Locat Ambient A Nearby Sto Main Gate Material Ga Landfall Po At Workpla Jetty Servic BOG House Mechanical Gantry Area	noise level mo 21) is present tion ir Noise Mon re ate int ace Noise Mo ce Platform Compressor I Workshop a	Average itoring – D 56/52 58/53 59/55 54/54 onitoring – i 55/52 62/57 55/51 56/52	the period (C for ready re Minimu m AY/NIGHT in 52/47 54/49 56/47 49/47 in dB(A) 48/46 59/48 48/46	Dectober 2020 ference. Maximum n dB(A) 66/62 62/59 64/62 66/59 62/58 66/60 60/55 60/55
	Summary of to March 202 Area/Locat Ambient A Nearby Sto Main Gate Material Ga Landfall Po At Workpla Jetty Servic BOG House Mechanical Gantry Area From the ab level is within	noise level mo 21) is present tion ir Noise Mon re ate int ace Noise Mo ce Platform Compressor Workshop a bove details, i n the limit present meter of treat	Average itoring – D. 56/52 58/53 59/55 54/54 onitoring – i 55/52 62/57 55/51 56/52 t is confirm scribed in E	the period (C for ready re Minimu m AY/NIGHT in 52/47 54/49 56/47 49/47 in dB(A) 48/46 59/48 48/46 48/46 ed that the open of the formation	Maximum n dB(A) 66/62 62/59 64/62 66/60 60/55 60/55 overall noise

		KADAM ENVIRONMENTAL CONSULTANTS An ISO 9001-2015 Certified Company (MoEF Approved) Of 1/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10, Phone: (O) 0265 - 6131000, 6131001 (MoEF Approved) ENVIRONMENTAL MONITORING REPORT ENVIRONMENTAL MONITORING REPORT Laboratory Test Report - EFFLUENT EABORATORY TEST REPORT - EFFLUENT Company Marcia Clarge Marcing Marcia E Address of Clarge: Marcing Marcing Marcing Marcing		
		P.O. Lakhigam Via: Dahig, Tati. Vagan, Diet. : Bhanch. – 392130. 2. Sample Diz 2044628246 – 082DC20EF02 3. Client Representative: Mr. Jigar Patel 4. Sample Date: 10.12.0200 5. Sample Collected By: Mr. Ymal		
		6. Reporting Date: 29.12.2020 9. Discipline : Chemical Chemical Construct 10. Packing Condition & Quantity: Sealed ✓ 11. Group : Pollution and Environment 12. Sampling Location : ETP Outlet 13. Product: Waste Water		
		List List List List TEST RESULTS 5.No. Parameters Mail (SL) Results Specification/ SPECA Rommi, INS Standards Mathod Used		
		1. pH : 7.94 6.5 - 8.5 APHA: 23 th Edition 4500-H th B 2. Temperature °C : 28 40 APHA: 23 th Edition 2550 B 3. Colour Pt-CO : 10 APHA: 23 th Edition 2520 B 1.00 APHA: 23 th Edition 2120 B : 100 APHA: 23 th Edition 2120 B		
		Notal Disoversi Solutis Img/L 1 Ib.S.2 2.100 APHA: 23 rd Edition 2540 D 5. Suspended Solids mg/L 2 26 100 APHA: 23 rd Edition 2540 D 6. COD mg/L 1 37 100 APHA: 23 rd Edition 5220 B 7. BOD (3 days at 27 °C) mg/L 1 19 30 IS 3025 (Part 44): 1993		
		8. OI & Grease mg/L : <1		
		11. Chlorides mg/L : 138 600 P4P4x : 23 ⁴⁴ Edition 4500 CL B 12. Sulphates mg/L : 841 1000 AP44x : 23 ⁴⁴ Edition 4500 SO ⁵⁴ E 13. Sulphates mg/L : <1 2 IS 3025 (Part − 29): 1986 14. Total Chromium mg/L : <1.0 AP44x 23 ⁴⁶ Edition 3500 Cr − 8		
		15. Hexavalant Chromium mg/L : <0.02		
		Remark : Designation : Lab Incharge Name : Spans Amin Designation : Lab Incharge NoTE: 10: Realitysis of anyong with wells, but only in full and only with wellsn approval of the laboratory. Realitysis of anyong with wellsn approval of the laboratory. NoTE: 10: Realitysis of anyong with wellsn approval of the laboratory. Realitysis of anyong with wellsn approval of the laboratory. 3) The results reported during anyong. Revision Over Callet to the sample identified under Sample Details. Beautysis of sample if the samples are not consumed during anyong. Revision Revi		
		COMPLIED.		
xvi	The project authorities must strictly adhere to the stipulations made by the state pollution control board, the state government and Chief Controller of Explosives, Nagpur.	All necessary permission have been obtained from various relevant statutory bodies such as PESO, DISH, GIDC, Pollution Control Boards etc. for the import, storage and handling of hazardous chemicals and the condition stipulated there in are being complied with. COMPLIED.		
xvii	Any expansion of the project	Latest approval details -		
	prior approval of this ministry.	"Expansion of the existing Isolated Chemical Storage capacity from existing 4, 84,614 KL to 7, 22,903 KL and modification of the existing Jetty" granted by SEIAA vide letter no. SEIAA/GUJ/EC/6(b) & 7(e)/28/2016 dated 27.01.2016.		
		Expansion of existing jetty & storage terminal capacity' at Gujarat Chemical Port Terminal Company Limited (GCPTCL) at GIDC, Dahej, Taluka Vagra, District Bharuch, Gujarat by M/s Gujarat Chemical Port Terminal Company Limited — Environmental and CRZ Clearance dated 11.11.2020. COMPLIED .		
3	Adequate financial provision for environmental management must be made for implementation of the above stipulations. The funds ear-marked for the environmental protection	Budgeting for Environment protection measures and CSR including socio-economic constitutes a part of overall budget plan and sufficient funds are earmarked every year for environmental management program including monitoring and analysis.		

	measures should not be	Environment Budget: 2020 – 21	
	diverted for other purposes	SN Item	INR - Lakh
	and year-wise expenditure	1 Environment monitoring &	
	should be reported to this	Hazardous waste management	13.45
	ministry.	2 Oil spill response	54.69
		3 Green belt/horticulture	19.00
		4 Housekeeping	19
		5 Drain cleaning	1.0
		Total - Lakhs	107.14
		COMPLIED.	
4	The ministry or any other	Noted.	
	competent authority may		
	stipulate any further		
	conditions for environmental		
	safeguards subsequently, if		
	deemed necessary.		
5	In case of any	Noted.	
	deviation/alterations in the		
	project proposal from those		
	clearance these stipulations		
	may be modified and or new		
	ones imposed or Environment		
	clearance may be reveked for		
	ensuring environmental		
	protection		
6	These stipulations will be	Noted	
Ũ	enforced among others under	Noted.	
	the Water (Prevention &		
	Control of Pollution) Act-1974		
	The Air (Prevention & Control		
	of Pollution) Acr-1981 and the		
	Environment (Protection) Act-		
	1986.		