Pro-Active and Responsive Facilitation by Interactive,

Single-Window Hub

Environmental

Virtuous





Government of India Ministry of Environment, Forest and Climate Change (Issued by the State Environment Impact Assessment Authority(SEIAA), Gujarat)

To,

The Sr. Manager - Environment

M/s Vedanta Limited(Division Cairn Oil & Gas)

Cairn Oil & Gas, Vedanta Limited, DLF Atria, DLF Phase-2, DLF City, Gurgaon, Haryana - 122002 Cairn Oil & Gas, Vedanta Limited, DLF Atria, DLF Phase-2, DLF City, Gurgaon, Haryana - 122002 -122002

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/GJ/IND2/254470/2022 dated 22 Mar 2022. The particulars of the environmental clearance granted to the project are as below.

EC22B002GJ134206 1. EC Identification No. 2. File No. SIA/GJ/25802/2022

3. **Project Type** New 4.

Category

Project/Activity including 5. 1(b) Offshore and onshore oil and gas Schedule No. exploration, development & production

Onshore Oil and Gas Exploration of Susan Appraisal and Early Production in CB-ONHP-2018/3 block (519.17 km2) in Onshore Oil and Gas Exploration and 6. Name of Project Kheda & Anand districts of Gujarat

7. Name of Company/Organization M/s Vedanta Limited(Division Cairn Oil &

Gas)

8. **Location of Project** Gujarat 9. **TOR Date** N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

(e-signed) Prakash K. Majmudar Date: 10/11/2022 **Member Secretary** SEIAA - (Guiarat)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

This is a computer generated cover page.

NISCHAL JOSHI MEMBER SECRETARY SEIAA (GUJARAT)



STATE LEVEL ENVIRONMENT **IMPACT ASSESSMENT AUTHORITY GUJARAT**

No. SEIAA/GUJ/EC/1(b)/ /2022 2657

Date:

0 7 NOV 2022

By R P A D

Time Limit

Sub: Environment Clearance to M/s. Vedanta Ltd. (Div: Cairn Oil & Gas)for setting up Onshore Oil and Gas Exploration, Appraisal and Early Production at CB-ONHP-2018/3 Hydrocarbon block, District: Kheda & Anand, State: Gujarat.. In Category 1(b) of Schedule annexed with EIA Notification dated 14/09/2006.

Ref: Your Proposal No. SIA/GJ/IND2/254470/2022.

Dear Sir,

This has reference to your application alongwith form-1 dated 04/08/2020, Pre-Feasibility Report, Environment Management Plan and other supporting documents dated 27/01/2021 submitted to SEIAA, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006.

The proposal is for Environmental Clearance to onshore Oil and Gas Exploration in the Appraisal and early production in the Block CB-ONHP-2018/3 in Kheda & Anand Districts, Gujarat. It is a proposed project is onshore Oil and Gas Exploration, Appraisal and Early Production in the Block CB-ONHP-2018/3 in Kheda & Anand District, Gujarat. The block CB-ONHP-2018/3 located in Kheda & Anand District, Gujarat. It encloses an area of519.17Sq.Km. and is bounded by the points having following coordinates provided in below Table. The proposed project is green field in nature. The proposed onshore oil and gas exploration & appraisal and early production is expected to carry out Drilling of 57 Nos. of exploratory (including appraisal) wells and the exploratory and appraisal wells will be drilled to explore the reservoirs up to a depth of 3500-5000 m approx. After successful drilling and discovery of hydrocarbon, 12 Nos. of Early Production Units (EPUs)/ Quick Production Units (QPUs) for produced well fluid processing and early production of up to 24,000 BOPD crude oil & natural gas of 40 MMSCFD will be set up.

Table 1: Apex Co-ordinates of Block CB-ONHP-2018/3 boundary (as per RSC)

2 m m ()	<u> </u>		(20 ps. 1100)
Apex	Points	Longitude	Latitude
	1.	72° 45' E	22° 30' N
	2.	72° 53' E	22° 30' N
	3.	72° 53' E	22° 31′ N
	4	72° 58' E	22° 31' N
	5.	72° 58' E	22° 23' N
	6.	72° 51' E	22° 23' N
	7.	72° 51' E	22° 24' N
	8.	72° 45' E	22° 24' N
	9.	72° 45' E	22° 23' N
	10.	72° 41' E	22° 23' N
	11.	72° 41' E	22° 25' N
Ep.	12.	72° 40' E	
	13.	72° 40' E	22° 25' N
	14.	72° 39' E	22° 27' N
	15.	72° 39' E	22° 27' N
	16.	72° 41' E	22° 33' N
	17.	72° 41' E	22° 33' N
	18.	72° 45' F	22° 38' N
		and Taluka/Tobail as falls	22° 38' N

ons with Village and Taluka/Tehsil as follows:

wesed Well Locations with coordinates, land use, distance from major water bodies, human habitat, roads, protected areas in District Kheda

Office: Gujarat Pollution Control Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010

Phone No.:- (079) 232-32152,232-41514 Fax No.:-(079) 232-22784 E-mail: msseiaagj@gmail.com, Website:- www.seiaa.gujarat.gov.in

SF SF

Page 1 of 14

S. N o.	Well ld	Latitude (N)	Longitude (E)	Village	Taluka/ Tehsil	Distri	Present Land use	Infrastructur	Forest/ Wildlife Sanctua ry/ National Park		Major human establishm ents etc	Industri es etc
1.	1.	22°37'32.0 4"	72°41'29.8 0"	Nandoli	Matar	Khed a	Agricultu ral Land		None	Bhadkad Lake, 1.81 km, SE	Village, 1.48 km, SW	None
2.	3.	22°35'32.6	72°41'14.4 0"	Dethli	Matar	а	Agricultu ral Land	Dethli Vill. to Maghrol Vill. Rd, 0.5km, W	None /	Bhadkad Lake, 2.71 km, NNE	NNW	None

Proposed Well Locations with coordinates, land use, distance from major water bodies, human habitat, roads,

forest, protected areas in District Anand

	Well Id	tected are Latitude (N)	Longitud e (E)		Taluka / Tehsil	Distr ict	Present Land use	Road Infrastructur e	Forest/ Wildlife Sanctu ary/ Nationa I Park	Nearest River/ Water bodies	establish ments etc	Industr ies etc
	2.	22°37'28. 31"	72°44'24. 98"	Deva	Sojitra	Anan d	Agricult ural Land	Deva Rd, 0.48km, SSE	None	Deva Lake, 0.52km, SW	Deva () Village, 0.80 km, SW	None
	4.	22°35'15. 48"	72°44'5.3 5"	Dabhou	Sojitra	Anan d	Agricult ural Land	Dabhou Malataj Rd, 0.66 km, SSW	None	Canal Nr. Dabhou Vill, 0.50 km, NNE	Dabhou Village, 1.79 km, WSW	None
	5.	22°33'0.7 3"	72°41'21. 38"	Meghalp ur	Sojitra	Anan d	Agricult ural Land		None	Sojitra Lake, 3.26 km, ESE	Meghalpur Village, 1.58 km, NW	Polybo nd Resin indiff
1.	6.	22°31'20 12"	72°39'41. 98'	Gada	Sojitra	Anar d	Agricul ural Land	Gada Sinjiwada Rd, 0.85km NNW	None	Canal Nr. Sinjiwada, 0.61km, NNE	l Patti	km, SW
5.	7.	22°32'15 87"	5. 72°44'28 50"	Sojitra	Sojitra	Ana d	Agricu ural Land	Road, 0.52	2 None	Mahi Canal, 0.48 km, NW	Sojitra Town, 1.60 km, W	2.1 km ENE
6.	8.	22°27'2' 06"	7. 72°40'13		j Petla	d Ana	Agricu ural Land	Road, 1.0	9	Canal Nr Sansej, 0.46 km SSE	Village,	km, WNV
7	. 9	. 22°28'4 33"	.3. 72°39'2' 94"	0. Tarapı	ur Tara	pu An	an Agric ura Lan	Hwy), 0.5	at None	Tarapu Lake, 0. km, NN	72 Town, 0.1	76 Ind,
8	3. 1	0. 22°25'-	1.2 72°41'2 34"	29. Sunda	ara Petl	24	Agric ura d Lar	Road, 0.	a Non	km, N	90 0.92 km E ENE	Nor
-	9. 1	22°23'	28. 72°43'5	51. Fina	Kha	mb Ar	nan Agrid		INUI	e Canal N Jalsar		

-	_								Land	Road, 0.4 km, E	9	0.34 kr NW	n, 0.52 km NNW	1,
1	10.	12.	22°24'3 98"	4. 72°46'1 88"	13. Vada	dla Pet	lad A	nan d	Agricul ural Land	Vadadla Virsad Village Roa 0.52 km, V	nd, Non	e Lake N Vahera Mataji Temple 0.63 km SW	r. Vadadla Village, e, 1.58 km	None
1	1. 1	13.	22°25'3. 7"	4 72°51'1 01"	5. Dabha	asi Bors	saor	nan d	Agriculi ural Land	SH-8, 0.44 km, S	1 None	Dabhas	Village,	None
1	2. 1	4.	22°23'23 21"	3. 72°53'2 2"	.2 Kansa	ari Khai ha	mb Ar	nan d	Agricult ural Land	Borsad Dhuvaran Road, 0.58 km, SE		Kansar Lake, 0.5 km, WS\	i Kansari 59 Village,	None
1:	3. 1	5.	22°24'49 63"	72°56'2 10"	5. Davo	Bors	aoi	nan d	Agricult ural Land	CH o		Canal N Davol, 0.94 km NW	Davol	None
14	1. 16	5.	22°26'21 24"	. 72°56'49 26"	Pamo	Bors	ad An	an L	Agricult ural Land	Davol Road 0.42 km, WNW	None	Pamol		9.86 km,
15	j. 17	7.	22°30'09 67"	72°56'59 38"). Navli	Anan	ad An	an	Agricult ural Land	NH-228, 0.3 km, NW	7 None	Canal Nr Navli, 0.4 km, SSE	2 Village,	SSE Sears Equipm ent, 3.73 km, SE
16	. 18	. 2	22°30'1.4 0''	72°54'18 24"	. Meghva Gana	a Anan	d Ana	an	Agricult ural Land	Karamsad Nahapa Road, 0.79 km, ENE	None	Ghana Lake, 1.26 km, ENE	Meghva Village, 0.38 km, SE	Sears Equipm ent, 3.13 km, SW
17.	19.	. 2	22°28'46, 54"	72°50'1.3	Fangan	Petlad	d Ana	an	Agricult ural Land	Fangani Dantali Road, 0.48 km, NNW	None	Fangani Reservior, 0.77 km, NE	Fangani Village, 0.47 km, NE	None
18.	20.	2	22°29'0.5 0"	72°46'16. 33"	Petlad	Petlac	d		Agricult ural Land	Amod Petlad Road, 1.07 km, NNW	None	Amod Lake: 2.48 km, WNW	Petlad	None
19,	21.	2	2°29'47. 59"	72°42'34. 05"	Runaj	Sojitra	Ana d	n F	Agricult ural Land	Kothavi Nar Village Rd, 0.40km, WNW	None	Runaj Lake, 0.93 km, WNW	Runaj Village, 0.62 km, WNW	Polybo nd Resin Ind. 3.5 km,
20.	22.	22	2°27'11. 07"	72°43'52. 32"	Manej	Petlad	Anai d		Agricult ural Land	Pandoli /lanej Village Road, 0.60 km, NW	None	Pandoli Lake, 1.59 km, ENE	Pandoli Village, 1.78 km, NE	None
1.	23.	22	2°26'40. 61"	72°46'44. 94"	Jogan	Petlad	Anar d	1	gricult ural Land	SH-89, 0.93 km, E	None	Canal Nr. Jogan, 0.78 km, ESE	Jogan Village, 1.00 km, ESE	None
2.	24.	22	2°25'36. 59"	72°53'29. 77"	Borsad	Borsad	Anan d		gricult ural _and	Boarsad Bypass Road, 0.56 km, NNE	None	Lake on Petlad Borsad Rd, 0.54 km, NNW	Borsad Town, 0.74 km, SE	None
3.	25.		°28'15. 64"	72°53'49. 10"	Nahapa	Borsad	Anan d	i	gricult ural and	Nahapa Surkuva Road, 0.62 km, N	None	Canal Nr. Nahapa Village,		Sears equipm ent, 5.07

Office: Gujarat Pollution Control Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010 Phone No.:- (079) 232-32152,232-41514 Fax No.:-(079) 232-22784 Page 3 of 14

E-mail: msseiaagj@gmail.com, Website:- www.seiaa.gujarat.gov.in

File No. - SIA/GJ/25802/2022 Date of Issue EC - 10/11/2022

4.	26.			72°48'3	1. Dha	armaj	Petlad	Anar d	ין וי	ricult ural	SH-8, 0.4 km, NNE		lone		1.35	Dharmaj Village, .32 km, W	None
1 .	27.	22°2	3" 23'24.	72°55'3 8"	6		Mahud ha		n Ag	and gricult ural and	SH-11, 0.7 km, NNE	75	None	Nis Lake	raya	Vasna Village, 0.43 km, WSW	None
26.	28.	22°:	28'3.5 4"	72°52'3 08"	35. Su	rkuva	Petlad	Ana d	n A		Ashi Surki Road, 0.6 km in N	30 1	None	Lake	kuva e, 1.05	Surkuva Village, 0.98 km, NE	Sears Equipm ent, 7.07 km, SSW
27.	29.		27'18. 95"	72°50'-	45. Si	marda	Petlad	Ana	an	gricult ural Land	Simarda <i>F</i> Road, 0. km, NN	42	None	Viro	nal Nr. d: 0.44 n in E	Simarda Village, 1.05 km, WNW	None
28.	30.		°28'52. 34"	72°44' 6"	8.5	Amod	Petlac	An	an	gricult ural Land	Amod N Road, 0 km, N	63	None	A 0.4	nal Nr. mod, I3 km, NW	Amod Village, 1.17 km, NE	None
29	. 31	. 22	°28'9.4 7"	72°42 5"	0.1	Nar	Petla	d An	an	Agricult ural Land	Nar Ro 0.38 km,		None	T	Joga alav, 56 km, NE	Nar Town, 0.73 km, ENE	None
30). 32	22	2°35'40 20"	. 72°42 03		abhou	Sojitr	.a	ian '	Agricult ural Land	Dabho Alindra R 0.46 k SSW	oad, m,	None	Lal	abhou ce, 1.21 m, SE	Dabhou Village, 0.89 km, SSE	None
3	1. 33	3. 22	2°34'5.! 2"	9 72°42		Limbal	Sojiti	ral	nan d	Agriculi ural Land	Sojitr	a ou 1.23	Nil	La	abhou ke, 1.91 m, NE	Limbali Village, 1.89 km,	
3	2. 3	4. 2	2°31'3 ⁻ 45"	7. 72°4 1	1!39.	Dali	Sojit	ra A	nan d	Agricul ural Land	t Gada S Road, km, N	0.28	Nil	Di	anal Nr. ala, 0.52 m, SSE		Polybound Resimulation (1) (2) 16 km, WSW
3	33.	35.	2°29'2 18"	29. 72°4 5	.0'39. 7"	Tarap	ur Tara	apu A	\nan d	Agricu ural Land	km V		Nil	-	Canal Nr. Farapur, 1.78 km, ESE	Town 1	nd r spesir 55
-	34.	36. 🖟	22°26'4 05"N	(2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	42'1.9 "E	Mane	ej Pet	lad	Anan d	Agricu ural Land	km,	NNE	Ni		Manpura ake, 1.2 km, S		
	35.	37.	22°25': 29"	27. 72°	43'26. 3"E	Bhura	koi Pe	tlad	Anar d	Agric ura Lan	Road				Bhurako ake, 1.3 km, SE	37 Vill, 1.3	35 Non
	36.	38.	22°30' 06'	'49. 72 [']	43'45. 18"	Viro	ol Pe	etlad	Ana d	Agric ura Lar	Kot Kha Il Amo	itra- havi- nsol- od Rd, 7km, rSW	No	one	Canal N Kothav 0.58 kn SW	i, Villag n, 1.24 k SW	vi Res e, Ind m, 2.4 km
	37.	39.	22°27 27		°45'20 63"	Pan	doli P	etlad	Ana	Agri ur La	al Roa	Petlac d, 0.8 m, N	8 No	one	Mahi Canal 0.59 kr SSE	I, Villag m, 0.98 I WN	ge, No km, W
	38.	40.	22°26	6'19. 72	2°49'7.: 7"	- 1	nram P	etlad	Ana	La	al Rd, 0	Petla 0.56 ki VSW	m, N	one	Virol La 1.58 k ENE Vadao	m, a Vill, km, N	1.40 No
	39.	41.	22°2		2°45'57 32"_	7. Vac	ladla F	etlac	An			-8, 0.4 n, SW		lone	Lake, 1		

									Lar	nd			km, S	SW 1.24 k	m
														1.24 K	
40	0. 4	2. 22°27 44'		. 72°54'1 5"	.6 Deda	rda B	orsad	Anai d	Agric ura Lan	i	NH-228 (Anand- Borsad Ro 0.54 km, ESE		Dedar Lake: 1 km, S	1.30 Villag	e, ent
41	. 43	59"		72°55'5 06"	6. Naam	an Bo	rsad	Anar d	Agric ura Land	1	Naaman R 0.23 km, NNE	d, Nor	Singla Lake, 1 km, Si	.06 Village	Sear Equip
42	. 44	1. 22°25' 80"	12.	72°55'29	9. Borsa	ad Bo	rsad	Anan d	Agricu ural Lanc		Borsad Bypass Rd 0.43 km, SV	, Non	Cana e 0.34 kr NNW	n, Town, 1.	d 41 None
43.	45	22°24'4 94"	41.	72°52'50 00"). Borsa	d Bo	rsad	Anan d	Agricu ural Land		Tarapur Vasad Hwy (SH-8), 0.58 km, NNW	Non	Bhobh Lake, 1. km, E	a Borsad 07 Town, 1.	
44.	46	22°29'4 25"	12.	72°51'53 92"	Sihol	Pe	tlad '	Anan d	Agricu ural Land		Sinhol Boriy Road, 0.47 km, NNE	a None	Canal N Bhatiel 0.57 km SSE	Village a	Sears Equipo ent, 6. km, WSW
15.	47.	22°28'4 61"	1.	72°56'45 80"	li	Ana	and A	Anan d	Agricul ural Land	P	nand Road 0.54 km, SE	'. None	Nahapa Pond, 2.6 km, W		Sears i Equipr ent.
6.	48.	22°28'1. 7"	.8	72°48'20. 97"	Petlad	Pet	ad A	\nan d	Agricul ural Land	t s	H-140, 0.65 km, W	None	Shekhd Lake, 1.4 km, NW	5 Village,	a
7.	49.	22°29'45 25"	5.	72°50'15. 43"	Petlad	Peti	ad A	nan d	Agricult ural Land	F	Petlad Karamsad Road, 0.48 km, NNW	None	Sherpura Lake, 4.4 km, SW	8 Town, 2.6	
3.	50.	22°24'13 36"	3. 7	72°49'28. 81"	Bhalel	Petla	ad A	nan (Agricult ural Land	F	orel Petlad Road, 0.65 km, WNW	None	Canal Nr Gorel: 0.45 km, SE	. Gorel Village, 0.66 km, SW	None
	51.	22°32'57 18"	. 7	72°43'4.0 9"	Sojitra	Sojit	a 1	nan A	Agricult ural Land	R	Sojitra Dabhou oad, 0.52 m, WNW	None	Sojitra Lake, 0.44 km, SSE	Sojitra	Polybo nd Resin Ind, 1.33 km, SSE
	52.	22°33'28. 96"	7.	2°44'2.7 7"	Trambov ad	Sojitr	a An	1	ogricult ural Land	Da	ambovad lbhou Rd, l4 km, NE	None	Sojitra Lake, 2.25 km, SSW	Trambovad Village, 1.43 km, SE	Polybo
5	53.	22°23'36. 05"	72	2°57'26. 78"	Vaniyap ura	Borsa	d An	a 1 1	gricult ural Land	Ro	rsa Davol pad, 0.42 km, W	None	Davol Lake, 2.65 km, NNW	Vaniyapura Village, 1.60 km, NNE	None
5	4.	22°23'34. 63"	72	2°41'31. 64"	Kanisha	Khami hat	Ana d	211	gricult ural ₋and	Jals	Kanisha san Road, 33 km in SSE	None	Jalsan Lake, 3.23 km, ENE	Kanisha Village, 0.81 km, WSW	None
5:	5.	22°27'19. 56"	72	1°52'9.8 1"	Kavitha	Borsad	Ana d	111 T		Dhu Rd,	imarda Indakuva 0.41km, ENE	None	Dhundaku va Lake, 1.17 km,	Dhundakuv	Sears Equipm ent, 9.3



Office: Gujarat Pollution Control Board, "Paryavaran Bhavari" Sector-10 A, Gandhinagar-382010 Phone No.:- (079) 232-32152,232-41514 Fax No.:-(079) 232-22784 Page 5 of 14 E-mail: msseiaagj@gmail.com, Website:- www.seiaa.gujarat.gov.in

ENE

km,

<u>ss</u>w

km, ENE

ENE

[F4	56.	22 20	72°51'18.	Rudel	Borsad	Anan d	Agricult ural Land	Rudel Borsad Rd, 0.81km, NNE		Rudel Lake, 0.91 km, NNW	Rudel Village, 0.57 km, NNW	Nil	
54.	30.	38"	20"					Davis		Bhadkad	Bhadkad Village,		
55.	57.		72°42'38. 09"		Sojitra		1	Deva Bhadkad Rd, 0.35 km, N d appraisal we	1	Lake, 0.56 km, WSW	0.42 km, WNW	None 2000 m	n
- 1			livel ourfo	ce coordii	nates of	exploi	ratory and	d appraisal we	uman hai	hitat/ water b	ody/ forest/	ESZ.	

Note: Actual geographical surface coordinates of exploratory and appraisal well/Well Pad locations will be within 2000 m radius of the proposed coordinates while maintaining safe distance from major human habitat/ water body/ forest/ ESZ.

The project activities do not involve any forest land. NO proposed well/ drill site is falling in forest land.

The project activity is covered in 1(b) and is of 'B' Category. Since, the project falls in B2 category as per the MoEF&CC's amendment EIA Notification vide S.O. 236(E) dated 16.01.2020, the public consultation is not required as per paragraph 7(i) (III) (i) (e) of the Environment Impact Assessment Notification-2006.

The SEAC, Gujarat vide their letter dated 17/10/2022 had recommended to the SEIAA, Gujarat, to grant the Environment Clearance for the above-mentioned project based on its meeting held on 07/09/2022. The proposal was considered by SEIAA, Gujarat in its meeting held on 01/11/2022 at Gandhinagar. After careful consideration, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14th September, 2006 subject to the compliance of the following conditions.

- 1. Project proponent (PP) shall obtain separate Environmental Clearance for commercial drilling and exploration as this A.1SPECIFIC CONDITION: proposal is for drilling of Exploration activity only as per EIA Notification 2006 and amendment dated 16.01.2020 [Category B2 of activity 1(b)]
- 3. The company shall make all arrangements at the drilling site to prevent runoff of any oil containing waste into the nearby water bodies. Separate drainage system shall be created for oil contaminated and non-oil contaminated. Effluent shall be properly treated and treated waste water shall confirm to CPCB/GPCB standards.
- Drill cuttings separated from drilling fluid shall be adequately washed and disposed according to HWMH rule, 2016. No effluent /drilling mud /drill cutting shall be discharged /disposed off into nearby surface water bodies. The company in Imp shall comply with the guidelines for disposal of solid waste, drill cutting and drilling fluids for onshore drilling operation
- 5. Oil spillage prevention and mitigation scheme shall be prepared. In case of oil spillage/ contamination, action plan shall be be prepared to clean the site by adopting proven technology. The recyclable waste (oily sludge) and spent oil shall be
- 6. After completion of drilling activities, in case of non-availability of hydrocarbons the site shall be restored back to the normal condition as per the prevailing Rules/Guidelines/Site restoration policy.
- 7. PP shall adopt best drilling practices and drilling operations shall be designed in such a way that there is no chance of contamination of ground water aquifer.
- 8. PP shall take all precautionary measures to avoid any contamination of ground water.
- The National Ambient Air Quality Emission Standards issued by the Ministry vide G. S. R. No. 826 (E) dated 16th
- 10. Unit shall have to adhere to the prevailing area specific policies of GPCB with respect to the discharge of pollutantsand shall carry out the project development in accordance & consistence with the same.
- 11. The project proponent must strictly adhere to the stipulations made by the Gujarat Pollution Control Board, State
- 12. The company shall develop a contingency plan for H2S release including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H2S detectors in locations of high risk
- 13. Company shall prepare operating manual in respect of all activities, which would cover all safety & environment related issues and measures and measures to be taken for protection. One set of environment manual shall be made available at the drilling site/project site. Awareness shall be created at each level of management. All the schedules and results of environmental monitoring shall be available at the project site office. Remote monitoring of site should be done.

14. Safety & Health:

a. PP shall carry out mock drill within the premises as per the prevailing guidelines of safety and display proper

- evacuation plan in the manufacturing area in case of any emergency or accident.
- PP shall take all the necessary steps for human safety within premises to ensure that no any harm is caused to any worker/employee or labor within premises.
- The consequence arising out of incidents such as Well Blow Out, Fire, Explosion, Natural Calamities etc. shall be accurately predicted with the help of latest technique available by various Risk Analysis Studies and unit shall submit Disaster Management Plan (DMP) to the concern authority based on such probable scenarios.
- d. Personal Protective Equipment (PPEs) shall be provided to workers and its usage shall be ensured and supervised.
- First Aid Box shall be made readily available in the unit.
- Occupational health surveillance of the workers shall be done and its records shall be maintained. Preemployment and periodical medical examination for all the workers shall be undertaken on regular basis as per Factories Act & Rules.
- The company shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as
- Blow out preventer system shall be installed to prevent well blowouts during drilling operations
- Emergency response plan shall be based on the guidance prepared by OISD, DGMS and Govt. of India.

- 15. Total water requirement for the project shall not exceed 87 KLD per well drilling. Unit shall reuse 41 KLD per well of treated industrial effluent within premises. Hence, fresh water requirement shall not exceed 46 KLD per well and it shall be met through tankers.
- 16. PP shall not dig borewell for freshwater requirements.
- 17. The industrial effluent generation from each early productionlocation from the project shall not exceed 235 KLD.
- 18. Total Industrial effluent generated from various activities shall be treated in mobile ETP and reused back in process.
- 19. PP shall obtain prior permission for disposal of treated effluent.
- 20. Zero Liquid Discharge [ZLD] status shall be maintained all the time and there shall be no drainage connection from the
- 21. Domestic wastewater generation shall not exceed 12 KLD/well drilling for proposed project and 2 KLD for each early production location and it shall be treated in STP/ Septic Tank & Soak Pit system. Treated sewage shall be utilized for dust suppression, etc. purpose within premises after achieving on-land discharge norms prescribed by the GPCB.
- 22. During monsoon season when treated sewage may not be required for the plantation / Gardening / Greenbelt purpose, it shall be stored within premises. There shall be no discharge of wastewater outside the premises in any case.
- 23. Unit shall provide buffer water storage tank of adequate capacity for storage of treated wastewater during rainy days.
- 24. The unit shall provide metering facility at the ETP & STP and maintain records for the same.
- 25. Proper logbooks of ETP & STP; treated effluent reused in gardening/ plantation; chemical consumption in effluent treatment; quantity & quality of treated effluent; power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.

A.3AIR:

26. Unit shall not exceed fuel consumption for drilling site, camp site, liquid mud pump, radio room and testing flare as mentioned below:

S.N o. Drilli	Source of emission with Capacity	Stack Height (meter)	Type of Fuel	Quantity of Fuel MT/Day	emissions		Air Pollution Control Measures (APCM)
1	Drilling Rig- 3 x 1000 KVA (2W and 1S) or 2x 1850 KVA (1W and 1S)	10	HSD	15-18	PM10, NOx		austs of diesel erators will be positioned
2.	Camp Site- 2 X 350 KVA (1W and 1S)	6	HSD	3-4	PM10, NOx	at a	sufficient height to re dispersal of exhaust
3.	Liquid Mud Pump (LMP)- 3X500 KVA (2W and 1S)	6	HSD	2-3	PM10, NOx	emis	sions; odic maintenance of DG
4.	Radio Room- 2X100 KVA (1W and 1S)	10	HSD	1-2	PM10, NOx	sets	will be undertaken
5.	Testing Flare Stack	30			PM10, NOx, SO2	ensu	neering controls to re complete
6.	Diesel fired Heater- Treater or IWBH (Induced Water Bath Heater) with Well Testing/ Extended Well Testing Set up 1X350	6	HSD	3 KLD	PM10, NOx, SO2	No c be c efficie and Locat	bustion of gas; old venting. Flaring will lone with combustion ent elevated flare tip; ion of flare stacks to nosen considering the

Office: Gujarat Pollution Control Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010 Phone No.:- (079) 232-32152,232-41514 Fax No.:-(079) 232-22784 Page 7 of 14

E-mail: msseiaagj@gmail.com, Website:- www.seiaa.gujarat.gov.in

	KVA				sensitive the site.	receptors adjoining
	Each Early Production Location	1				
7.	GEG 1 MW	10	NG	283.16 m3/hr	PM10, NOx	
8.	EPU Requirement- 1X500 KVA (Emergency Backup)	6	HSD	0.12 KLD	PM10, NOx, SO2	Exhausts of diesel generators will be positioned at a
9.	Flaring for each Early production location	30	NG	71 m3/hour	NOx, SO2	sufficient height to ensure dispersal
10.	Dual fuel (Diesel/Gas) fired Heater-Treater or IWBH (Induced Water Bath Heater) 1X 800 KVA	6	NG or HSD	0.25 MMSCFD or 4 KLD	PM10, NOx, SO2	of exhaust emissions. Periodic maintenance of
11.	Natural gas fired heater for TEG regeneration 1X250 KVA	6	NG	0.4 MMSCFD	NOx, SO2	DG sets will be undertaken
12.	Compressor (Gas Engine Driven) 2X 800 KVA (1W+1S)	6	NG	0.23 MMSCFD	NOx, SO2	

- 27. Unit shall provide adequate APCM with flue gas generation sources:
- 28. There shall be no process gas emission from drilling & exploration activities and other ancillary operations.
- 29. The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of Industrial Safety & Health). Following indicative guidelines shall also be followed to reduce the fugitive emission.
- 30. Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement.
- 31. Air borne dust shall be controlled with water sprinklers at suitable locations in the plant.
- 32. A green beltshall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission.
- 33. Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.
- 34. Regular monitoring of ground level concentration of PM10, PM2.5, SO2, NOx, and VOCs shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.

A.4 SOLID / HAZARDOUS WASTE:

All the hazardous waste management shall be taken care as mentioned below:
 Drilling Operation(from drilling a well)

S. no.	Type/Name of Hazardous waste	Specific Source of generation (Name of the Activity, Product etc.)	Category and Schedule as per HW Rules.	Quantity (MT/Annu m)	Management of HW
1	Drill cuttings excluding those from WBM	Drilling	HW Sc-I cat. 2.1	500-1500 tons/well	Collection in HDPE lined pit and disposal as per Hazardous waste Rules, 2016 (Co processing in cement kiln as fuel substitute, common Hazardous waste TSDF, HW processing facility)/ Brick manufacturing.
2	Drilling mud containing oil (SBM)	Drilling	HW Sc-I cat 2.3	250-500 tons/well	Collection in HDPE lined pit and disposal as per Hazardous waste Rules, 2016 (Co processing in cement kiln as fuel substitute, common Hazardous waste TSDF, HW processing facility).
3	Used oil/ spent oil	Others	HW Sc-I cat 5.1	1-2 tons/well	Disposal as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016
4	Sludge containing oil and other drilling waste	Others	HW Sc-I cat.2.2	250-500 tons/well	Disposal as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016
5	Spent Chemical	Drilling	HW Sc-I cat.32.1	0.6 ton/well	Collection in HDPE lined pit and disposal in Co processing in

					cement kiln/ common Hazardous waste TSDF/ HW processing
6	Wastes or residues containing oil	Drilling	HW Sc-I cat.5.2	0.5 ton/well	facility. Disposal in Co processing in cement kiln/ common Hazardous waste TSDF/ HW processing facility.
/	Empty barrels/containers/lin ers contaminated with hazardous chemicals /wastes	Drilling	HW Sc-I cat.33.1	50 nos./well	Will be sent to recyclers.
8	Chemical sludge from wastewater treatment	Drilling	HW Sc-I cat.35.3	120 ton/well	Collection in HDPE lined pit and disposal in Co processing in cement kiln/ common Hazardous waste TSDF/ HW processing facility.

	Troduction (nom ea	ch early production location)			
S. no.	Type/Name of Hazardous waste	Specific Source of generation (Name of the Activity, Product etc.)	Category and Schedule as per HW Rules.	Quantit y (MT/An num)	Management of HW
1	Oily sludge/ residues	Well work over, crude storage tank bottom cleaning	HW Sc-I cat. 2.2	20 Ton/Ye ar	Collection in HDPE lined pit and disposal in co processing in cement kiln/ common hazardous waste
2	Waste oil (Slop oil)	Well work over, crude storage tank bottom cleaning	HW Sc-I cat. 4.3	2 Ton/Ye	TSDF/HW Processing facility. Waste oil will be disposed as per Hazardous Waste Rules, 2016
3	ETP sludge	ETP operation	HW Sc-I cat. 34.2	120 Ton/Ye ar	Collection in HDPE lined pit and disposal in co processing in cement kiln/ common hazardous waste TSDF/HW Processing facility.
4	Used oil/spent oil	DG sets maintenance and other misc.	HW Sc-I cat	1 KL/yr.	Used oil will be sent CPCB authorized recyclers.
5	Oil contaminated filters, cottons, rags, gloves, etc.	Misc. maintenance	HW Sc-I cat. 3.3	0.3 ton/yr.	will be sent CPCB authorized recyclers.
6	Waste/residues containing oil	Well Work Over	HW Sc-I cat. 5.2	0.5 KL/yr.	Collection in HDPE lined pit and
)7	a) Spent Chemicals	Well Work over		0.6 tons/yr	disposal in co processing in cement kiln/ common hazardous waste TSDF/HW Processing facility.
B	Spent carbon	ETP/STP	HW Sc-I cat. 36.2	3 tons/ yr.	7027777 Trocessing facility.
9	Discarded containers/ barrels/ liners contaminated with hazardous waste	Well work over	HW Sc-I cat. 33.1	50 Nos./yr.	Collection, storage, transportation and sold to registered recyclers

- 36. Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.
- 37. Unit shall explore the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of Incinerable & land fillable wastes before sending to CHWIF & TSDF sites respectively.

A. 5OTHER:

- 38. The project proponent shall allocate the separate fund of Rs. 6.875 Crore (in 4 years)towards CER activities as MoEFCC's Office Memorandum No. F.No.22-65/2017-IA.III dated 30/09/2020. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEF&CC as a part of half-yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.
- 39. All the environmental protection measures and safeguards proposed in the Form -2, Form-1, EMP& PFR submitted by the project proponent and commitments made in their application shall be strictly adhered to in letter and spirit.

B.GENERAL CONDITIONS: B.1 CONSTRUCTION PHASE:

40. Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best

Office: Gujarat Pollution Control Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010

Phone No.:- (079) 232-32152,232-41514 Fax No.:-(079) 232-22784 E-mail: msseiaagj@gmail.com, Website:- www.seiaa.gujarat.gov.in

Page 9 of 14

- 41. Project proponent shall ensure that surrounding environment shall not be affected due to construction activity. Construction materials shall be covered during transportation and regular water sprinkling shall be done in vulnerable areas for controlling fugitive emission.
- 42. All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.
- 43. First Aid Box shall be made readily available in adequate quantity at all the times.
- 44. The project proponent shall strictly comply with the Building and other Construction Workers' (Regulation of Employment & Conditions of Service) Act 1996 and Gujarat rules made there under and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.
- 45. Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution load on the ambient air and noise quality shall be closely monitored during construction phase.
- 46. Use of Diesel Generator (DG) sets during construction phase shall be strictly equipped with acoustic enclosure and shall conform to the EPA Rules for air and noise emission standards.
- 47. Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.
- 48. All topsoil excavated during construction activity shall be used in horticultural / landscape development within the
- 49. Excavated earth to be generated during the construction phase shall be utilized within the premises to the maximum extent possible and balance quantity of excavated earth shall be disposed off with the approval of the competent authority after taking the necessary precautions for general safety and health aspects. Disposal of the excavated earth during construction phase shall not create adverse effect on neighbouring communities.
- 50. Project proponent shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix Concrete [RMC] and lead free paints in the project
- 51. Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notification under the E.P. Act, 1986 and its subsequent amendments from time to time.
- 52. "Wind breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 meters shall be provided. Individual building within the project site shall also be provided with barricades.
- 53. "No uncovered vehicles carrying construction material and waste shall be permitted."
- 54. "No loose soil or sand or construction & demolition waste or any other construction material that cause dust shall be imparted by the construction of the construction of the construction waste or any other construction material that cause dust shall be included by the construction of the construction left uncovered. Uniform piling and proper storage of sand to avoid fugitive emissions shall be ensured."
- 55. Roads leading to or at construction site must be paved and blacktopped (i.e. metallic roads).
- 56. No excavation of soil shall be carried out without adequate dust mitigation measures in place.
- 57. Dust mitigation measure shall be displayed prominently at the construction site for easy public viewing.
- 58. Grinding and cutting of building materials in open area shall be prohibited.
- 59. Construction material and waste should be stored only within earmarked area and road side storage of conmaterial and waste shall be prohibited.
- 60. Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site. (If applicable).

B.2 OPERATION PHASE:

- 61. The water meter shall be installed and records of daily and monthly water consumption shall be maintained.
- 62. All efforts shall be made to optimize water consumption by exploring Best Available Technology (BAT). The unit shall continuously strive to reduce, recycle and reuse the treated effluent.

- 63. In case of use of spray dryer, the unit shall provide the adequate & efficient APCMs with spray dryer so that there should not be any adverse impact on human health & environment. Unit shall carry out third party monitoring of the proposed Spray dryer & it's APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB every year along with half yearly compliance report.
- 64. Acoustic enclosure shall be provided to the DG sets (If applicable) to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.
- 65. Stack/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas
- 66. Flue gas emission & Process gas emission (If any) shall conform to the standards prescribed by the GPCB/CPCB/MoEF&CC. At no time, emission level should go beyond the stipulated standards.
- 67. All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.

B.2.3 HAZARDOUS/SOLID WASTE:

68. The company shall strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules

Page 10 of 14 EC Identification Notific EC22B002C91434206 ontrol Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010 Phone No.:- (079) 232-321425802/2020 Haatelof 16800 EC2-270/81/2022 Page 11 of 15 E-mail: msseiaagj@gmail.com, Website:- www.seiaa.gujarat.gov.in

- 2016, as may be amended from time to time. Authorization of the GPCB shall be obtained for collection / treatment / storage / disposal of hazardous wastes.
- 69. Hazardous wastes shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.
- 70. The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)
- 71. Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988, and rules made there under.
- 72. The design of the Trucks/tankers shall be such that there is no spillage during transportation
- 73. All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.
- 74. Management of fly ash (If any) shall be as per the Fly ash Notification 2009 & its amendment time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.

B.2.4 SAFETY:

- 75. The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories **Rules 1963**
- 76. The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989, as amended time to time and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosives and concerned Govt. Authorities shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans have to be prepared and implemented.
- 77. Main entry and exit shall be separate and clearly marked in the facility.
- 78. Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.
- 79. Storage of flammable chemicals shall be sufficiently away from the production area.
- 80. Sufficient number of fire extinguishers shall be provided near the plant and storage area.
- 81. All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.
- 82. All the toxic/hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion activities.
- 83. The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.
- 84. Only flame proof electrical fittings shall be provided in the plant premises.
- 85. Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.
- 86. All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.
- 87. Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.
- 88. Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.
- 89. Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.
- 90. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.
- 91. Training shall be imparted to all the workers on safety and health aspects of chemicals handling.
- 92. Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules.
- 93. Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.
- 94. The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.
- 95. Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.

B.2.5 NOISE:

- 96. The company shall make all arrangement for control of noise from the drilling activities.
- 97. The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation, hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under Environment (Protection) Act & Rules, 1986 amended from time to time.
- 98. Noise levels for workers shall be as per the Factories Act & Rules.

B.2.6 CLEANER PRODUCTION AND WASTE MINIMISATION:

Office: Gujarat Pollution Control Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010

Phone No.:- (079) 232-32152,232-41514 Fax No.:-(079) 232-22784 E-mail: msseiaagj@gmail.com, Website:- www.seiaa.gujarat.gov.in

Page 11 of 14

- 99. The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.
- 100. The company shall undertake various waste minimization measures such as :
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Reuse of by-products from the process as raw materials or as raw materials substitutes.
 - c. Use of automated and close filling to minimize spillages.
 - d. Use of close feed system into batch reactors.
 - e. Venting equipment through vapour recovery system.
 - f. Use of high pressure hoses for cleaning to reduce wastewater generation.
 - g. Recycling of washes to subsequent batches.
 - h. Recycling of steam condensate.
 - i. Sweeping / mopping of floor instead of floor washing to avoid effluent generation.
 - j. Regular preventive maintenance for avoiding leakage, spillage etc.

B.2.7 GREEN BELT AND OTHER PLANTATION:

- 101. The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation on road sides and suitable open areas in GIDC estate or any other open areas in consultation with the GIDC / GPCB and submit an action plan of plantation for
- 102. Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises
- 103.PP shall submit an undertaking within 10 days that they will comply all the conditions resultant to the queries raised by **B.3 OTHER CONDITION:** SEIAA and submit first before within 15 days from the date of installation and subsequent report of compliance in 3
- 104. Project Proponent shall contribute to conservation of Great Indian Bustard by way of sponsoring shifting of overhead cables to underground, in consultation with Deputy Conservator of Forests, Kutch(west) and Forests and Environment, impacts and impacts Department, Sachivalaya Gandhinagar. This condition is as per the clarification given in para 3 of OM of MoEF&C. GOI dated 25.02.2021. The expenditure of supporting above activities will be within the total outlay of CER including
- 105. Project proponent shall install all environment management systems as per the CPCB/GPCB directives regarding the effluent discharge and air emission in working condition.
- 106. Project proponent shall display the copy of Environment Clearance at the site prominently.
- 107. Project proponent shall prepare and follow regular and preventive maintenance plan. The copy of same shall be submitted to SEIAA.
- 108. Project Proponent will have to display the safety procedure in working area.
- 109. The project proponent shall obtain all required permissions for safety, health and fire from competent authorities like PESO/Fire Authority etc. and intimate SEIAA.
- 110.Project Proponent will intimate SEIAA/SEAC/GPCB after obtaining the membership of common facilities like CETP / TSDF / CHWIF / CMEE / Common Spray Dryer as the case may be.
- 111.Extra care will be taken by PP to avoid any accidental blast in boiler, reactor or any machinery in the plant.
- 112.Environment monitoring, training and disaster management plan should be undertaken and complied at regular
- 113.Integrated Regional Office of MoEF&CC,Gandhinagar and GPCB will monitor all environment, safety & health norms
- 114. The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance to the MoEFCC's Office Memorandum No. F.No.22-65/2017-IA.III dated 01/05/2018 to carry out the activities under CER in affected area around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEFCC as a part of half-yearly compliance report and to district collector. The monitoring report shall be posted on the website of the project proponent.
- 115. Rain water harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter.
- 116. The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for

Page 12 of 14 EC Identification Notice Carponal Maioro Control Poard. "Parvavaran Bhavan" Sector-10 A, Gandhinagar-382010 Phone No.:- (079) 232-32132,232-240301 Parts of 16500 262-270,841/2022 Page 13 of 15 E-mail: msseiaagj@gmail.com, Website:- www.seiaa.gujarat.gov.in

- this purpose by the Govt. / GIDC.
- 117. Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.
- 118. The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.
- 119. All the commitments / undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.
- 120. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.
- 121. In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.
- 122. The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.
- 123. During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.
- 124. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.
- 125. Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.
- 126. No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.
- 127. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
- 128. The project proponent shall comply all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules, 2014" and its amendments from time to time in a letter and spirit.
- 129. The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.
- 130. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
- 131. The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.
- 32. It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.
- 133. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- 134. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
- 135. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found
- 136. The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary.
- 137. The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
- 138. This environmental clearance is valid for seven years from the date of issue.
- 139. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
- 140. Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance cancelled.

B.4 COMPLIANCE OF ENVIRONMENT CLEARANCE/REPORTING/ADMINISTRATION/APPEAL:

141. Project proponent shall inform to all the concerned authorities including Municipal Corporation and District Collector and shall also give wide publicity through advertisement in minimum two local newspapers within seven days, about

Office: Gujarat Pollution Control Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010 Phone No.:- (079) 232-32152,232-41514 Fax No.:- (079) 232-22784 Page 13 of 14

E-mail: msseiaagj@gmail.com, Website:- www.seiaa.gujarat.gov.in

EC Identification No. - EC22B002GJ134206 File No. - SIA/GJ/25802/2022 Date of Issue EC - 10/11/2022

the Environment Clearance order accorded.

- 142. Project proponent shall appoint a key person in the organization who shall be responsible for compliance of above condition fully on behalf of the proponent. It will not mean that appointing a key person will exempt the project proponent from the responsibility of compliance. Any change in key person shall immediately be informed to SEIAA
- 143. Designated key person shall submit six monthly compliance report to SEIAA/SEAC, MOEF&CC, GPCB and Nodal
- 144. The Nodal Department or any authority or officer authorized by MOEF&CC/SEIAA can inspect the site of the project and all the facilities, for verification of compliances of environment clearance conditions.
- 145.In case of violation reported upon, the project proponent shall be responsible for all the legal actions as per Environment Protection Act, 1986 including SEIAA may cancel, withdraw or keep in abeyance, the Environment
- 146. Any person including the project proponent affected by this Environment Clearance order may file appeal to Honorable National Green Tribunal West Zone branch, Pune, preferably within a period of thirty days from the date of issue of Environment Clearance as prescribe under section 16 of National Green Tribunal Act 2010.
- 147.All complains and public grievance or representations may be addressed to SEIAA/SEAC in the email addresses (a) msseiaagj@gmail.com& (b) seacgujarat@gmail.com

(NISCHAL JOSHI) Member Secretary

Issued to:

M/s: Vedanta Ltd. (Div: Cairn Oil & Gas) CB-ONHP-2018/1 Hydrocarbon block,

Districts: Mehsana & Patan,

State: Gujarat

Copy to:-

- The Secretary, SEAC, C/O. G.P.C.B. Gandhinagar 382010. The Additional Chief Secretary, Forests & Environment Department, Govt. of Gujarat, Block 14, 8th floor,
- The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD -cum-Office Complex, East Arjun Nagar,
- The Additional Principal Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (WZ), E-5, Arera Colony, Link Road-3, Bhopal-462016, MP
- Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
- The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10 A, Gandhinagar-382010
- Select File



EC Identification Notifice Corison 2011 14206 Control Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010 Phone No.:- (079) 232-321/25892/20204 IDate of 16800 202-240/94/2022 Page 14 of 14 Page 15 of 15 E-mail: msseiaagj@gmail.com, Website:- www.seiaa.gujarat.gov.in