



Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The General Manager
OIL AND NATURAL GAS CORPORATION LIMITED
Deendayal Urja Bhavan, 5, Nelson Mandela Marg, Vasant
Kunj,,Ramanathapuram,Tamil Nadu-110070

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 Ministry vide proposal number IA/GJ/IND2/414546/2023 dated 21 Feb 2023. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC23A002GJ162805 |
| 2. File No. | IA-J-11011/150/2019-IA-II(I) |
| 3. Project Type | New |
| 4. Category | A |
| 5. Project/Activity including Schedule No. | 1(b) Offshore and onshore oil and gas exploration, development & production |
| 6. Name of Project | Onshore Development and Production of oil & gas from 145 wells in 30 ML blocks in Bharuch, Surat and Vadodara districts, Gujarat |
| 7. Name of Company/Organization | OIL AND NATURAL GAS CORPORATION LIMITED |
| 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.

Date: 13/04/2023

(e-signed)
A N Singh
Scientist E
IA - (Industrial Projects - 2 sector)

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.

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PARIVESH

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and Virtuous Environment Single-Window Hub)



This has reference to your online proposal no. IA/GJ/IND2/414546/2023, dated 21stFebruary, 2023 for environmental clearance to the above-mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal seeking environmental clearance for proposed development and production of oil & gas from 145 wells located at 30 ML blocks in Bharuch, Surat and Vadodara districts, Gujarat by M/S ONGC Limited.

3. All Offshore and onshore oil and gas exploration, development & production proposals are listed at S.N. 1(b) of Schedule of Environment Impact Assessment (EIA) Notification under category 'A' and are appraised at Central Level by Expert Appraisal Committee (EAC).

4. The following proposed project activities of Development and Production of Oil & Gas are expected to carry out:

- a) Drilling of 145 development wells and well testing.
- b) The developmental wells will be drilled up to a depth of 1300-3000 m approx.
- c) Block Area – Total 1230.796 Sq. Km. Land needed for drilling each well: 2 ha. for each well pad/drill site. Estimated Project Cost is Rs. 2393.49 Crores.

5. The details of products and capacity as under:

Sl.No.	Unit	Product/by-product	Existing quantity	Proposed quantity	Total Quantity
1	Tonnes Per Day (TPD)	Oil	0	2674	2674
2	Cubic Meter Per Day	Natural Gas	0	118000	118000

Coordinates of Blocks are as given below:

SI No	Block	SEQ	VERT	Latitude	Longitude
1	ANKL_MN ML	1	A	N 21°36'53.074908"	E 72°59'47.59188"
		2	B	N 21°36'2.080584"	E 72°59'35.589912"
		3	C	N 21°34'20.087904"	E 72°55'32.622132"
		4	D	N 21°33'15.097536"	E 72°50'46.153608"
		5	E	N 21°33'43.097328"	E 72°50'34.647036"
		6	F	N 21°35'51.085572"	E 72°53'45.62736"
2	ANKL EXT-I ML	1	A	N 21°34'9.092496"	E 72°50'15.642744"
		2	B	N 21°35'56.084712"	E 72°53'12.616512"

SI No	Block	SEQ	VERT	Latitude	Longitude		
		3	C	N 21°37'6.078576"	E 73°0'36.586116"		
		4	D	N 21°35'50.077284"	E 73°1'5.58624"		
		5	E	N 21°34'20.087904"	E 72°55'32.622132"		
		6	F	N 21°36'2.080584"	E 72°59'35.589912"		
		7	G	N 21°36'53.074908"	E 72°59'47.59188"		
		8	H	N 21°35'51.085572"	E 72°53'45.62736"		
		9	I	N 21°33'43.097328"	E 72°50'34.647036"		
		10	J	N 21°33'15.097536"	E 72°50'46.153608"		
		11	K	N 21°33'12.096864"	E 72°50'35.63502"		
		3	KUDARA ML	1	A	N 21°31'35.100336"	E 72°49'47.655696"
				2	B	N 21°33'8.095068"	E 72°49'32.634732"
3	C			N 21°33'12.096864"	E 72°50'35.63502"		
4	SNKD ML	1	A	N 21°32'57.092388"	E 72°53'27.636216"		
		2	B	N 21°30'52.101972"	E 72°53'33.621288"		
		3	C	N 21°30'42.099732"	E 72°51'30.641436"		
		4	D	N 21°31'35.100336"	E 72°49'47.655696"		
		5	E	N 21°33'5.093496"	E 72°50'32.64144"		
5	Motwan	1	A	21° 34' 19.92" N	72° 55' 32.52" E		
		2	B	21° 34' 42.96" N	72° 57' 3.6" E		
		3	C	21° 30' 51.84" N	72° 57' 3.6036" E		
		4	D	21° 30' 52.092" N	72° 53' 33.36" E		
		5	E	21° 32' 56.76" N	72° 53' 27.6" E		
		6	F	21° 33' 5.076" N	72° 50' 32.64" E		
		7	G	21° 33' 12.096" N	72° 50' 35.628" E		
6	KIM ML	1	A	N 21°30'40.1067"	E 72°45'23.679288"		
		2	B	N 21°30'40.106268"	E 72°45'57.67866"		
		3	C	N 21°28'41.1168"	E 72°45'57.67686"		
		4	D	N 21°28'41.117268"	E 72°45'23.677488"		
		5	E	N 21°28'8.112072"	E 72°45'23.676984"		
		6	F	N	E 72°43'57.6633"		

SI No	Block	SEQ	VERT	Latitude	Longitude
				21°28'42.114108"	
		7	G	N 21°28'45.11514"	E 72°43'11.690148"
		8	H	N 21°30'40.1085"	E 72°43'10.675704"
7	KRCH – KOSAMBA ML	1	A	N 21°26'42.114552"	E 72°53'52.622196"
		2	B	N 21°26'37.11606"	E 72°53'38.615892"
		3	C	N 21°26'26.116548"	E 72°53'33.617256"
		4	D	N 21°26'24.304308"	E 72°53'14.585568"
		5	E	N 21°26'37.23306"	E 72°53'8.791044"
		6	F	N 21°27'0.11052"	E 72°53'40.620876"
8	OL_DA EXT-I ML	1	A	N 21°15'3.52854"	E 72°40'2.786232"
		2	B	N 21°16'9.0642"	E 72°41'18.887352"
		3	C	N 21°18'28.150704"	E 72°41'18.889476"
		4	D	N 21°21'21.139596"	E 72°43'50.680848"
		5	E	N 21°21'20.13534"	E 72°45'57.670164"
		6	F	N 21°18'2.144844"	E 72°45'57.66714"
		7	G	N 21°18'2.145636"	E 72°44'57.66036"
		8	H	N 21°16'2.153928"	E 72°44'57.658524"
		9	I	N 21°16'2.154756"	E 72°43'57.651708"
		10	J	N 21°13'2.167212"	E 72°43'57.648972"
		11	K	N 21°13'2.16984"	E 72°40'42.688236"
9	GNDR ML	1	A	N 21°55'24.027888"	E 72°42'24.697332"
		2	B	N 21°54'21.031596"	E 72°42'29.694852"
		3	C	N 21°52'38.04078"	E 72°41'37.705452"
		4	D	N 21°52'26.039568"	E 72°40'57.719352"
		5	E	N 21°54'39.035808"	E 72°40'29.70894"
10	GNDR EXT-II ML	1	A	N 21°56'59.029872"	E 72°38'53.727324"
		2	B	N 21°57'36.022032"	E 72°41'21.726492"

SI No	Block	SEQ	VERT	Latitude	Longitude
		3	C	N 21°57'34.021548"	E 72°44'36.687048"
		4	D	N 21°53'28.03722"	E 72°44'33.689832"
		5	E	N 21°52'38.04078"	E 72°41'37.705452"
		6	F	N 21°54'21.031596"	E 72°42'29.694852"
		7	G	N 21°55'24.027888"	E 72°42'24.697332"
		8	H	N 21°54'39.035808"	E 72°40'29.70894"
11	GNDR EXT-III ML	1	A	N 21°52'2.038764"	E 72°45'43.691868"
		2	B	N 21°47'6.060804"	E 72°39'7.72452"
		3	C	N 21°49'22.052496"	E 72°36'49.724568"
		4	D	N 21°52'28.048404"	E 72°35'48.75954"
		5	E	N 21°52'38.045388"	E 72°35'51.753156"
		6	F	N 22°1'37.008444"	E 72°40'51.713076"
		7	G	N 22°4'10.001316"	E 72°45'43.702884"
12	GNDR EXT-IV ML	1	A	N 21°49'22.052496"	E 72°36'49.724568"
		2	B	N 21°47'6.060804"	E 72°39'7.72452"
		3	C	N 21°45'38.06658"	E 72°37'11.746632"
		4	D	N 21°48'15.062004"	E 72°34'29.74422"
		5	E	N 21°52'28.048404"	E 72°35'48.75954"
13	GNDR EXT-V ML	1	A	N 21°55'52.024908"	E 72°45'43.69536"
		2	B	N 21°58'20.016444"	E 72°45'43.697592"
		3	C	N 21°58'20.015976"	E 72°46'21.679212"
		4	D	N 21°58'54.016824"	E 72°46'21.679716"
		5	E	N 21°58'54.014988"	E 72°48'42.675192"
		6	F	N 21°57'35.020872"	E 72°48'42.674004"
		7	G	N 21°57'35.02134"	E 72°48'6.670008"
		8	H	N 21°56'57.017508"	E 72°48'6.669468"

SI No	Block	SEQ	VERT	Latitude	Longitude
		9	I	N 21°56'57.01578"	E 72°50'17.668356"
		10	J	N 21°55'52.022136"	E 72°49'14.666808"
14	GNDR EXT-VI ML	1	A	N 21°42'32.070888"	E 72°37'53.734692"
		2	B	N 21°42'8.081172"	E 72°37'18.719184"
		3	C	N 21°43'50.070828"	E 72°35'59.73666"
		4	D	N 21°42'44.07678"	E 72°32'44.967588"
		5	E	N 21°45'57.067992"	E 72°33'45.746208"
		6	F	N 21°45'57.066984"	E 72°35'2.752656"
		7	G	N 21°47'42.056016"	E 72°35'2.75424"
		8	H	N 21°47'42.056592"	E 72°34'18.758352"
		9	I	N 21°48'15.062004"	E 72°34'29.74422"
		10	J	N 21°45'38.06658"	E 72°37'11.746632"
15	GNDR EXT-VIII ML	1	A	N 21°57'28.015848"	E 72°50'45.653532"
		2	B	N 21°55'15.026448"	E 72°50'45.651516"
		3	C	N 21°55'15.028068"	E 72°48'41.683068"
16	GNDR EXT-IX ML	1	A	N 21°55'10.032456"	E 72°36'39.733308"
		2	B	N 21°55'7.63266"	E 72°32'22.788636"
		3	C	N 21°55'30.036756"	E 72°32'22.761636"
		4	D	N 21°55'32.033316"	E 72°34'1.765848"
		5	E	N 21°57'57.031236"	E 72°34'3.7731"
		6	F	N 21°58'18.0273"	E 72°34'42.770856"
		7	G	N 21°58'26.022936"	E 72°39'5.730228"
		8	H	N 21°52'38.045388"	E 72°35'51.753156"
17	GNDR EXT-XII ML	1	A	N 21°59'2.012316"	E 72°49'44.849136"
		2	B	N 21°59'2.010012"	E 72°52'41.111616"
		3	C	N 21°57'2.01654"	E 72°52'41.629764"

SI No	Block	SEQ	VERT	Latitude	Longitude
		4	D	N 21°57'2.018052"	E 72°50'45.641292"
		5	E	N 21°57'28.006632"	E 72°50'45.641688"
		6	F	N 21°56'57.018696"	E 72°50'17.664"
		7	G	N 21°56'57.01992"	E 72°48'42.673428"
		8	H	N 21°57'35.017884"	E 72°48'42.674004"
18	DAHJ EXT-I ML	1	A	N 21°41'17.077632"	E 72°40'4.70514"
		2	B	N 21°41'47.07582"	E 72°39'42.707808"
		3	C	N 21°41'27.0753"	E 72°39'14.722452"
		4	D	N 21°40'57.077112"	E 72°39'36.720144"
		5	E	N 21°40'36.08094"	E 72°39'5.71392"
		6	F	N 21°40'54.077772"	E 72°38'15.73134"
		7	G	N 21°45'38.06658"	E 72°37'11.746632"
		8	H	N 21°49'40.050588"	E 72°42'31.695228"
		9	I	N 21°42'44.06922"	E 72°42'9.691128"
19	S_DAHJ ML	1	A	N 21°40'36.08094"	E 72°39'5.71392"
		2	B	N 21°40'42.836592"	E 72°40'7.286268"
		3	C	N 21°40'10.229556"	E 72°40'7.2858"
		4	D	N 21°40'10.229088"	E 72°40'42.163824"
		5	E	N 21°40'46.907508"	E 72°40'42.164364"
		6	F	N 21°41'10.078044"	E 72°43'50.58912"
		7	G	N 21°41'6.40392"	E 72°44'57.681384"
		8	H	N 21°39'26.488404"	E 72°44'57.679872"
		9	I	N 21°39'26.493192"	E 72°38'57.720948"
		10	J	N 21°40'39.301428"	E 72°38'57.722028"
20	PKJN ML	1	A	N 21°45'32.059044"	E 72°45'32.67324"
		2	B	N 21°44'10.064112"	E 72°45'32.67198"

SI No	Block	SEQ	VERT	Latitude	Longitude
		3	C	N 21°44'10.065264"	E 72°44'3.69168"
		4	D	N 21°45'32.060196"	E 72°44'3.69294"
21	PKJN EXT-I ML	1	A	N 21°46'19.059924"	E 72°42'20.707128"
		2	B	N 21°48'56.05272"	E 72°42'29.68992"
		3	C	N 21°48'56.0511"	E 72°44'30.692256"
		4	D	N 21°46'46.055172"	E 72°45'8.699292"
22	PKJN EXT-II ML	1	A	N 21°46'19.059924"	E 72°42'20.707128"
		2	B	N 21°46'38.05662"	E 72°44'24.209016"
		3	C	N 21°46'0.190272"	E 72°44'24.20844"
		4	D	N 21°46'0.189768"	E 72°45'2.683944"
		5	E	N 21°45'32.05944"	E 72°45'2.683512"
		6	F	N 21°45'32.060196"	E 72°44'3.69294"
		7	G	N 21°44'10.065264"	E 72°44'3.69168"
		8	H	N 21°44'10.064112"	E 72°45'32.67198"
		9	I	N 21°44'12.061608"	E 72°46'29.38332"
		10	J	N 21°41'36.072708"	E 72°44'10.692456"
		11	K	N 21°41'46.076748"	E 72°43'56.686404"
		12	L	N 21°41'34.07514"	E 72°43'45.701184"
		13	M	N 21°41'23.075376"	E 72°43'58.691028"
		14	N	N 21°41'10.078044"	E 72°43'49.682748"
		15	O	N 21°42'44.06922"	E 72°42'9.691128"
23	DBKA ML	1	A	N 22°7'57.974232"	E 72°56'30.627096"
		2	B	N 22°9'51.97446"	E 72°52'59.657016"
		3	C	N 22°11'16.96974"	E 72°53'2.651748"
		4	D	N 22°10'31.967328"	E 72°55'36.636924"
		5	E	N 22°10'30.971496"	E 72°56'12.640884"

SI No	Block	SEQ	VERT	Latitude	Longitude
24	DBKA EXT-I ML	1	A	N 22°9'15.973092"	E 72°56'21.647508"
		2	B	N 22°10'30.971496"	E 72°56'12.640884"
		3	C	N 22°10'31.967328"	E 72°55'36.636924"
		4	D	N 22°11'39.969024"	E 72°55'39.631404"
		5	E	N 22°11'39.96852"	E 72°56'17.640024"
		6	F	N 22°12'11.964636"	E 72°56'17.640492"
		7	G	N 22°12'11.96514"	E 72°55'39.631872"
		8	H	N 22°12'28.965564"	E 72°55'39.632124"
		9	I	N 22°12'28.964376"	E 72°57'13.638204"
		10	J	N 22°9'15.972408"	E 72°57'13.635324"
25	KRAL ML	1	A	N 22°7'25.97736"	E 72°57'54.636156"
		2	B	N 22°6'4.983804"	E 72°59'27.62484"
		3	C	N 22°5'12.988068"	E 72°57'50.624532"
		4	D	N 22°2'36.996576"	E 72°59'21.607476"
		5	E	N 22°0'26.001648"	E 72°55'26.6313"
		6	F	N 22°1'5.001168"	E 72°55'2.629128"
		7	G	N 22°3'3.998304"	E 72°53'50.649936"
		8	H	N 22°4'53.993712"	E 72°52'42.65292"
		9	I	N 22°5'35.484432"	E 72°53'57.65532"
		10	J	N 22°7'25.9779"	E 72°57'12.644892"
26	MATR ML	1	A	N 21°59'33.601416"	E 73°1'57.5949"
		2	B	N 21°58'43.995288"	E 73°0'14.607648"
		3	C	N 21°57'17.33868"	E 73°0'11.420676"
		4	D	N 21°57'17.009892"	E 72°58'57.59994"
		5	E	N 21°58'32.0088"	E 72°58'12.61632"
		6	F	N 22°0'2.002464"	E 72°58'12.617652"

SI No	Block	SEQ	VERT	Latitude	Longitude
		7	G	N 22°0'13.661496"	E 72°57'46.418184"
		8	H	N 22°0'34.301592"	E 72°56'57.616368"
		9	I	N 22°1'46.996752"	E 73°0'42.595092"
		1	A	N 22°1'1.999236"	E 72°56'57.616764"
		2	B	N 22°1'1.99956"	E 72°56'30.620904"
		3	C	N 22°2'36.996576"	E 72°59'21.607476"
		4	D	N 22°2'8.666952"	E 72°59'39.62256"
		5	E	N 22°2'8.6649"	E 73°2'17.2059"
		6	F	N 22°2'1.98402"	E 73°2'17.590236"
		7	G	N 21°59'47.51862"	E 73°2'26.596356"
		8	H	N 21°59'33.601416"	E 73°1'57.5949"
		9	I	N 22°1'46.996752"	E 73°0'42.595092"
		10	J	N 22°0'34.301592"	E 72°56'57.616368"
		1	A	N 22°0'2.002464"	E 72°58'12.617652"
		2	B	N 21°58'32.0088"	E 72°58'12.61632"
		3	C	N 21°57'17.009892"	E 72°58'57.59994"
		4	D	N 21°57'17.338608"	E 73°0'14.606388"
		5	E	N 21°56'32.015652"	E 73°0'14.605704"
		6	F	N 21°56'32.01756"	E 72°57'46.414908"
		7	G	N 22°0'13.661496"	E 72°57'46.418184"
27	NADA ML	1	A	N 21°57'1.032984"	E 72°32'21.774192"
		2	B	N 21°57'57.031236"	E 72°34'3.7731"
		3	C	N 21°55'32.033316"	E 72°34'1.765848"
		4	D	N 21°55'30.036756"	E 72°32'21.772824"
28	UMRA EXT-I ML	1	A	N 22°6'41.986296"	E 72°49'9.678468"
		2	B	N 22°6'11.988396"	E 72°49'9.678036"
		3	C	N	E

SI No	Block	SEQ	VERT	Latitude	Longitude		
				22°6'11.987784"	72°49'57.683568"		
		4	D	N 22°5'1.98816"	E 72°49'57.682524"		
		5	E	N 22°5'1.98942"	E 72°48'19.694124"		
		6	F	N 22°5'16.991232"	E 72°48'48.667896"		
		7	G	N 22°5'45.994056"	E 72°48'27.686736"		
		8	H	N 22°5'16.99188"	E 72°47'59.673876"		
		9	I	N 22°6'49.986612"	E 72°47'11.697108"		
		29	UMRA EXT-II ML	1	A	N 22°6'49.986612"	E 72°47'11.697108"
				2	B	N 22°5'16.93032"	E 72°47'59.701236"
3	C			N 22°2'33.084312"	E 72°48'42.12918"		
4	D			N 22°4'10.001316"	E 72°45'43.702884"		
5	E			N 22°4'44.635224"	E 72°44'5.825184"		
6	F			N 22°6'59.000"	E 72°45'14.951844"		
30	JambusarDabka	1	A	N 22°8'16.986228"	E 72°48'11.677788"		
		2	B	N 22°8'16.985832"	E 72°48'42.683652"		
		3	C	N 22°8'46.983696"	E 72°48'42.68412"		
		4	D	N 22°8'46.982724"	E 72°49'57.685908"		
		5	E	N 22°5'46.987044"	E 72°51'27.652284"		
		6	F	N 22°5'1.993812"	E 72°51'27.56916"		
		7	G	N 22°5'1.995"	E 72°49'57.682524"		
		8	H	N 22°6'12.001464"	E 72°49'57.683568"		
		9	I	N 22°6'12.002076"	E 72°49'9.678036"		
		10	J	N 22°6'41.986296"	E 72°49'9.678468"		
		11	K	N 22°6'45.069768"	E 72°48'24.3918"		

6. Standard Terms of Reference have been obtained vide F No. IA-J-11011/150/2019-IA-II(I) dated 13th May 2019. It was informed that no litigation is pending against the proposal.

7. PP has submitted the certified compliance report dated 4.1.2018 issued by IRO, in which it is reported that all 30 conditions found compliance. But, CCR issued by IRO is 3 years old. Accordingly, Ministry raised EDS to furnish latest CCR issued by IRO. Further, PP vide EDS reply dated 17.02.2023 has submitted that present project proposal is for a new project and it does not involve any 'expansion' activity. CCR is required for only expansion project.

8. Public Hearings for the proposed project had been conducted by the Gujarat Pollution Control Board on 10th August 2022 at APMC Hall, 1st Floor, TankariBhagol Market, Jambusar, Dist. Bharuch, which was chaired by Resident Additional Collector & Additional District Magistrate, Bharuch; on 23rd August 2022 at Barbodhan Gram Panchayat Hall, Above Bank of Baroda – Barbodhan Branch, Village: Barbodhan, Ta: Olpad, Dist. Surat, which was chaired by Collector & District Magistrate, Surat and on 25th August 2022 at Vishwa Traders and Warehouse, Sampla, Ta. Padra, Dist: Vadodara, which was chaired by Sub-Divisional Magistrate, Padra and Vadodara Rural. The following main issues raised during the public hearing and their action plan:

- (i) PP informed the source of water supply will be nearby surface installation of ONGC which is having pipeline for river water.
- (ii) As ONGC is PSU, compensation cost is directly given to government land as per land acquisition rules.
- (iii) PP informed that they have started giving CSR fund regularly as per rule. They promised that they will give priority to paver block work of Mobha gram panchayat.
- (iv) RO-GPCB has instructed ONGC to restore the land after completion of project.
- (v) PP informef that there is possibility that no any well need to dig in Karjan taluka villages.
- (vi) PP informed that 60 nos of employment opportunity either directly or indirectly will be generated per well.
- (vii) The Chairman has instructed PP to utilise CSR funds in local affected area only and give priority to locals for semi-skilled jobs like sweeping, security.
- (viii) Well maintained Machineries to be used to reduce noise level.

Issue in brief	Action plan in brief	Budget allocated and timeline
If there is any leakage in the pipeline and there is oil spillage on the land then what steps are taken by ONGC	Representative of ONGC replied that we give compensation in case of a small leakage when there is a major leakage if the farmer asks to replace	Budget is given in CER

	the soil.	
When there was fire in Dihen, farmers refused to take water from channel and provided it to ONGC. Our only suggestion is to make our field channel RCC.	Company will consider the request received from Dihen Society President for field channel RCC.	
Locals are not getting any benefits from the project. Company has not given any kind of employment in the villages.	PP has informed that around 60 nos of employment opportunity either directly or indirectly will be generated per well.	

1. Vadodara:

Issue in brief	Response/Commitment of ONGC
Obtain fresh water from nearest gram panchayat if any instead of private tanker supply.	source of water will be nearby surface installation of ONGC which is having pipeline for river water. In case of emergency, it will be taken from water tankers (who have authorized permission).
Received the summary report just 3 days ago	RO-GPCB informed that the summary report along with EIA report has been made available for public in District Collector office, DDO office, TDOs office etc. since last one month.
Compensation for pipelines passing through farmer's land	As the ONGC is PSU, compensation cost is directly given to government as per land acquisition rules.
Concerns over not receiving benefits under ONGC CSR	ONGC informed that villages can give their applications for CSR activities through NGO or directly, they will consider the same.

<p>Many land losers have not been given the compensation yet and no Fencing on the boundary.</p>	<p>Fencing is done in all ONGC wells, but if it is broken or stolen as informed, then they will inform the authority of Khambhat project. In addition to this, it was informed that the pipelines passing through Aanti village are of GAIL and IOCL, not of ONGC.</p>
<p>Company has not given any kind of employment in the villages.</p>	<p>ONGC informed that around 60 nos of employment opportunity either directly or indirectly will be generated per well.</p>
<p>ONGC has been already working in farm for which ONGC is giving compensation. But looking to the raise in inflation day by day, ONGC is giving increment in compensation at every 3-4 year which is not acceptable.</p>	<p>ONGC informed that presently Rs. 1,20,000 per acre is giving as compensation/rent and they are in planning give 3 % increment in compensation/rent every year.</p>
<ol style="list-style-type: none"> 1. Baseline data collected for EIA report preparation is @2-3-year old, hence data can be considered valid or not. 2. EIA study shows that temperature was 30-35 degree but now it goes to 40-45 degree so what does your study mean? When there was low ambient temperature, you have done baseline study so why the study has been not done in other seasons? 3. Local peoples should get priority in employment/recruitment. 4. ONGC will provide ear plugs to the people working at site for noise cancellation but what about the peoples residing in nearby area? 5. Green belt to prevent noise pollution. 6. He represented that the maximum concentration of Sox was recorded at Dudhwada and minimum at Badanpur. Further, somewhere in presentation, PP has shown minimum TDS of 	<ol style="list-style-type: none"> 1. Validity for the baseline data is 3 years and they have collected data in 2019-20 so that it can be considered valid. 2. Only one season baseline data is required as per MoEFCC EIA Notification. 3. ONGC doesn't recruit people directly but with the government norms only. So, for skilled type of labor ONGC follows the government rules. 4. ONGC replied that proposed well sites are normally are far from the residential area. So, the possibility of people living there is very less. Further, the Machineries to be used will be well maintained to reduce the noise level. 5. ONGC informed that they close the acoustic barrier over machine in use to reduce noise pollution. Also, they will be doing regular maintenance of the machines which will be in use. So, there is least noise and vibrations. 6. PP further stated that they have planted trees in 250 tree saplings at Vasudhara well during Azadi Ka Amrit Mahotsav. This is just the data of Azadi Ka Amrit Mahotsav, other than that many other plantations are being done

ground water is 390 mg/L. So he wants to know the when and from where the samples were taken? He informed that throughout the Padra, ground water TDS level is very high. So you didn't collect data properly.	every year. He informed that they will carry out plantation based on villager's proposal if any. 7. ONGC have collected average data from different places at different times. RO-GPCB has informed that this all information about place, date and time are given in the EIA report which were given in Taluka panchayat offices for reference.
1. Complaint procedure for fire and leakage in pipelines passing through farms 2. He wanted to know whose responsibility it is if there is theft in ONGC pipeline Farmers or polices or ONGC?	1. complaint has to be given at nearby Installation 2. PP has informed that for the theft, Police will do the suitable enquiry.

2. Bharuch district

Issue in brief	Response/Commitment of ONGC
Participant desired details on CSR expenditure by ONGC Ankleshwar. They desired details on amount spent, area where amount was spent and activities carried out under CSR. Details of CSR expenditure on schools was also desired. It was desired that local people to be directly involved in CSR expenditure and requirement a NGO to be waved off for making CSR accessible to everyone.	ONGC representative informed that about 8.43 Crore rupees have been spent in CSR in Bharuch district during last five years. It was clarified that CSR fund has been used for primary schools, trust operated schools as per demand received. CSR activities such as furniture work, different school development activities, stationary provision, assistance for Uniforms has been carried out. It is further clarified that the Government of India has issued a notification which indicates that CSR proposals will have to come through the NGOs. However, ONGC is always ready to help people by being the Facilitator (bridge) and provide details of NGOs willing to help.
Few participants highlighted that some villages have issue in	ONGC representative informed that compensation payments are done through Bank accounts and people,

compensation payment.	whose bank details are not correct, might be facing some issue. He assured to verify the issue at his end.
Employment to local people in ONGC.	ONGC representative highlighted that out of total 1069 staff level employees at Ankleshwar Asset 956 belong to Gujarat (89.42%). Out of total 2271 regular employees 1543 belong to Gujarat (67.94 %). Also, ONGC contributes in employment generation and skill development in youth through apprentice programme wherein 297 nos of local individuals have been given training as apprentice in 2019-20 and 2021-22 at Ankleshwar Asset.
Issue of delay in survey for pipeline work at Dabha village was raised. Issue of pollution due to flare of ONGC GGS and effect on crops was raised.	ONGC representative informed that survey work is being carried out as per CAPMP Act. He informed that work for Dabha and Nada villages will be expedited.
Participant informed that CSR fund expenditure not carried out at Gandhar village despite ONGC having its units working here.	ONGC representative informed that Rs. 15,46 ,013 have been spent by ONGC in last five years under CSR at Gandhar village.
Few participants appreciated work by ONGC under CSR. However, they desired to arrange a seminar / workshop for facilitation regarding CSR work procedures and requirements.	ONGC representative welcomed request for a workshop and contact details of CSR department were shared for communicating such good idea.
Participant complained on issues related to land sale, compensation and rent paid by ONGC.	ONGC representative took note of issues and clarified that informed that land related proceedings are done under PMP Act.
Employment to farmers who have given land parcels to ONGC (i.e.	ONGC representative informed that ONGC helps land losers as it has reserved a quota for 30 % hired light

land losers) was requested.	vehicles for land losers.
Participant desired information on steps carried out by ONGC in case of oil spillage on land and for land restoration.	ONGC is having a centralised rate contract for bioremediation in place for immediately addressing oil spillage and land restoration through Bioremediation.

3. Surat district:

Issue in brief	Response/Commitment of ONGC
CSR fund will be provided to the nearby villages in OLAPD	Company carried out many social work under CSR fund. Company spent around Rs. 50 lacs in villages in OLAPAD. In addition if any requirement related to road, infrastructure or education i.e. school and if such proposal is submitted along with required documents along with Gam Panchayat OLPAD, then it will be definitely considered.
Suggestion is to make field channel RCC.	Company will consider the request received from Dihen Society President for field channel RCC.
<ol style="list-style-type: none"> 1. commitment to maintain one fire tender at Olpad 2. Pending ROUs to be provided to people 3. Management & Disposal of drill cuttings 	<ol style="list-style-type: none"> 1. It was informed that ONGC Ankleshwar has tie-up with ONGC Hazira plant and Gujarat State fire department unit situated at Rander Road. As a backup measure ONGC has dedicated firefighting facility at CTF Ankleshwar. 2. Time bound plan will be prepared and implemented for ROU.. ROU is obtained by ONGC under PMP Act & payments is being disbursed by competent Authority (Dy. Collector). Pending Dues will be cleared as early as possible. 3. ONGC informed that Water based mud is used for drilling activities in ONGC. National Institute of Oceanography (NIO), Goa has carried out Eco toxicity Assessment for different formulations of Drilling muds used in ONGC. Formulations were found to be of 'Non-toxic or practically non-toxic' grades. Drill cuttings with water based mud are not categorized as Hazardous wastes as per Hazardous

	waste Rules, 2016.
ONGC to provide double lane road	Suggestion will be considered under operation activity.
ONGC to appoint local PRO.	Sh. Palanpuria has been appointed as IM at OLPAD installation.

The Committee also discussed the issues raised in the representations of Mr. MSH Sheikh.

9. Total plant area after expansion will be 290 Ha (2 ha./well for 145 wells). The estimated project cost is Rs.2393.49 Crores. Capital cost of EMP would be Rs. 104.54 Crores and recurring cost for EMP would be Rs. 2.26 Crores per annum. Industry proposes to allocate Rs. 1.85 Crores towards Extended EMP (Corporate Environment Responsibility). Total Employment will be 60 persons per well as direct & indirect.

10. There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. within 10 km distance of proposed wells and production installations. Conservation plan for schedule I species has been submitted to PCCF-Wildlife, Gujarat dated 6th February 2023 and a budget of 5 Lacs has been earmarked for the same. Viswamitri (Dhadar) river is flowing through block, Narmada river is flowing through block, Kim river is at a distance 1.0 Km from block boundary towards South Direction, Tapi River is at a distance 6.50 Km from block boundary towards East Direction, and Gulf of Khambat is 5.25 Km from the block boundary towards West Direction.

11. Ambient air quality monitoring was carried out at 22 (twenty-two) locations during 23rd December 2019 to 15th March 2020 and the baseline data indicates the ranges of concentrations as: PM₁₀ (35-73 µg/m³), PM_{2.5} (16-48 µg/m³), SO₂ (5.1-10.5 µg/m³) and NO₂ (9.1-23.6 µg/m³). AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.01 µg/m³, 0.006 µg/m³ and 0.236 µg/m³ with respect to PM₁₀, SO₂ and NO_x. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS). The Committee noted that ambient air quality monitoring was carried out from 23rd December 2019 to 15th March 2020, which is within 3 years as per latest OM.

12. Total fresh water requirement after expansion will be 22 KLD for each well which will be met from local sources. Effluent of 5 KLD per well quantity will be treated through Mobile Effluent Treatment Plant of capacity 25 KLD. The plant will

be based on Zero Liquid discharge system and no effluent/treated water will be discharged outside. All wastewater from the drilling operations will be collected in the drilling fluid storage pit. The wastewater in this storage pits will be recycled and reused during drilling phase. Domestic wastewater during the drilling 2.5 KLD will be treated in mobile STP.

PP informed that total oil Production envisaged from 145 wells: 3342.5 m³/day. Oil produced will be handled through existing production facilities of Ankleshwar Asset viz. CPF Gandhar, CTF Ankleshwar, GGS Nada, Gandhar GGS IV & VII, GNAQ, GGS Dahej. These existing facilities are sufficient to handle the envisaged production and no new production facility is required to be setup.

Handling of Produced Water:

- PP informed that the total produced water envisaged from development wells: 371.3 m³/day. Present handling capacity of ETP at CPF Gandhar is 3200-3500 m³/day against installed capacity of 5000 (m³/day). Present handling capacity of ETP at CTF Ankleshwar is 2800-3100 m³/day against installed capacity of 3500 (m³/day). Present handling capacity of ETP at GGS Nada is 1000-1050 m³/day against installed capacity of 3000 (m³/day).
- Disposal of treated produced water will be through Effluent Disposal wells below 1000 mtr. as per CPCB guidelines
- PP informed that available ETP capacity is adequate to handle additional Produced water generated

13. The power requirement of the drilling rig will be met by using 1x1430KVA, 1x500KVA, 1x250KVA, 1x160KVA, 1x30KVA, 1x1275KVA and 1x600KVA with diesel consumption of about 8 KLD. DG set will be used as standby during power failure and stack height (7.2-13m) will be provided as per CPCB norms to the proposed DG sets. A flare system consists of the flare stack or boom and pipes which collect the gases to be flared. For effective flaring CPCB's document "Oil & Gas drilling and extraction industry" June 2006 will be followed as follows:

- Standard flare design - An efficient test flare burner head will be selected to minimize incomplete combustion, black smoke, and hydrocarbon fallout. Location and height of the flare stack based on maximum ground level concentration criteria & maximum radiation intensity exposure criteria Flare stack- Minimum physical height of stack should be 30 m from ground level.
- Only in those situations and or locations where elevated flares are not technical feasible, then ground flaring may be resorted

14. Details of Process emissions generation and its management:

- There will be No Process emissions generation.

15. Details of solid waste/Hazardous waste generation and its management:

- **Hazardous waste will be generated from Drilling operations are**
 - Used Lubricating oil (10m³/well) - will be collected in metal drums kept in secured area and will be disposed through authorised recyclers.
 - Wastes/ residues containing oil (5-6 kg/well) - will be collected in metal drums kept in secured area and will be disposed through authorised recyclers.
 - Discarded containers/barrels/ liners contaminated with hazardous waste (50 Nos. /year) - Will be disposed as per Hazardous Waste Rules, 2016.
- **Solid waste will be generated from Drilling operations are**
 - Drill cutting generated from Water based Mud, not contaminated with oil (80-270 m³/well) - which are inert materials of shale, sand, and clay; will fall into the lined waste pits.
 - Packaging wastes (2.3 m³/well) - Proper segregation and storage of recyclable waste in designated bins onsite. Recyclables will be periodically sold to local waste recyclers.
 - Kitchen waste (10-15 kg/day) - will be stored in compost pits on a daily basis or disposed-off nearby municipal disposal site via local vendors.
 - Recyclable waste like papers, plastics (Negligible) - Proper segregation and storage of recyclable waste in designated bins onsite. Recyclables will be periodically sold to local waste recyclers.

16. During deliberations, EAC discussed following issues:

- Capital expenditure and operational expenditure of EMP; activities of CER shall be implemented as per details proposed in Annexure I & Annexure-II respectively.

PP submitted undertaking that:

- No drilling activity will be carried in any ESZ, Forest land, CRZ area and within the distance of 1 km from the rivers/waterbodies.
- DG sets at drilling locations will be equipped with self-contained acoustic enclosures meeting the statutory norms.
- Proposed 6 wells will be drilled in Padra Taluka of Vadodara district where Public Hearing was presided by SDM, Padra Taluka.

The committee was satisfied with the response provided by PP on above information.

17. The proposal was considered in EAC Meeting ID: IA/IND2/13456/09/03/2023 held on 09th - 10th March, 2023 in the Ministry, wherein the project proponent and their accredited Consultant M/s. ABC Technolabs India Pvt. Ltd,(NABET Certificate No. NABET/EIA/1922/RA0155 and validity 23rd April 2023), presented the case. The Committee **recommended** the project for grant of environmental clearance.

18. The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined

the proposal submitted by the Project Proponent in desired form along with EIA/EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.

19. The Committee noted that the EIA/EMP report is in compliance of the ToR issued for the project, reflecting the present environmental concerns and the projected scenario for all the environmental components. The Committee has found the baseline data is within NAAQ standards. The Committee has deliberated the action plan proposed by the project proponent to arrest the incremental GLC due to the project. The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have **recommended** for grant of environmental clearance.

20. The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

21. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance **for Development and Production of oil & gas from 145 wells located at 30 ML blocks in Bharuch, Surat and Vadodara districts, Gujarat by M/S ONGC Limited**, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under:-

A. Specific Condition:

- (i). The project proponent shall prepare a site specific conservation plan and wildlife management plan in case of the presence of Schedule-1 species in the study area, as applicable to the project, and submit to Chief Wildlife Warden for approval. The recommendations shall be implemented in consultation with the State Forest/Wildlife Department in a time bound manner.

- (ii). No drilling activities shall be carried out within 500 m from the water bodies.
- (iii). As proposed, no proposed development/production drilling shall be located within forest land and protected area.
- (iv). As proposed, no proposed development/production drilling shall be located within eco-sensitive zones and CRZ in the proposed project.
- (v). Implementation of Action Plan on the issues raised during the Public Hearing shall be ensured. The Project Proponent shall undertake all the tasks as per the Action Plan submitted (Annexure-II) with budgetary provisions during the Public Hearing.
- (vi). The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented (Annexure - I).
- (vii). No pipelines or its part shall be laid in the Forest land/Protected Area without prior permission/approval from the Competent Authority.
- (viii). Total fresh water requirement shall not exceed 22 m³/day and will be met from local sources. Prior permission shall be obtained from the concerned regulatory authority.
- (ix). The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises. Mobile ETP coupled with RO shall be installed to reuse the treated water in drilling system. Mobile STP shall also be installed. The size of the waste pit shall be equal to the hole volume+ volume of drill cutting and volume of discarded mud if any. Two feet free board may be left to accommodate rainwater. There shall be separate storm water channel and rainwater shall not be allowed to mix with wastewater. Level of the Drilling site shall be constructed in such way that outside rainwater should not enter into the drilling site. Alternatively, if possible, pit less drilling be practiced instead of above.
- (x). The company shall construct the garland drain 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.

- (xi). As proposed, produced formation water is stored in formation water tanks shall be disposed to the abandoned wells of ONGC after necessary treatment. Separated water from phase separation system will be treated in an ETP and will be reused. Treated effluent shall meet the water quality standards for re-injection well as per the CPCB/SPCB guidelines. PP shall monitor water quality of treated effluent regularly and maintain records.
- (xii). During production, storage and handling, the fugitive emission of methane, if any, shall be monitored using Infra-red camera/ appropriate technology.
- (xiii). The project proponent also to ensure trapping/storing of the CO₂ generated, if any, during the process and handling.
- (xiv). Approach road shall be made pucca to minimize generation of suspended dust.
- (xv). The project proponent shall make all arrangements for control of noise from the drilling activity. Acoustic enclosure shall be provided for the DG sets along with the adequate stack height as per CPCB guidelines.
- (xvi). Drill cuttings separated from drilling fluid shall be adequately washed and disposed in HDPE lined pit. Waste mud shall be tested for hazardous contaminants and disposed according to HWMH Rules, 2016. No effluent/drilling mud shall be discharged/disposed off into nearby surface water bodies. The company shall comply with the guidelines for disposal of solid waste, drill cutting and drilling fluids for onshore drilling operation notified vide GSR.546(E) dated 30th August, 2005.
- (xvii). Oil spillage prevention and mitigation scheme shall be prepared. In case of oil spillage/ contamination, action plan shall be prepared to clean the site by adopting proven technology. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers.
- (xviii). The project proponent shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. At fixed installations or plants use of ground flare shall be explored.
- (xix). The project proponent 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 of exposure along with self-containing breathing apparatus.

- (xx). Blow Out Preventer system shall be installed to prevent well blowouts during drilling operations.
- (xxi). On completion of the project, necessary measures shall be taken for safe plugging of wells with secured enclosures to restore the drilling site to the original condition. The same shall be confirmed by the concerned regulatory authority from environment safety angle. In case of hydrocarbon not found economically viable, a full abandonment plan shall be implemented for the drilling site in accordance with the applicable DGH / Indian Petroleum Regulations. After completion of drilling of any well, the owner or operator shall restore the well site, remove or fill all pits used to contain produced fluids or industrial waste and remove all drilling supplies and equipment not needed for production.
- (xxii). As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility (Rs. 1.85 Crores), and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds in technical training centers/ support in nearby village's schools, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc., in the nearby villages. The action plan shall to be completed within 1 year as proposed.
- (xxiii). No lead acid batteries shall be utilized in the project/site.
- (xxiv). Occupational health surveillance of the workers shall be carried out as per the prevailing Acts and Rules. All workers & employees shall be provided with required safety kits/mask for personal protection.
- (xxv). Oil content in the drill cuttings shall be monitored and report & shall sent to the Ministry's Regional Office.
- (xxvi). The project proponent shall prepare operating manual in respect of all activities, which would cover all safety & environment related issues and measures to be taken for protection. One set of environmental manual shall be made available at the drilling site/ project site. Awareness shall be created at each level of the management. All the schedules and results of environmental monitoring shall be available at the project site office. Remote monitoring of site should be done.

- (xxvii). PP shall conduct third party audit of compliance of EC condition at an interval one year and its report shall be submitted to IRO, MoEF&CC.
- (xxviii). PP should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground. A dedicated team to oversee environment management shall be setup at site which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis instead of engaging environment monitoring laboratories/consultants. Any non- compliance or infringement should be reported to the concerned authority
- (xxix). The Project Proponent shall undertake Occupational Health survey for initial and Periodical medical examination of the workers engaged in the Project and maintain records accordingly as per the provisions of the Mines Rules, 1955 and DGMS Circulars. Besides carrying out regular periodic health check-up of their workers, 20% of the workers engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any.
- (xxx). PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

B. General Condition:

- (i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (ii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
- (iii) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The

ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).

- (iv) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- (v) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.
- (vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (vii) The project proponent shall also 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 respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- (viii) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 be sent to the respective Regional Offices of MoEF&CC by e-mail.
- (ix) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at <https://parivesh.nic.in/>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

- (x) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
- (xi) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

22. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

23. 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.

24. 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.

25. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.

26. This issues with the approval of the competent authority.

(A. N. Singh)
Scientist-'E'

Copy to: -

1. The Principal Secretary, Forests & Environment Department, Government of Gujarat, Sachivalaya, 8th Floor, Gandhi Nagar - 382 010 (Gujarat)
2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Gandhi Nagar, A wing- 407 & 409, Aranya Bhawan, Near CH-3 Circle, Sector-10 A, Gandhi Nagar-382010
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
4. The Member Secretary, Gujarat State Pollution Control Board, Paryavaran Bhawan, Sector 10 A, Gandhi Nagar-382 043 (Gujarat)
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira

- Paryavaran Bhawan, Jor Bagh Road, New Delhi
6. The District Collector, Bharuch, Gujarat.
 7. The District Collector, Surat, Gujarat.
 8. The District Collector, Vadodara, Gujarat.
 9. Guard File/Monitoring File/Parivesh portal/Record File.

(A. N. Singh)
Scientist-'E'
E-mail: aditya.narayan@nic.in
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ANNEXURE-I

Details of capital and recurring cost of EMP (per well):

Sl. No.	Description	Capital Cost (INR)	Recurring Cost (INR)
1	Wastewater Effluent Management		
	Septic Tank	50,000	5,000
	Water Quality Monitoring		5,000
2	Use of Mobile ETP		3,10,000
3	Noise and Vibration Mitigation		
	Noise Monitoring		3,000
	Maintenance & Cost of Equipment		5,50,000
4	Solid Waste Management	50,000	
	HDPE Lined waste Pit	4,10,000	
5	Air Emission Mitigation		
	Approach Road construction (For new Road having 7.0 m Width	50,00,000	500000

Sl. No.	Description	Capital Cost (INR)	Recurring Cost (INR)
	and 1.0 km length)		
	Air Monitoring		25000
6	Other civil constructions like Cutting Pit / waste pit / Garland Drain	5,00,000	
7	Water Spray to prevent Dusting		10000
8	Training to staff		1,25,000
9	General Awareness in local public		25,000
10	Site restoration in case of abandoned well	12,00,000	
	Total	72,10,000	155800

ANNEXURE-II

Details of extended EMP (CER) activities:

Sl. No	CER Activities	District	Estimated Cost Allocation (INR Lacs)
1	Skill development of local people for enhancing their livelihood opportunities by Skill Development programmes/Vocational Trainings	Bharuch	15
2	Medical Camps / Health check-ups / Financial Assistance for procurement of equipment	Bharuch	10
3	Village development works such as Road Repairs / Road Widening / Internal C. C. Roads in villages / Fixing of Paved blocks on Road	Bharuch	40
4	Village development works such as construction of Drainage lines/RCC channels	Bharuch	20
5	Village Development work such as construction	Bharuch	10

Sl. No	CER Activities	District	Estimated Cost Allocation (INR Lacs)
	of Water storage tanks/ Drinking water system		
6	Plantation/ Afforestation/Green belt development	Bharuch	5
7	Village development works such as Road Repairs / Road Widening / Internal C. C. Roads in villages/Fixing of Paved blocks on Road	Surat	20
8	Village development works such as construction of Drainage lines/RCC channels	Surat	10
9	Skill development of local people for enhancing their livelihood opportunities by Skill Development programs/Vocational Trainings	Vadodara	10
10	Village development works such as Road Repairs / Road Widening / Internal C. C. Roads in villages/Fixing of Paved blocks on Road	Vadodara	10
11	Village development works such as construction of Protection wall to Pond	Vadodara	10
12	Village development works Such as construction of Toilets /Repair of Toilets	Vadodara	10
13	Plantation/ Afforestation/Green belt development	Vadodara	5
	TOTAL		185