Joshi Technologies International, Inc (JTI)

Compliance Report (July-Dec2023) Dholka Oil Field Environmental Clearance vide. no (J-11011/581/2011-IA II(I)

Dated: 25/9/2020) FOR DRILLING 20 WELLS IN DHOLKA BLOCK)







1 INTRODUCTION

1.1 Location of the Block

Block DHOLKA geographically located in Kheda and Ahmedabad Districts of Gujarat.

Location details are as follows:

Talukas: Kheda and Dholka

Districts: Kheda and Ahmedabad

State: Gujarat

1.2 Background

As per the Schedule attached to the EIA Notification 2006, as amended till date, project covered under Project or Activity, 1(b), namely Offshore and Onshore Oil and Gas Exploration, Development and Production requires prior Environment Clearance (EC) from the Impact Assessment Authority (IAA), i.e. the Ministry of Environment and Forests (MoEF), New Delhi.

MoEF has granted Environment Clearance for drilling 20 exploratory wells in the Block with further extension vide its letter F. No. J-11011/581/2011-IA II(I) Dated: 25/9/2020

After Obtaining EC from MoEF and NOC from Gujarat Pollution Control Board, JTI started drilling of wells mentioned in *Table 1-1*.

Total 14 wells were drilled from the period of May-2013 to June-2023 and all of them are under oil and gas production.

Table 1-1: Location Details of Wells

Well Name	Latitude (N)	Longitude (E)	Drilling	Drilling
			started	Completion
DK#34	22°41' 47.80"	72°32' 01.20"	27.05.2013	15.06.2013
DK#35	22°41' 47.80"	72°32' 01.80"	24.06.2013	11.07.2013
DK#36	22°41' 53.90"	72°32' 13.80"	22.07.2013	10.08.2013
DK#37	22°41′46.20″	72°32′09.60″	05.02.2014	03.03.2014
DK#38	22°41′47.20″	72°32′00.60″	06.03.2014	25.03.2014
DK#39	22° 42' 01.10"	72° 32' 24.30"	31.01.2015	16.03.2015
DK#40	22° 42' 01.227"	72° 32' 24.55"	21.03.2015	13.04.2015
DK#41	22° 41' 25.7"	72° 32' 00.30"	20.04.2015	11.05.2015
DK#42	22° 41' 25.70"	72° 32' 0.019"	13.05.2015	02.06.2015
DK#43	22° 42' 2.67"	72°32'22.62"	18.01.2018	17.02.2018
DK#44	22°41'52.89"	72°32'10.52"	24.02.2018	23.03.2018
DK#45	22°41'48.50"	72°32'28.60"	29.03.2018	26.04.2018
DK#46	22°41'56.99"	72°32'21.38"	16.01.2023	15.02.2023
DK#47	22°41'57.01"	72°32'21.80"	21.02.2023	18.03.2023

2 COMPLIANCE TO CONDITIONS OF ENVIRONMENTAL CLEARANCE

The Ministry of Environment and Forests had issued vide its letter F. No. -11011/581/2011-IA $\rm II(I)$ Dated: 25/9/2020 Copy of EC is attached.

Table 2-1: Compliance to Condition Mention in EC

DK#45

DK#46

DK#47

S No	Condition Compliance							
			Specific Condition					
1	Compliance to all the specific conditions mentioned in the existing EC letter no J-11011/920/2007-IA.II(I) dated 15.7.2007 shall be ensured. As proposed the company shall upload the copy of the EC, compliance report on their website.	conditions were	mpleted as per EC granted during fulfilled and copy of the EC, comitindiaprojects.com	•				
3	Ambient air quality shall be maintained at nearest human settlements as per national ambient Air Quality Standards issued by the Ministry vide G.S.R. No 826(E) dated 16 th November, 2009 for PM 2.5, SO2, NOx, CO,	Air Quality Emission 2009 for PM10, PM Closest human sett period at each loca (NABL Certification Annexure-1 . Ambient quality at	uality was monitored near the closest hum in Standards issued by the Ministry vide G. 2.5, SO_2 , NO_X , CO , etc. Idement for each well is given below, ambition from M/s. Kadam Environmental Con No: TC-7099, Issue Date: 27-03-2022 Vathe human settlement and results listed by	S.R. No. 826(E) dated 16th No ent air quality was monitored of sultants (NABL accredited) lid Till: 26-03-2024) Certificate	vember, luring drillin attached a			
	CH4, Non-methane HC	Annexure 2&3		1	1			
	etc.	Well DK#34	Closest Human Settlement Rasikpura	Distance in km 1.5	II.			
				1.5				
		DK#35	Rasikpura	1.5	_			
					- - - -			
		DK#35	Rasikpura	1.5	_			
		DK#35 DK#36	Rasikpura Rasikpura	1.5 1.5				
		DK#35 DK#36 DK#37	Rasikpura Rasikpura Rasikpura	1.5 1.5 1.5	-			
		DK#35 DK#36 DK#37 DK#38	Rasikpura Rasikpura Rasikpura Rasikpura	1.5 1.5 1.5 1.5				
		DK#35 DK#36 DK#37 DK#38 DK#39	Rasikpura Rasikpura Rasikpura Rasikpura Rasikpura	1.5 1.5 1.5 1.5 1.5				
		DK#35 DK#36 DK#37 DK#38 DK#39 DK#40	Rasikpura Rasikpura Rasikpura Rasikpura Rasikpura Rasikpura	1.5 1.5 1.5 1.5 1.5 1.5				
		DK#35 DK#36 DK#37 DK#38 DK#39 DK#40 DK#41	Rasikpura Rasikpura Rasikpura Rasikpura Rasikpura Rasikpura Sahij	1.5 1.5 1.5 1.5 1.5 1.5 2.0				

Rasikpura

Radhu

Radhu

1.5

3

S No	Condition	Compliance						
		Closest Human Settlement	PM10 (100 μg/m3)	PM2.5 (60 μg/m3)	SO2 (80 μg/m3)	NOx (80 µg/m3)	CO (2μg/m3)	
		Maximum	77 (Rasikpura)	39μg/m3 (Rasikpura)	20.68μg/m3 (Rasikpura)	15.81μg/m3	2.1μg/m3 Rasikpura)	
		Minimum	41µg/m3 (Rasikpura)	13µg/m3 (Rasikpura)	8.45µg/m3 (Rasikpura)	7.27μg/m3 (.54μg/m3 Rasikpura)	
		Average	59μg/m3	26μg/m3	14.56µg/m3		.32μg/m3	
4	Mercury shall also be analyzed in air, water and drill cuttings twice during drilling period	Mercury was a to Ro MoEF – Monitoring wa (NABL Certifica	was analyzed in air, wanalyses in air during the Bhopal. Socarried out by NABLetion No: TC-7099, Island reports are attack	the drilling perion accredited labous sue Date: 27-03	od and compliance oratory of Kadam 3-2022 Valid Till: 2	e report of the same Environmental consu	ltants.	
		Well	Date of Sampling	Permi	ssible Limit	Test Method	Result	
		DK#34	05.06.2013		N.S.		N.D	
		DK#35	01.07.2013		N.S.		N.D	
		DK#36	05.08.2013		N.S.		N.D	
		DK#37	24.02.2014		N.S.		N.D	
		DK#38	24.03.2014		N.S.		N.D	
		DK#39	19.02.2015		N.S.	APHA (3500 HgA	N.D	
		DK#40	04.04.2015		N.S.	21 st addition	N.D	
		DK#41	04.05.2015		N.S.		N.D	
		DK#42	29.05.2015		N.S.		N.D	
		DK#43	09.03.2018		N.S.		N.D	
		DK#44	15.03.2018		N.S.		N.D	
		DK#45	11.04.2018		N.S.		N.D	
		DK#46	09.02.2023		N.S.	AAS Method	N.D	
		DK#47	14.03.2023		N.S.	AAS Method	N.D	
			nnalyses in water durin Ro MoEF – Bhopal tim		period. And compli	ance report of the sa	me was	

S No	Condition		Compliance					
		Well no	Sample date	Permissible Limit	Test Method	Result mg/l		
		DK#34	05.06.2013	N.A.		<0.001		
		DK#35	01.07.2013	N.A.		<0.001		
		DK#36	05.08.2013	N.A.		<0.001		
		DK#37	24.02.2014	N.A.		<0.001		
		DK#38	24.03.2014	N.A.	APHA: (3500-Hg-A)	<0.001		
		DK#39	19.02.2015	N.A.	22 nd Edition	<0.001		
		DK#40	04.04.2015	N.A.	APHA: (3111-B) AAS	<0.001		
		DK#41	04.05.2015	N.A.	– 22 nd Edition	<0.001		
		DK#42	29.05.2015	N.A.		<0.001		
		DK#43	09.03.2018	N.A.		<0.001		
		DK#44	15.03.2018	N.A.		<0.001		
		DK#45	11.04.2018	N.A.		<0.001		
		DK#46	09.02.2023	N.A	APHA: (3112-B) – 23 nd Edition	<0.02		
		DK#47	14.03.2023	N.A	APHA: (3112-B)– 23 nd Edition	<0.02		
				1				

Monitoring was carried out by NABL accredited laboratory of Kadam Environmental consultants. (NABL Certification No: TC-7099, Issue Date: 27-03-2022 Valid Till: 26-03-2024) Certificate attached as **Annexure-1** and reports are attached as in **Annexure 2&3**.

Mercury was analyses in Drill Cutting during the drilling period and compliance report of the same was submitted to Ro MoEF – Bhopal time to time.

Monitoring was carried out by NABL accredited laboratory of Kadam Environmental consultants.

(NABL Certification No: TC-7099, Issue Date: 27-03-2022 Valid Till: 26-03-2024) Certificate attached as **Annexure-1** and reports are attached as in **Annexure 2&3**.

Well no	Sample date	Permissible Limit	Test Method	Result mg/kg
DK#34	05.06.2013	N.A.		< 0.001
DK#35	01.07.2013	N.A.		< 0.001
DK#36	05.08.2013	N.A.		< 0.001
DK#37	24.02.2014	N.A.		< 0.001
DK#38	24.03.2014	N.A.	APHA: (3500-Hq-A)	< 0.001
DK#39	19.02.2015	N.A.	22 nd Edition	< 0.001
DK#40	04.04.2015	N.A.	APHA: (3111-B) AAS	< 0.001
DK#41	04.05.2015	N.A.	– 22 nd Edition	< 0.001
DK#42	29.05.2015	N.A.		< 0.001
DK#43	09.03.2018	N.A.		< 0.001
DK#44	15.03.2018	N.A.		< 0.001
DK#45	11.04.2018	N.A.		< 0.001
DK#46	09.02.2023	N.A.	APHA: (3112-B) – 23 nd Edition	<0.0004
DK#47	14.03.2023	N.A.	APHA: (3112-B)– 23 nd Edition	<0.0004

S No	Condition			•	Compliance			
5	Approach road shall be made pucca to minimize generation of suspended	Yes. Approach roa The analysis resul		-	_	=		nnexure 2&
	dust.	Well S	ite	Date of mo	onitoring	PM10 (μg/	m³) PM	2.5 (µg/m³)
		Permissible Limit as per G.S.R. No. 826(E) dated 16th November, 2009			100 (24 Hrs.))	60 (24 Hrs.)	
		Rasikpura		05.06.2013		41		13
		Rasikpura		01.07.2013		53		23
		Rasikpura		05.08.2013		57		26
		Rasikpura		24.02.2014		56		32
		Rasikpura		24.03.2014		53		33
		Rasikpura		19.02.2015		43		19
		Rasikpura		04.04.2015		49		20
		Sahij		04.05.2015		52		23
		Sahij		29.05.2015		59		27
	Rasikpura		09.03.2018		71		28	
		Rasikpura		15.03.2018		77 70		34 39
		Rasikpura Radhu		11.04.2018 09.02.2023		59		21
		Radhu		14.03.2023		53		
0	The company shall make the arrangement for control of noise from the drilling activity.	Yes. The company set with acoustic of Monitoring report	enclosures. of Noise fro	nrrangements for many is as below. M		pise from the dri		
D	the arrangement for	set with acoustic	enclosures. of Noise frommental consinuous TC-709 result are lis	nrrangements for m is as below. M ultants. 99, Issue Date: sted below; and	lonitoring was 27-03-2022 V reports are a	oise from the dri carried out by alid Till: 26-03-2 ttached as in Ar	NABL accredi 2024) Certific	by providing ted laborator ate attached
D	the arrangement for control of noise from the	set with acoustic of Monitoring report of Kadam Environ (NABL Certification Annexure-1 and	enclosures. of Noise frommental consing No: TC-70! result are list	m is as below. Multants. 99, Issue Date: sted below; and	lonitoring was 27-03-2022 V reports are a	oise from the dri carried out by alid Till: 26-03-2 ttached as in Ar	NABL accredi 2024) Certific nnexure 2&3	by providing ted laborator ate attached 3.
D	the arrangement for control of noise from the	set with acoustic of Monitoring report of Kadam Environ (NABL Certification	enclosures. of Noise frommental consin No: TC-70! result are lis	m is as below. Multants. 99, Issue Date: sted below; and K#34 Night Time	lonitoring was 27-03-2022 V reports are a DI Day Time	oise from the dri carried out by alid Till: 26-03-2 ttached as in Ar (#35 Night Time	NABL accredi 2024) Certific nnexure 2&3 DI Day Time	by providing ted laborator ate attached 3. K#36 Night Tim
6	the arrangement for control of noise from the	set with acoustic of Monitoring report of Kadam Environ (NABL Certification Annexure-1 and	enclosures. of Noise frommental consing No: TC-70! result are list	m is as below. Multants. 99, Issue Date: sted below; and	lonitoring was 27-03-2022 V reports are a	oise from the dri carried out by alid Till: 26-03-2 ttached as in Ar	NABL accredi 2024) Certific nnexure 2&3	by providing lated laborator attached
0	the arrangement for control of noise from the	set with acoustic of Monitoring report of Kadam Environ (NABL Certification Annexure-1 and Location Industrial category Permissible limit (dB(A)	enclosures. of Noise frommental consin No: TC-709 result are listed to the desired to the desire	m is as below. Multants. 99, Issue Date: sted below; and K#34 Night Time dB(A)	27-03-2022 V reports are a DI Day Time dB(A)	oise from the dri c carried out by alid Till: 26-03-2 ttached as in Ar (#35 Night Time dB(A)	NABL accredi 2024) Certificanexure 2&: DI Day Time dB(A)	ted laborator ate attached 3. K#36 Night Tim dB(A)
D	the arrangement for control of noise from the	set with acoustic of Monitoring report of Kadam Environ (NABL Certification Annexure-1 and Location Industrial category Permissible limit (dB(A) Leq*)	enclosures. of Noise from mental consinumental consinumental consinumental result are listed by the consideration of the consideration	m is as below. Multants. 99, Issue Date: sted below; and K#34 Night Time dB(A) 70.0	27-03-2022 V reports are a DI Day Time dB(A)	oise from the dri carried out by alid Till: 26-03-2 ttached as in Ar (#35 Night Time dB(A) 70.0	NABL accredicated (2024) Certificate (2024) Certifi	ted laborator ate attached 3. K#36 Night Tim dB(A) 70.0
•	the arrangement for control of noise from the	set with acoustic of Monitoring report of Kadam Environ (NABL Certification Annexure-1 and Location Industrial category Permissible limit (dB(A) Leq*) Maximum	enclosures. of Noise frommental consiners. n No: TC-709 result are list Day Time dB(A) 75.0	m is as below. Multants. 99, Issue Date: sted below; and K#34 Night Time dB(A) 70.0	27-03-2022 V reports are a DI Day Time dB(A) 75.0	oise from the driver out by alid Till: 26-03-2 ttached as in Art (#35 Night Time dB(A) 70.0	NABL accredice 2024) Certification 2024) Certification 2024) Di Day Time dB(A) 75.0	ted laborator ate attached 3. K#36 Night Tim dB(A) 70.0
•	the arrangement for control of noise from the	set with acoustic of Monitoring report of Kadam Environ (NABL Certification Annexure-1 and Location Industrial category Permissible limit (dB(A) Leq*) Maximum Minimum	of Noise from mental consistence of Noise from mental consistence of No: TC-709 result are listence of No: TC-709 result are listence of No: TC-709 result are listence of Noise of Noi	m is as below. Multants. 99, Issue Date: sted below; and K#34 Night Time dB(A) 70.0 55.9 40 46.4	Day Time dB(A) 75.0 65 53 60.5	carried out by alid Till: 26-03-2 ttached as in Ar (#35 Night Time dB(A) 70.0	NABL accredice 2024) Certification 2024) Certification 2024) Discrete 28.3 Discrete 28	ted laborator ate attached 3. K#36 Night Tim dB(A) 70.0 61 43 54.3
•	the arrangement for control of noise from the	set with acoustic of Monitoring report of Kadam Environ (NABL Certification Annexure-1 and Location Industrial category Permissible limit (dB(A) Leq*) Maximum Minimum	of Noise from mental consistence of Noise from mental consistence of No: TC-709 result are listence of No: TC-709 result are listence of No: TC-709 result are listence of Noise of Noi	m is as below. Multants. 99, Issue Date: sted below; and K#34 Night Time dB(A) 70.0	Day Time dB(A) 75.0 65 53 60.5	oise from the dri carried out by alid Till: 26-03-2 ttached as in Ar (#35 Night Time dB(A) 70.0	NABL accredice 2024) Certification 2024) Certification 2024) Discrete 28.3 Discrete 28	ted laborator ate attached 3. (#36 Night Tim dB(A) 70.0
5	the arrangement for control of noise from the	set with acoustic of Monitoring report of Kadam Environ (NABL Certification Annexure-1 and Location Industrial category Permissible limit (dB(A) Leq*) Maximum Minimum Average	enclosures. of Noise frommental consistence of Noise frommental consistence of No: TC-709 of result are listence of No: TC-709 of Noise of	m is as below. Multants. 99, Issue Date: sted below; and K#34 Night Time dB(A) 70.0 55.9 40 46.4 Wight Time	Day Time dB(A) 75.0 65 53 60.5 Day Time	oise from the dri carried out by alid Till: 26-03-2 ttached as in Ar (#35 Night Time dB(A) 70.0 63 56 59.7	NABL accredice 2024) Certification Points 2024 Certification Poin	ted laborator ate attached 3. K#36 Night Tim dB(A) 70.0 61 43 54.3 C#39 Night Tim

Maximum

Minimum

Average

50.9

57.1

46.7

44.7

53.4

S No	Condition	Compliance						
			DK	DK#40 DK		#41	1 DK#42	
		Location	Day Time dB(A)	Night Time dB(A)	Day Time dB(A)	Night Time dB(A)	Day Time dB(A)	Night Time dB(A)
		Industrial category Permissible limit (dB(A) Leq*)	75.0	70.0	75.0	70.0	75.0	70.0
		Maximum	62	45	62	52	61.2	60.4

40

41.9

45

52.4

Minimum

Average

	DK#43		DK	444	DK#45		
Location	Day Time dB(A)	Night Time dB(A)	Day Time dB(A)	Night Time dB(A)	Day Time dB(A)	Night Time dB(A)	
Industrial category Permissible limit (dB(A) Leq*)	75.0	70.0	75.0	70.0	75.0	70.0	
Maximum	61	53.3	72	70.4	56.7	52.4	
Minimum	50	43.5	67	67.2	50.8	47.7	
Average	57.5	49	69.9	69	53.8	49.7	

45

53.4

55

59.3

41

44.7

54.2

58.6

	DK	(#46	DK	(#47
Location	Day Time dB(A)	Night Time dB(A)	Day Time dB(A)	Night Time dB(A)
Industrial category Permissible limit (dB(A) Leq*)	75.0	70.0	75.0	70.0
Maximum	73.5	69.6	73.7	69.3
Minimum	68	64.8	68.3	65.9
Average	71	67.6	70.6	67.8

Yes. Acoustic enclosure was provided to DG sets and proper stack height was provided as per CPCB guidelines.

 $\hbox{Emission of DG Sets were analyzed by M/s. Kadam Environmental Consultants (NABL accredited). } \\$

Monitoring report from May 2013 to June 2023 is as below. Monitoring was carried out by NABL accredited laboratory of Kadam Environmental consultants.

(NABL Certification No: TC-7099, Issue Date: 27-03-2022 Valid Till: 26-03-2024) Certificate attached as **Annexure-1** and result are listed below; and reports are attached as in **Annexure 2&3.**

S No	Condition			Compl	iance					
		Well No.	Date of Sampling	PM mg/Nm3	SO2 ppm	NOX ppm	HC mg/Nm3			
			nit as per consent by SPCB	150mg/Nm3	100 ppm	50 ppm	N.S.			
		DK#34	05.06.2013	24.5	8.1	8.02	1.41			
		DK#35	01.07.2013	27	31.23	13.13	0.68			
		DK#36	05.08.2013	30	29.32	14.25	1.59			
		DK#37	24.02.2014	26.5	29.58	15.25	0.695			
		DK#38	24.03.2014	28	29.65	23.55	1.445			
		DK#39	19.02.2015	88	8.41	9.0	1.5			
		DK#40	04.04.2015	81	30.85	8.52	1.4			
		DK#41	04.05.2015	82.5	10.8	4.42	1.44			
		DK#42	29.05.2015	89	18.22	4.83	1.5			
		DK#43	09.03.2018	59	16.84	6.77	1.68			
		DK#44	15.03.2018	56	13.47	6.56	1.49			
		DK#45	11.04.2018	46	18.73	7.06	1.36			
		DK#46	09.02.2023	66	10.79	7.30	10.92			
		DK#47	14.03.2023	64	13.86	7.81	10.92			
7	Total water requirement shall not exceed 20 m ³ /day.		water Consumption for Drilling		Fire fighting s/m	No. Of Drilling Days	Water Consumption / Day			
			(M3/day)	(M3/day)		Days	(M3)			
		DK#34	16	2.5	0.8	20	19.3			
		DK#35	15.5		0.8					
				3.0	0.6	18	19.3			
		DK#36			0.8		19.3 18.25			
	Prior permission shall be	DK#36 DK#37	15	2.45		18	18.25			
	obtained from the		15 15.75	2.45 2.75	0.8	18 28				
		DK#37	15 15.75 16.0	2.45 2.75 2.25	0.8	18	18.25 19.3 19.05			
	obtained from the	DK#37 DK#38	15 15.75	2.45 2.75	0.8 0.8 0.8	18 28 19	18.25 19.3			
	obtained from the	DK#37 DK#38 DK#39	15 15.75 16.0 15.55	2.45 2.75 2.25 3.2	0.8 0.8 0.8 0.8	18 28 19 45	18.25 19.3 19.05 19.55			
	obtained from the	DK#37 DK#38 DK#39 DK#40	15 15.75 16.0 15.55 16.30	2.45 2.75 2.25 3.2 2.50	0.8 0.8 0.8 0.8 0.8	18 28 19 45 24	18.25 19.3 19.05 19.55 19.6			
	obtained from the	DK#37 DK#38 DK#39 DK#40 DK#41	15 15.75 16.0 15.55 16.30 16.10	2.45 2.75 2.25 3.2 2.50 2.55	0.8 0.8 0.8 0.8 0.8	18 28 19 45 24 21	18.25 19.3 19.05 19.55 19.6 19.45			
	obtained from the	DK#37 DK#38 DK#39 DK#40 DK#41 DK#42	15 15.75 16.0 15.55 16.30 16.10 15.80	2.45 2.75 2.25 3.2 2.50 2.55 2.65	0.8 0.8 0.8 0.8 0.8 0.8	18 28 19 45 24 21 20	18.25 19.3 19.05 19.55 19.6 19.45 19.25			
	obtained from the	DK#37 DK#38 DK#39 DK#40 DK#41 DK#42 DK#43	15 15.75 16.0 15.55 16.30 16.10 15.80 15.50	2.45 2.75 2.25 3.2 2.50 2.55 2.65 3.0	0.8 0.8 0.8 0.8 0.8 0.8 0.8	18 28 19 45 24 21 20 29	18.25 19.3 19.05 19.55 19.6 19.45 19.25 19.3			

S Io	Condition	Compliance						
		DK#47	16	2.8	3	0.8	25	19.6
		Water was sou permission fron				this activity, so	it was not re	equired to ob
	The company shall construct the garland drain all around the drilling site to prevent runoff of any oil containing waste into the nearby water bodies.	Yes. The compacontaining wast				ound the drilling	site to prever	nt runoff of an
3	Separate drainage system shall be created for oil contaminated and non-oil contaminated.	Yes. Separate o	lrainage syste	em was cre	eated for oil cont	taminated and no	on-oil contam	inated.
1	Effluent shall be properly treated and treated wastewater shall conform to CPCB standards.	Yes. Effluent generated during having O & G less than10mg/l therefore is collected i disposal pit lined with HDPE lining for evaporation to atmosphere.						dited) tificate attach
					TDS	COD	BOD	Oil & Grease

Well No.	pH (scale)	TDS (mg/l)	COD (mg/l)	BOD (mg/l)	Oil & Grease (mg/l)
DK#34	12.59	19140	6475	2000	2
DK#35	8.4	9312	2017	627	1.6
DK#36	8.18	1612	823	230	1.2
DK#37	7.08	4172	756	225	<5
DK#38	6.87	3948	770	232	5
DK#39	13.25	19114	6240	1800	<5
DK#40	12.89	19074	6080	1725	5
DK#41	13.08	19088	6166	1725	5
DK#42	13.26	19004	5984	1650	5
DK#43	7.25	2874	5578	1534	4.38

S No	Condition	Compliance							
		DK#44	7.14	2824	5208	1497	4.21		
		DK#45	7.23	2792	4659	1339	4.17		
		DK#46	7.98	2988	11	3	<1		
		DK#47	8.8	3188	18	54	<1		
9	Drilling wastewater including drill cuttings wash water shall be collected in disposal pit lined with HDPE lining evaporated or treated and shall comply with the notified standards for onshore disposal.	Yes. Drilling wastewat lining for solar evapore		cuttings wash w	vater was collect	ed in disposa	I pit lined with	h HDPE	
	The membership of common TSDF shall be obtained for the disposal of drill cutting sand hazardous waste.	Yes. The membership the disposal of drill cut up to 19.4.2026. Mem	tings and hazard	dous waste. The	membership NO	of certificate			
	Otherwise, secured land fill shall be created at the site as per the design approved by the CPCB and obtain authorization from the SPCB.	There was no any sec SPCB.	ured landfill wa	s created at the	site so there wa	as no authori:	zation require	ed from	
	Copy of authorization or membership of TSDF shall be submitted to Ministry's Regional Office at Bhopal.	Yes. Membership of T	SDF has been su	Ibmitted to Minis	stry's Regional O	ffice at IRO G	andhinagar.		

S No	Condition	Compliance
10	Good sanitation facility should be provided at the drilling site.	Yes. Good sanitation facility was provided in Porta cabin with all facilities to drilling staff at site.
	As proposed, domestic sewage shall be disposed of through modular STP.	Yes. Domestic sewage was disposed through sock pits.
11	1- Oil spillage prevention	1- Yes. For oil spillage prevention scheme was prepared which is mention below are:
	scheme should be prepared.	 Garland drain was constructed all around the well pad to prevent runoff of any oil containing waste into nearby water bodies and separate drainage system was created for collection and disposal.
		> All chemicals, Diesel & lube oils used for drilling site were kept in the secondary containments.
		To control the minor spillage from machineries (DG Set, Compressors) were taken care by containment tray.
	2- A contingency action plan for handling any oil spillage/contamination by restricting/containing the affected area and	2- Yes. Contingency action plan for handling any oil spillage / contamination by restricting/ containing the affected area and for cleanup was in place which was based on the use of the Emergency Response plan and MSDS was available at site location for tackling oil spill emergency.
	for cleanup should be in place which should be based on the use of proven technology.	
	3- The recyclable waste (oily sludge) and spent oil should be disposed of to the authorized recyclers.	3- No oily sludge was generated during drilling. Spent oil was used as lubricant at site.
12	The company shall comply with the guidelines for disposal of solid waste, drill	Yes. The company has complied 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.
	cutting and drilling fluids	Drilling fluid was discharged into HDPE lined pit for evaporation. Drill cuttings separated from mud were analyzed for oil and grease which was found <10 gm/kg by M/s.
	for onshore drilling operation notified vide	Kadam Environmental Consultants (NABL accredited)
	GSR.546 (E) dated 30th August, 2005.	and hence as per the notified vide GSR.546 (E) dated 30th August, 2005 drill cuttings were disposed of along with ETP sludge to GPCB authorized TSDF site M/s BEIL Infrastructure Ltd., Dahej
		Manifest no Drill cutting Quantity (MT)
		2119434 (BEIL) 5 MT Drill Cutting and 3.9 MT ETP Sludge
		84484 (NEPL) 15.76
		84486(NEPL) 7.76
		388404(SEPPL) 16.1

S	Condition			Cor	mpliance				
No									
13	The Company shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed.	remediation as ne hazards, containin	Yes. The Company took necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. Specific Drilling Emergency Response Plan was developed to control prevent fire hazards, containing oil spill and other hazards. Environment Management Plan was developed along with EIA for soil remediation in case any oil spill occurred at site. But no soil contamination was observed at any drill site.						
	Possibility of using ground flare shall be explored. At the place of ground flaring, the overhead flaring stack with knockout drums shall be installed to minimize gaseous emissions during operation.	No, ground flaring	No, ground flaring was carried out at any drill site.						
14	The company shall develop a contingency plan for H_2S release including all necessary aspects from evacuation to resumption of normal operations.		ince the discovery of the Dholka field in the year 1966, H2S has never been observed any of the well. lowever, the gas detector was available at the drill site.						
	The workers shall be provided with personalH2S detectors in locations of high risk of exposure along with self-containing breathing apparatus.								
15	The Company shall carry out long term subsidence study by collecting base line data before initiating drilling operation till the project lasts. The data so collected shall be submitted six monthly to the Ministry and its Regional Office at Bhopal.	This EC was taken production.	This EC was taken for infill development drilling purpose, as the field is already producing commercial production.						
16	On completion of drilling,				d cemented safe	ely with the installation	n of X-mas tree as		
	the company have to plug the drilled wells safely and obtain certificate from	per the guideline of Company has obt pollution control b	ained the Cons		(CTE) and CC	A for all the well loca	tion from Gujarat		
	environment safety angle	pollution control b	oard (GPCB).						
	from the concerned authority/SPCB.		Sr nor. No.	Well Site	CTE NO.	Expiry			
			1	DK#34	66330	31-03-2018			
			2	DK#35	66330	31-03-2018			
			3	DK#36	66333	31-03-2018			
			4	DK#37	73978	31-03-2018			
			5	DK#38	60411	31-03-2018			
			6	DK#39	67985	31-08-2019			
			7 8	DK#40 DK#41	67985 67995	31-08-2019 24-11-2019			
					1				
			9	DK#42	67995	24-11-2019			

S No	Condition			Co	mpliance			
	1		10	DK#43	89807	28-11-2022		
			11	DK#44	90662	21-01-2023		
			12	DK#45	90037	05-04-2024		
			13	DK#46	114058	08.08.2028		
			14	DK#47	114058	08.08.2028		
			Well no	GPCB CCA NO		VALID UPTO		
				H-641	88			
			DK#37	H-670	95	04-09-2019		
				A-1046	569	04-09-2024		
				AH-59:	101	24-10-2018		
			DK#34,35,38	AWH-64	1022	25-10-2018		
				W-98161		21-11-2023		
			DK#36	AW-59574		24-10-2018		
			DK#30	W-98009		24-10-2023		
			DK#39,40,43	H-740	20	15-06-2020		
			DI(#35) 10, 13	W-962	266	08-07-2023		
			DK#44	W-954	Ю7	08-07-2023		
			DK#45	W-960	173	08-07-2023		
			DK#41,42	AWH116		30-09-2026		
			DK#46&47	Applied for application process wit	is under			
17	Blow Out Preventer (BOP) system shall be installed to prevent well blowouts during drilling operations. BOP measures during drilling shall focus on maintaining well bore hydrostatic pressure by proper pre-well planning and drilling fluid logging	blowouts. The Commencing drill	Geo Technical Ord ling. Additionally,	der (GTO) for the drilling flui	each well wa d's specific gr	(BOP) system was employ as prepared and readily a avity was carefully maintain e Mud Engineering Service	vailable before ned throughout	
18	etc. Emergency Response Plan (ERP) shall be based on the guidelines prepared by OISD, DGMS and Govt. of India.		Response Plan w ble at drilling site			elines of OISD, DGMS and Annexure 5	Govt of India,	

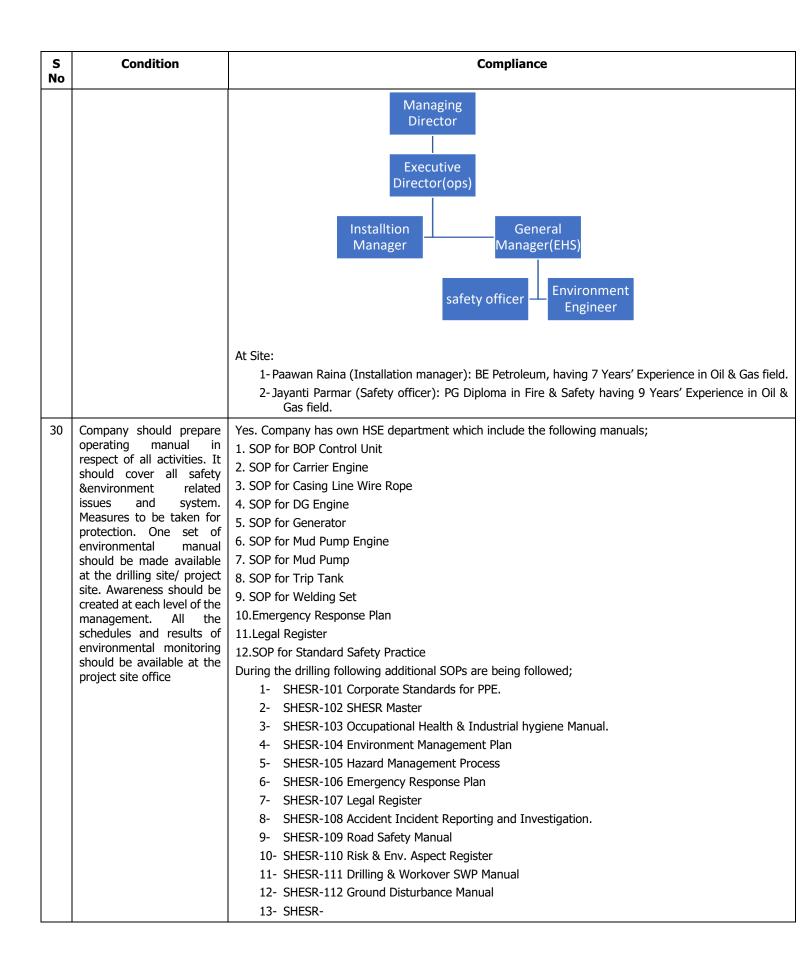
S No	Condition		Compliance							
19	All diesel storage at site should be bunded with adequate fire protection measures.		Yes. All diesel storage at site were bunded with adequate fire protection measures like Foam& DCP portable fire extinguisher along with oil spill absorbent pads for containing the spill.							
20	The company shall take measures after completion of drilling process by well plugging and secured enclosures, decommissioning of rig upon abandonment of the well and drilling site shall be restored the area in original condition.	we have of field, enso DGH (Dire	Currently, all the wells are in production, and there is no need for well plugging at this stage. Nevertheless, we have diligently prepared the Site Restoration and well abandonment plan for all the wells in the Dholka field, ensuring it aligns with the guidelines set forth by the Ministry of Petroleum, OISD & DGMS and the DGH (Directorate General of Hydrocarbons). Furthermore, we have allocated separate funds each year to support the implementation of this plan as per guidelines.							
	In the event that no economic quantity of hydrocarbon is found a full abandonment plan shall be implemented for the drilling site in accordance with the applicable Indian Petroleum Regulations.	f								
21	Occupational health Yes. Occupational Health Surveillance of workers were carried out as per the DGM surveillance of the workers per FORM-0, sample FORM-0 in Annexure6					per the DGMS req	uirement i.e. as			
	shall be carried out as per the prevailing Acts and Contractor Medical Check-up Details									
	Rules.	Sr. No.	Name	Designation	Medical Check-up Date	Details of the Investigation	Occupational Health Issues			
		1	VVDG Gupta	Mines Manager	1&2/04/2021	1-Lung Function Test	Nil			
		2	Nitin Solanki	Installation Manager	1&2/04/2021	2-	Nil			
		3	Jayanti Parmar	Safety Officer	1&2/04/2021	Cardiological Assessment	Nil			
		4	Sagar Pawar	Shift Engineer	1&2/04/2021	3- Neurological	Nil			
		6	Paawan Raina	Shift Engineer	1&2/04/2021	Assessment				
		6	Devang Pandya	Material Manager	12/10/2022	4-Chest Radiograph 5- Platelets Audiometery 6-Lipid Profile 7- Blood Investigation (Urea, Creatine, Tc, Hb, TC, DC, ESR, 8- Urine 9-Stool	NIL			

S	Condition		Compliance						
No									
22	In case the commercial viability of the project is established, the Company shall prepare a detailed plan for development of oil and gas fields and obtain fresh environmental clearance from the Ministry.		Yes. The commercial viability of the project has been established and the detailed development plan has been approved by Directorate General of Hydrocarbon (DGH), Ministry of Petroleum & Natural Gas (MoPNG).						
23	All the commitment made regarding issues raised during the public hearing/		commitment made regarding issues raised during the purpose 2012 for Kheda Dist. and 2^{nd} Nov 2012 for Ahmedald.						
	consultation meeting held on 8 th November, 2011	Sr. No.	Points raised during PH Kheda dist	Status					
	shall be satisfactorily implemented	1	In 2006, application for damage caused due to flood in 2006 was given to pollution control board and Collector office. Till date issue was not resolved.	This matter was not related to proposed projects and is going on in court till present.					
			Land for drilling is privately owned and presently acquired on private basis.	Presently, farmers are paid rent as per ONGC rates which are agreed upon mutual understanding with farmers and revised every 3 years.					
			Rain water of whole village drain through land of well no DK#21, then the problem will be solved.	With the consultation with Sarpanch and villagers jointly, JTI had made a "Nala' near DK#21 to drain rain water and it is working successfully.					
			What the company will do for villagers and their employment?	Currently, more than 70% are employees are working as as operators, contingents and as security from the near by villages in JTI. Moreover, JTI helps financially for development activities in the village.					
		2	In 2006, due to heavy flood, soil was damaged by oil of DK#21. No damage should be occurred due to proposed project.	For matter of 2006, due to heavy flood nearby fields got damaged and farmers had gone to court and till present the matter is sub judicial.					
				Till date no damage occurred due to the proposed project in the area.					
		3	The owner of land of DK#21 is not willing to allow the passage of drain water of whole village through his land.	The land owner has been convinced for the drainage for rain water disposal through his land by paying the rent . JTI had made drainage for the same.					

S No	Condition		Compliance	
				Hence the issue has been resolved.
		Points	raised by Regional Officer, GPCB –Kheda District	
		1	Whether the company has obtained membership of TSDF for discharge of additional proposed waste.	Yes. JTI had the membership of TSDF sites M/s Naroda Enviro projets Ltd and M/s Sauratra Enviro Pvt ltd for waste disposal. Current membership of TSDF Site is of M/s. BEIL Infrastructure Ltd, Dahej
		2	How company will do the abandonment of well in case of no oil found in the well.	Company will follow the guidelines of OISD for well abandonment. However, all the 14 drilled wells are producing oil so
		3	What will be done with gas produced during drilling	abandonment is not required. As per standard oil field operating procedure, there should not be any gas while drilling. However, while drilling if any gas influx/kick is observed, the well is closed and further
				drilling is stopped. Well killing/ gas knockout procedure is followed. The dissolved gas in the mud system is separated in designed equipment (poor boy gas separator). Once the gas is knockout, the drilling is resumed.
		4	Whether the company has obtained membership of incinerator for disposal of oily sludge during proposed project.	No oily sludge was generated during drilling of 14 wells. Drill cuttings generated during drilling was analyzed for Oil & grease parameter by NABL authorized lab M.s Kadam environment Consultants and found less than 10mg/kg. Hence these drill cuttings had been disposed at TSDF site. Moreover, we also have incineration facility membership of M/s. BEIL incase oily sludge generates.
		5	Company need to give undertaking that they will not drill any well till EC/NOC received from competent Authority.	Undertaking for the same was submitted with Minutes of meeting of Public hearing.

S No	Condition			Complia	nce			
		Sr. No.	Points raised du	ring PH Ahmedabad	District	Status		
		1	been improved a	of JTI and ONGC, the nd get benefits of jol n in case of any dam	b. They also		ontinue to do such n the area.	
		2	through Sahij villa	ad leading to JTI's ge to bhatha, should b damage to vehicles an	e maintained	2-3 kms lo through v	4 wells for which ong approach road illage is there and intaining this road	
		3	Framer had not red no DK#17 since 19	reived compensation fo 982.	r land of well	proposed p Moreover, 2 well from O	r was not related to roject. JTI had received this NGC in 1995 and the cquired permanently	
		4	Asked for survey no of wells to be drilled.			Out of 6 wells, 2 wells (Survey.no 273/A/5, village shaij, Tal. Dholka, Dist. Ah'bad have been drilled in private land and 2 will be drilled in Govt waste land. Remaining will be drilled in private land of farmers		
		5	Compensation for land	the well of GSPC locate	ed in farmer's	The issue proposed p	is not related to roject.	
		6		osed in survey no 2 and required to constr t.		Governmen not get this therefore, o	survey no is under at waste land. JTI did a land till present and cancelled to drill the survey no 250.	
			present farmers ar The farmer,85 year	250 is Govt waste land e cultivating crops. ars old and cultivating e many years so this lan	the land of	present and	ot get this land till d therefore, cancelled wells in the survey no	
24	Restoration of the project site after completion of drilling shall be carried out satisfactorily and report shall be sent to the Ministry's Regional Office at Bhopal.	drilled and t at Bhopal. R	The Restoration of the project site after completion of drilling has been done properly for earlier 12 well drilled and the same has been reported in EC compliance report submitted to Ministry's Regional Office at Bhopal. Restoration of the project site for newly drilled 2 wells are under process of restoration, we shall comply and the same will be informed to the board.					
25	Oil content in the drill cuttings shall be monitored by some Authorized agency and report shall be	(NABL Cert	tification No: TC-709 ure-2	vere monitored and and 19, Issue Date: 27-03-2 nd less than 10mg/kg	2022 Valid Till:	26-03-2024)) Certificate attached	
	sent to the Ministry's Regional Office at Bhopal	Well	Date of Sampling	Permissible Limit	Test Mo		Result (gm/kg)	

S No	Condition	Compliance						
		DK#34	05.06.2013	N.A.		4.8		
		DK#35	01.07.2013	N.A.		6.9		
		DK#36	05.08.2013	N.A.		2.3		
		DK#37	24.02.2014	N.A.		7.2		
		DK#38	24.03.2014	N.A.		2.3		
		DK#39	19.02.2015	N.A.	APHA: (5520 B) 23 rd Edition	7.5		
		DK#40	04.04.2015	N.A.	74 1 W (((() 2) 2) 2 2 2 2 2 2 2 2 2 2 2	4.4		
		DK#41	04.05.2015	N.A.		6.2		
		DK#42	29.05.2015	N.A.		4.5		
		DK#43	09.03.2018	N.A.		7.0		
		DK#44	15.03.2018	N.A.		2.5		
		DK#45	11.04.2018	N.A.		6.3		
		DK#46	09.02.2023	N.A	APHA: (5520 B) 23 rd Edition	2.1		
		DK#47	14.03.2023	N.A	APHA: (5520 B) 23 rd Edition	<1		
	Social Commitment based on public hearing issues, locals need and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry Regional Office at Bhopal.	 Main CSR activities were carried out as follows; The infrastructure development work was done for Primary schools in four villages; total expenditure was 23.0 Lac. Road repair work was done in Sahij village; expenditure was 7.0 Lac. Happy Nari sanitary napkin vending machines in 7 villages with napkin stock; costing was 4. Lac. Infrastructure development works were done for Radhu village costing 2.0 Lac. Street Light was installed at Rasikpura village: 2.25 Lac For the Socio-economic growth of the local villagers & health improvement, company is doing work under CSR activities regularly. 						
27	An audit shall be done to ensure that the Environment Management Plan is implemented in totality and report shall be submitted to Ministry's Regional Office		ibmitted to the Boa		l audit every financial year ai 2-23, m/s Paramount Ltd, Va			
28	All personnel including those of contractors shall be trained and made fully aware of the hazards, risks and controls in place	risks and con Safety meetin	Yes. All personnel including those of contractors has been trained and made fully aware of the hazards, risks and controls in place through Safety induction, employees and contractors were involved in-house Safety meeting, training like First aid, Firefighting from recognized third party being done. Training matrix is attached as Annexure7					
29	Company shall have own Environment Management Cell having qualified persons with proper background		y has own Health ed persons with pro		Social Responsibility Mana	gement system (HSE)		



S No	Condition	Compliance
		An Awareness Session on SHESR Management System has been given to corporate and field level employees.
		The Results of environment monitoring of all site is available at project site and head office
		GENERAL CONDITIONS
1	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any other statutory authority	We have uploaded all the compliance report pertaining to the CTE on the GPCB online site on the respective XGN ID's. We also assure that the project authorities are and will strictly adhere to all the stipulations and guidelines set forth by the Gujarat Pollution Control Board (GPCB), the State Government, and any other relevant statutory authority. Compliance with these regulations is of utmost importance to us, and we will ensure that the project operates in full accordance with all applicable laws and standards to protect the environment and ensure sustainable practices.
2	No further expansion or modification in the project shall be carried out without prior approval of the Ministry of Environment & Forests.	No further expansion shall be carried out without prior approval from MoEF&CC other than mentioned in the current accorded EC.
	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 to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any	Ministry of Environment & Forests will be informed and prior approval regarding any modification in the project

S No	Condition			Compliance	
3	The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000 as amended subsequently.		tions under Manufacture, Storage ently during drilling phase.		
	Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained, wherever applicable	for the storage of appropriately displicense surrender, assured, we will cand ensure that a Factories and Fire operation of our particles approved the consent To Estable approved the consent	of explosives. However, we cosed of following the requitive application is being und ontinue to adhere to the stip applicable prior approvals to a Safety Inspectorate, are oproject.	e no longer possess and red formalities and we her review with Chief Contoulations set by the Gujar from relevant authorities, btained whenever required the been taken from Gujar ent wells.	in the Chief Controller of Explosives by explosives as they have been have also initiated the process for croller of Explosive at Baroda. Rest rat Pollution Control Board (GPCB), such as the Chief Inspectorate of the smooth and compliant rat Pollution Boards (GPCB) that is SIHC Rules 2000.
		Sr. No.	Well Site	CTE NO.	Expiry
		1	DK#34	66330	31-03-2018
		2	DK#35	66330	31-03-2018
		3	DK#35	66333	31-03-2018
		4	DK#37	73978	31-03-2018
		5	DK#38	60411	31-03-2018
		6	DK#39	67985	31-08-2019
		7	DK#40	67985	31-08-2019
		8	DK#41	67995	24-11-2019
		9	DK#42	67995	24-11-2019
		10	DK#43	89807	28-11-2022
		11	DK#44	90662	21-01-2023
		12	DK#45	90037	05-04-2024
		13	DK#46&47	114058	08-08-2028
4	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	noise control mea to the standards p The Noise monito (NABL Certificatio	sures including acoustic encorescribed under EPA Rules, ring were carried out byM/s. n No: TC-7099, Issue Date:	closures on DG set. The a 1989 viz. 75 dBA (daytim Kadam Environmental C 27-03-2022 Valid Till: 26	within the standards by providing ambient noise levels shall conform ne) and 70 dBA (night time). onsultants (NABL accredited) 5-03-2024) Certificate attached as attached as in Annexure 2&3.

S No	Condition	Compliance						
	prescribed under EPA		DI	(#34	DK	(#35	DK	(#36
	Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).	Location	Day Time dB(A)	Night Time dB(A)	Day Time dB(A)	Night Time dB(A)	Day Time dB(A)	Night Time dB(A)
	(night time).	Industrial category Permissible limit (dB(A) Leq*)	75.0	70.0	75.0	70.0	75.0	70.0
		Maximum	63	55.9	65	63	66	61
		Minimum	56	40	53	56	51	43
		Average	60.1	46.4	60.5	59.7	59.7	54.3
			DK#37		DK#38		DK	#39
		Location	Day Time dB(A)	Night Time dB(A)	Day Time dB(A)	Night Time dB(A)	Day Time dB(A)	Night Time dB(A)
		Industrial category Permissible limit (dB(A) Leq*)	75.0	70.0	75.0	70.0	75.0	70.0
		Maximum	61	54	65	52	62	52
		Minimum	53	48	53	43	45	41
		Average	58	50.9	57.1	46.7	53.4	44.7

	DK	7 #40	DK	(#41	DK#42		
Location	Day Time dB(A)	Night Time dB(A)	Day Time dB(A)	Night Time dB(A)	Day Time dB(A)	Night Time dB(A)	
Industrial category Permissible limit (dB(A) Leq*)	75.0	70.0	75.0	70.0	75.0	70.0	
Maximum	62	45	62	52	61.2	60.4	
Minimum	45	40	45	41	55	54.2	
Average	52.4	41.9	53.4	44.7	59.3	58.6	

	DK	X#43	DK	7 #44	DK#45		
Location	Day Time dB(A)	Night Time dB(A)	Day Time dB(A)	Night Time dB(A)	Day Time dB(A)	Night Time dB(A)	
Industrial category Permissible limit (dB(A) Leq*)	75.0	70.0	75.0	70.0	75.0	70.0	
Maximum	61	53.3	72	70.4	56.7	52.4	
Minimum	50	43.5	67	67.2	50.8	47.7	
Average	57.5	49	69.9	69	53.8	49.7	

S No	Condition	Compliance						
			DK#46		DK#47			
		Location	Day Time dB(A)	Night Time dB(A)	Day Time dB(A)	Night Time dB(A)		
		Industrial category Permissible limit (dB(A) Leq*)	75.0	70.0	75.0	70.0		
		Maximum	73.5	69.6	73.7	69.3		
		Minimum	68	64.8	68.3	65.9		
		Average	71	67.6	70.6	67.8		
5	A separate Environmental Management Cell equipped with full-fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.	functions. JTI has appointed NABL accredited consultant for carrying out monitoring.					the environmental monitoring nonitoring.	
6	A copy of clearance letter shall be sent by the 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.	Yes. A copy of clearance letter was sent by the proponent to concerned from whom suggestions / representations, were received while Processing the proposal. Environment Clearance letter was sent to all the concerned government departments on 28 th May,2013						
	The clearance letter shall also be put on the web site of the company by the proponent	Yes. The clearance letter has been also uploaded in website of the company. www.jtiindiaprojects.com						
7	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically.							
	It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the GPCB.	Yes. It was simultaneously sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the GPCB.						

S No	Condition	Compliance									
	The criteria pollutant levels namely; PM10, SO ₂ , NOX, HC (Methane & Nonmethane), VOCs (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient	Yes. The criteria pollutant levels namely; PM10, SO ₂ , NOX, HC (Methane & Non-methane), VOCs (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects was monitored and displayed at a convenient location near the main gate of the company in the public domain. Environmental Monitoring at well site was carried out through by M/s. Kadam Environmental Consultants (NABL accredited) (NABL Certification No: TC-7099, Issue Date: 27-03-2022 Valid Till: 26-03-2024) Certificate attached a Annexure-2. The result of monitoring are as per Annexure 2&4 and summary of it is given below:									
	location near the main gate of the company in the public domain	well	PM 10 μg/m3	PM2	2.5	ammoni	a So	2	Nox		
		DK#34	41	13	}		8.4	-5	7.27		
		DK#35	53	23	}	9.33	11.7	79	8.11		
		DK#36	57	26	<u>, </u>	10.29	14.3	32	11.77		
		DK#37	56	32)	11.67	12.8	12.87			
		DK#38	53	53 33		13.47	10.8	10.81			
		DK#39	43	43 19		1.8	9.1	9.13			
		DK#40	49	49 20		2.42	8.3	8.37			
		DK#41	52	23	}	2.69	8.4	-6	7.45		
		DK#42	59	27	,	1.62	7.6	1	7.12		
		DK#43	71	28	3	4.49	20.6	68	12.89		
		DK#44	77	34	-	8.24	18.	.3	14.57		
		DK#45	70	70 39		6.73	12.	14	15.81		
		DK#46	59	59 21		<10	7.3	8	8.36		
		DK#47	53	23	}	<10	6.4	2	9.49		
		Well No.		e of pling	m	PM g/Nm3	SO2 ppm	NOX ppm	HC mg/Nm3		
		Permissible L issue	imit as per o ed by SPCB	consent	150	Omg/Nm3	100 ppm	50 ppm	N.S.		
		DK#34	05.06.2	2013		24.5	8.1	8.02	1.41		
		DK#35	01.07.2	2013	27		31.23	13.13	0.68		
		D14#26		05.08.2013		30	29.32		1.59		
		DK#37	24.02.2	2014		26.5	29.58	15.25	0.695		
		D1/ #20		4.03.2014		28	29.65		1.445		
		DK#39			88		8.41	9.0	1.5		
		15.0		19.02.2015 04.04.2015		81	30.85	8.52	1.4		
		DK#41	04.05.			82.5	10.8	4.42	1.44		
		DK#42		29.05.2015		89	18.22	4.83	1.5		
		D14# 45	23.03.	2013		09	10.22	כטיב	1.5		

DK#43

09.03.2018

59

16.84

6.77

1.68

S	Condition	Compliance							
No							1		
		DK#44		15.05.2010		56 13.4		6.56	1.49
				11.04.2018	46 18.7		3	7.06	1.36
		DK#4		09.02.2023	66	10.79	9	7.30	10.92
		DK#4	17	14.03.2023	64 13.8		6 7.81		10.92
8	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions	stipulated by e-mail)	environ to the	nmental conditions Regional Office of	omitted six monthly is including results of MOEF, the respective	monitored ve Zonal O	data ((both in hard copie f CPCB and the GPC	s as well as
	including results of monitored data (both in	Sr. No.	Dura	tion of Six mont	thly EC Complianc	e report	Date	of Submission	
	hard copies as well as by e-	1		May 201	3- March 2014		1:	Ith April, 2014	
	mail) to the Regional Office of MOEF, the respective	2		May 2014	4 to June 2015		2	25th July,2015	
	Zonal Office of CPCB and	3		July 2015	to March 2016		2	5th april,2016	
	the GPCB. The Regional Office of this Ministry	4		June 20	016 Dec 2016		28t	h January 2017	
	/CPCB / GPCB shall	5		June 2018 t	o December 2018		28tl	n February 2019	
	monitor the stipulated conditions. Environmental		F	From 2018 to 202	2 Please see note be	elow			
	Clearance and six monthly compliance status reports	6 January 2023 to June 2023 28 th July 2023							
website of the company. Note: We would like inform to the good office that due NO drilling active the Covid pandemic on the drilling project, there have been no updated. However, we have recently drilled two additional wells. As a result, the updated, and moving forward, we will ensure regular updates are main.					t, the	compliance report I			
9	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Offices of the MOEF by email	Complied and Form-V has been uploaded on the GPCB online site at respective XGN ID's							
10	The Project Proponent shall inform the public that the project has been accorded environmental	Information regarding EC accorded for the project was published in newspapers in English as well as Vernacular languages. Copy of Newspapers is attached The copy of newspapers were attached along with the first six monthly compliance report submitted to Regional Office of MOEF&CC .the public notice						ched along	

S No	Condition	Compliance				
	clearance by the Ministry and copies of the clearance letter are available with the GPCB and may also be seen at Website of the Ministry of Environment and Forests at http:/envfor.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 Regional office.	was published in Guajarati newspaper Gujarat Samachar 01/06/2013.Englsih newspaper is Times of India 01/06/2013. JOSHITECHNOLOGIES INTERNATIONAL INC. (उ.TI) - INDIA PROJECTS. 701, Parabwanath E Square, Algioent to Tilanium Building, Corporate Road, Prohability and Square, Almedada 300 15, Phone 1752/270304 NOTICE REGARDING ENVIRONMENT CLEARANCE (EC) TO DRILL DEVELOPMENT VIELLS IN POLICA BLOCK FROM MINISTRY OF ENVIRONMENT & FOREST (MOEF), GOVERNMENT OF INDIA It is hereby informed to all the concerned by this notice that Environment Clearance is granted by Ministry of Environment & Forest (MOEF) through their letter dated 27-5-2013 for drilling of 20 nos. of development wells in Dholka Block. Copy of this letter is available at the offices of the company & Ministry of Environment & Forest (MOEF). It can also be seen on the website of MoEF, http://envfor.nic.in **Action Anna Square				
11	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 commencing the land development work	Not applicable				