

CEPI ACTION PLAN

SURAT

PART-A PANDESARA CLUSTER

PART -B SACHIN CLUSTER

PART-A PANDESARA CLUSTER

Sr. No.	Activity	Issue	Action	Implementing Agency/ Organization	Time Frame	Financial Implication and outlay
Water						
1	Up gradation of CETP	-	Addition of 4 Nos of SBR Basins to enhance retention time of waste water from 12 hours to 22 hours	PIL	July 2020	To be borne by CETP
			Providing fine bubble, retrievable type diffuser system for providing aeration in new SBR basins.	PIL		
			Installation of Flow Meter (SCADA base) and Centralized flow monitoring system through GSM Telemetry at CETP to Monitor discharge flow from member industry.	PIL		
			CETP shall totally eliminate use of fresh water within 3 Months	PIL		
			Providing Solar Sludge Drying System for drying of CETP sludge	PIL		
2	Strengthening	-	Random monitoring of member industry of CETP	PIL/PIA	Ongoing	

	of Monitoring system				process	
			<p>Sampling from following points</p> <p>a- Upstream of CETP discharge point</p> <p>b- Downstream of CETP discharge point</p> <p>c- PIL CETP Outlet</p>	PIL	Weekly	To be borne by PIL
			<p>To monitor surface water sampling points for concerned parameter at following locations and identify source of contamination of these surface</p> <p>a- Bamroli Pond, Nr. Milan Point, Vill: Bamroli</p> <p>b- Jiav lake, Nr. GEB substation, Vill: Jiav</p> <p>c- Bhedwad Khadi, Nr. Pramukh Park Road, Opp. Dada Associate, Pandesara</p>	PIL	Weekly	
			To monitor ground water sampling points for concerned parameter at	PIL	Monthly	To be borne by PIL

			<p>following locations.</p> <p>a- Vidheswar Temple, Udhana-Navsari Road, Nr. Navin florin, Pandesara</p> <p>b- Jiav, Nr. GEB substation, Vill: Jiav</p> <p>c- Chiku Wadi, Nr. Comet Motor, Pandesar Piyush Point, Pandesara</p>			
AIR						
3	Upgradation of fuel firing system	-	Auto fuel firing systems provided by textile processing units	Individual Industry	April 2020	To be borne by Individual Industry
4	Up gradation of road network with re-carpeting and green belt development.	-	To control the emission/dusting all roads shall be metal road / CC Road in CEPI area	SMC & PIA	Nov 2020	To be borne by SMC & PIA
			SMC & PIA will cover complete area in GIDC-Pandesara by Asphalt and wall to	SMC & PIA	Nov 2020	To be borne by SMC & PIA

			wall remaining portion will be covered by Paver Blocks.			
5	Strengthening of Monitoring system	-	To monitor member industry, stack gas emission on random basis.	PIA	Ongoing process	To be borne by PIA
			To monitor ambient air quality for the estate for one season at following locations a- SGTPA Office, GIDC, Pandesara b- Skill Development Center c- Pandesara Pumping d- CETP of PIL, Vill: Vadod	GPCB Under NAMP/ SAMP	Monthly	To be borne by GPCB
			Install new CAAQMS in GIDC Pandesara.	PIA	March-2021	To be borne by PIA and SMC
			Common Boiler for Steam Generation: • Pandesara Industrial Association shall explore the possibility of common boiler concept.	Pandesara Industrial Association	Feasibility report will be prepared by Aug-2020	To be borne by PIA/ Facilitator
	Strengthening of Monitoring system		Additional plantation shall be carried out within the CEPI area in demarcated	PIA	Ongoing process	To be borne by PIA

			green belt by concerned authority/ Social Forestry			
LAND						
6	Strengthening of Monitoring system	-	Regular Monitoring of Storage and Disposal of Hazardous Waste generated from member industries.	PIA	Ongoing process	To be borne by PIA
HEALTH						
7	Health Survey	-	Health study shall be carried out in CEPI Area including extended up to 5 Kms radius as per format given by MoEF&CC.	PIA	August 2020	To be borne by PIA

PART -B SACHIN CLUSTER

Sr. No.	Activity	Issue	Action	Implementing Agency/ Organization	Time Frame	Financial Implication and outlay
WATER						
1	Up gradation of CETP- SIEL	-	Installation of Pre-Settling Tank at inlet of CETP for improving efficiency in primary treatment	SIEL	July-2020	To be borne by CETP-SIEL
			Installation of Fine Screen Chamber and Mechanical Fine Screen at the inlet of CETP: 2 nos.	SIEL		
			Additional of 2 nos. of Aeration Tank with Activated Sludge Process to enhance retention time from 10 hours to 16 hours	SIEL		
			Providing fine bubble type diffuser system for providing aeration in new Aeration Tank.	SIEL		
	Installation of Secondary Clarifier with mechanism for Activated Sludge Process.		SIEL			
	Installation Additional Sludge Dewatering System consisting of Filtration Equipment		SIEL			
	Installation of Flow Meter (SCADA base) and Centralized flow monitoring system through		SIEL	July-2020	To be borne by CETP-SIEL	

			GSM Telemetry at CETP to Monitor discharge flow from member industry as per consent condition			
			Providing Solar Sludge Drying System for drying of CETP sludge.	SIEL		
Up gradation of CETP- GECL	-	Explore viability of additional of MEE/Spray Dryer with and /or crystalliser	GECL	July 2020	To be borne by CETP-GECL	
		Monitoring of member industry for segregated storage of wastewater at industry premises including provision of separate storage tanks at member industry.	GECL	Ongoing process		
		Sampling and analysis of wastewater sample prior to loading into tanker for transport to CETP to ensure that segregated waste water is received at CETP	GECL	Ongoing process		
		GPS based tracking system installation in Effluent Tanker	GECL	April-2020	To be borne by CETP-GECL	
		CETP shall totally eliminate use of fresh water	GECL/SIEL	April 2020	To be borne by CETP-SIEL/.GECL	
				Random monitoring of member industry of CETP	GECL/SIEL	Ongoing process

2	Strengthening of Monitoring system		<p>Sampling from following points</p> <ul style="list-style-type: none"> a- Upstream of CETP discharge point b- Downstream of CETP discharge point c- SIEL/GECL CETP Outlet 	GECL/SIEL	Weekly	To be borne by CETP-SIEL/GECL
			<p>To monitor surface water sampling points for concerned parameter at following locations and identify source of contamination of these surface</p> <ul style="list-style-type: none"> a- GabheniKhadi, Nr. CTX road, Vill: Gabheni 	GECL/SIEL	Weekly	To be borne by CETP-SIEL/GECL
			<p>To monitor ground water sampling points for concerned parameter at following locations.</p> <ul style="list-style-type: none"> a- Sachin Infra, Plot No. P-2, GIDC, Sachin b- Yoganand Farm, Sachin-Navsari Road, Sachin. c- Talangpor, Sachin – Navsari Road, Vill: Talangpor d- Diamond Park, Nr.SEZ Sachin, Vill: Sachin. 	GECL/SIEL	Monthly	To be borne by CETP-SIEL/GECL

AIR

3	Up gradation of fuel firing system		Auto fuel firing systems provided by textile processing units	Individual Industry	April 2020	To be borne by Individual Industry
4	Up gradation of road network with re-carpeting and green belt development.		To control the emission/dusting all roads shall be metal road/CC Roadin CEPI area	Notified Area Authority	Nov 2020	To be borne by Notified Area Authority
			NAA will cover complete area in Notified Area -Sachin by Asphalt and remaining portion will be covered by Paver Block.	Notified Area Authority	Nov 2020	To be borne by Notified Area Authority
5	Strengthening of Monitoring system	-	To monitor member industry, stack gas emission on random basis.	SIEL/GECL	Ongoing process	To be borne by CETP-SIEL/GECL
	Strengthening of Monitoring system		To monitor ambient air quality for the estate for one season at following locations a- Rajlaxmi Fashion b- Diamond Park c- ITI Building d- CTX life science	GPCB under NAMP and SAMP programme	Monthly	To be borne by GPCB
			Install new CAAQMS in Sachin Notified area	SIEL/GECL	March-2021	To be borne by CETP-SIEL/.GECL

			Common Boiler for Steam Generation: <ul style="list-style-type: none"> Expansion of existing steam boiler facility. 	Common Boiler Facilitator	March 2020	To be borne by Facilitator
			Additional plantation shall be carried out within the CEPI area in demarcated green belt by concerned authority/ Social Forestry	SIEL/GECL/NAA	Ongoing process	To be borne by CETP-SIEL/GECL/NAA
LAND						
6	Strengthening of Monitoring system	-	Regular Monitoring of Storage and Disposal of Hazardous Waste generated from member industries	SIEL/GECL	Ongoing process	To be borne by CETP-SIEL/GECL
HEALTH						
7	Health Survey		Health study shall be carried out in CEPI Area including extended up to 5 Kms radius as per format given by MoEF&CC.	SIEL/GECL	Aug-2020	To be borne by CETP-SIEL/GECL