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Gujarat Pollution Control Board Regional Office- Nadiad Inspection Report-SWM Rules-2016

1	Name of Municipality:	Nadiad Nagarpalika SWM site, (ID- 49166)		
_	Transcripting,	survey No. 49-1, 49-2, 50, 58, 59, 60, 61, 62,		
		64, 65, 66, 67, 68, 44 paiki, 45 paiki, 47 paiki,		
		48 and 53 of village Kamla, Manjipura Road,		
	Taluka:	Nadiad		
	District:	Kheda		
	e-mail:	nadiadmunicipality@yahoo.com		
	Fax:	(0268) 2551378		
	Mobile:	9687780004		
	Telephone:	0268-2551376/77		
2	Name of Chief Officer	Shri Rudresh J. Hudad,		
		Mobile No.: 9687780004		
3	Name and designation of person contacted	Mr. Shri Rudresh J. Hudad:- Chief Officer		
4	Population as per 2011 census	218,095		
5	Waste generation per day in Tones	85 MT/day		
5(a)	1. Status of the Authorization with details	Applied for the Authorization.		
	2. Status of Annual Report submission Yes, Submitted.			
	Solid waste Generation and	*		
6 Status of Segregation of waste at source is adopted in No				
	three containers			
	(1) Green			
	(2) White			
	(3) Black			
7	7 Door to Door collection system YES (98%)			
	Implemented? (Yes/ No)			
	Numbers of Houses Covered.			
8	During house to house collection, whether waste is	No		
	collected in green and white containers separately			
9	Method of collection of waste from slums and squatter	Door to Door system &		
	areas or localities including hotels, restaurants, office	Containers		
	complexes and commercial areas			
10	Method of waste collection from slaughter houses, meat	No Slaughter house		
	and fish markets, fruit and vegetable markets	Fish market-door to door system		
11	Street Sweeping:			
	a. Length of Road, Streets, Lanes in city.	304 km		
	b. Frequency of Street Sweeping			
	1. Manual Sweeping	Yes		
	2. Mechanical Sweeping	Yes. (One nos.)		
12	Has mixing of biomedical waste and industrial wastes	No.		
	been notices with SW?			
13	Whether construction or demolition wastes or debris	Yes.		
mixed with SW or not?				
	If not, what methods are adopted for collection and			
	disposal?			
14	Is waste (garbage/dry leaves) being burned?	During visit burning of waste is not observed.		
	If yes, give location			
15	Status of Secondary waste collection system:			
	a. Metal containers at Numbers of Locations	-		
	b. Plastic Containers at Numbers of Location	-		
	c. RCC containers at Numbers of locations			
	Transportation.			

16	Whether Stray animals are observed near waste / transfer/storage facilities?	Yes.
17	What is a frequency of waste collection from	-
1,	Secondary Waste collection system? And quantity per	
	day?	
10	1 •	
18	Collection and Transportation method of SW	212
	a. Give numbers of persons engaged,	312
	b. Number of vehicles used,	33
	c. Numbers of transportation stations	00
	d. SW covered while transportation,	Yes
	e. Are vehicles over loaded?	No
	f. Details regarding system of waste pickers and	Nil
	self help groups adopted	
	Processing Facilitie	S
19	Processing of municipal solid wastes	
	a. Is biodegradable waste treated by methods of	No, not started, yet.
	composting/digestion?	, , , , , , , , , , , , , , , , , , , ,
	b. It yes give details.	
20	Is RDF generated?	Yes, unit has started process of legacy waste.
20	If yes Qty/month	@1000 MT/Month.
21		Yes
21	Is Recyclable waste segregated and sent for recycling?	1 55
	If yes,	
	Give name and address with Qty / month	
	Landfill Facilities	
22	Brief details of design of land fill site – Dimensions of	
	land fill with Survey No, area and topography.	Sanitary Landfill site is not developed, yet.
	a. Designed Life of land fill site in years :	
	b. Liner provided?	
	c. If Yes, Details:	
	d. Leach ate collections system provided?	
	e. If yes, what leachate Treatment system	
	provided?	
	f. Gas vent / collections system provided?	
	Checklist of Facilities at the site:	
	a. Fenced or hedged and provided with proper gate	
	to monitor incoming vehicles.	
	b. Approach and other internal roads provided and	
	maintained to avoid dusting / fugitive emissions.	
	c. Weigh bridges to measure quantity of waste	
	brought at landfill site,	
	d. Fire protection equipments and other facilities	
	provide.	
	e. Utilities such a drinking waste (preferable	
	bathing facilities for workers) and	
	f. Lighting arrangements for easy land fill	
	operations when carried out in night hours	
	provided	
	Operational Facilities at Landfill Site	
	a. Compaction of land fill is done by using	Sanitary Landfill site is not developed, yet.
	compactors/road rollers etc?	
	b. Daily cover (soil/inert debris)	
	c. During monsoon intermediate cover with proper	
1	compaction and grading provided?	
	d. Proper drainage bream constructed to divert run	
	off away from the active cell of the land fill	
	provided?	
L	promata	

	Brief details of final cover, if Landfill cell is covered.	Sanitary Landfill site is not developed, yet					
24	Whether Storm water drains are diverted to minimize	Sanitary Landfill site is not developed, yet					
	leachate?						
	Environmental Surveilla	ances.					
25	Whether samples collected to check the ground waste						
	quality within 50 meters of the periphery of the land fill						
	site during summer, monsoon and post monsoon periods						
	from upstream and downstream of land fill?						
26	Is bad odor felt around land fill?	Yes					
27	Is ambient air quality monitoring at the land fill site and	No.					
	at the vicinity done two times in a year for town or cities						
	having population between one and ten lakhs.						
28	Buffer Zone Provided? If Yes,	No.					
	a. Width in meters.						
	b. Land use of Buffer Zone.						
	29 Details of plantation at land fill site Sanitary landfill site is not developed, ye						
30	Any other information:-						
	M/s. Kamla Dump site of Nadiad Nagarpalika is in	1					
	MSW segregation and processing at dump site is observed going on. Solid waste @ 85 MT/Day						
	generated from Nadiad Nagarpalika area is being dumped at this site (22.716209, 72.850557).						
	Nadiad Nagarpalika has done MoU with agency of M/s. Dayacharan & Co., Delhi dated.						
	29/04/2023, regarding process and disposal of legacy waste. During visit trommel machines-02						
	nos. are observed working at the site. Person conta	cted informed that, presently legacy waste					
	@1200 MT per day is being processed. Nagarpalika	has constructed boundary wall @ 900 meter					
	boundary at North- East side, remaining work of b	•					
	During visit Fresh Municipal Solid waste is observ						
	being generated; hence unit has been instructed to ta	•					
	provide fire safety machinery on permanent basis. I	• 1					
	sample was taken. During inspection Ambient Air						
	smoke. During inspection one Groundwater sample						
	site. Unit has been instructed to develop sanitary la						
	earliest. Nagarpalika has yet not paid pending lab charges.						

Date: 30/03/2024

Place:

V.S.Parmar (SSA) Village- Kamla,

Marmar.

Nadiad

U.G Mistry (AEE)

V.M.Panhalkar (RO)

v.m.Panhalkar

Photographs taken during the inspection of SWM site of Nadiad Nagarpalika at Kamla





Gujarat Pollution Control Board

PCB Id: 49166

(Inspection Report) - Air, Water, Hazardous (Under Section 23 of The Water Act 1974, Under Section 24 of The Air Act 1981 and Under Section 10 of EP Act 1986) **Industry Details** Nadiad Nagarpalika Swm Site Outward No: 24994-25/04/2024 Email: PLOT NO: At village Kamla., Nr Kamala chaukadi, Nadiad-Mahemdavad road, Nadiad - 387001 Telephone: DIST: Kheda, TAL: Nadiad, SIDC: Not In Gidc 9687780004 **Inspection Id: 777981** (**Routine Visit**) Ro Name: Nadiad Type / Scale / Sector / Status: RED / SMALL / Common treatment and disposal facilities (CETP, TSDF, Ewaste recycling, CBMWTF, effluent conveyance project, incinerator, solvent/acid recovery plant, MSW sanitary landfill site) / Applied - CTE/NOC **Inspection Dt & Time:** 30/03/2024 11:00 / Air, Water, Hazd **Person Contacted:** Mr Paresh A Kshirsagar-Asst Er 3 Env Audit Detail: Sch: N.A, , Year: , On Dt: **Production Start Dt:** 01/01/2015 Commissioned Dt: **Applicability of CRZ Rules:** No Water Consumption in Kilo Lts Per Day Ind: 0.000 Dom: **Borewells:** 1 1.000 Dom: 0.800 Tubewells: 0 Waste Water generation / Discharge (klpd): Ind: 0.000 **Consumer No.(Electric Meter):** Source of Water Supply: ---Disposal Mode of Industrial / Domestic: Zero Discharge / Irrigation Discharge Pt / Final Receiving Body (Ultimate): / No generation of industrial wastewater 9 **Status of water consent Under the Water Act,1974:** - Last Inward: 11 **Effluent Treatement plant (ETP): Units, if provided and status:** No Data Whether Industry is a member of CETP? No 13 Boilers=0, DG Sets=0, Flue Gas =0, Process =0, ETP Cap = 0, Capacity of All = 0.5 No Data No Data No Data 14 **TSDF Name:** Not Regd with any TSDF 15 Lab Charges Pending: Rs. 49290.00 Water Cess Charges Pending: NIL 16 Water Cess Return: Last Env. Form V: ---**HW Monthly Return:** Defaulter 17 **Last 3 Legal Action: Insp Dt Insp ID IR-Leg** Out No Act Leg Dt For Type 21/09/2022 SCN 07/11/2022 687404 SCN ROU 687729



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One	Time Updations		
0 -	Air - Water - Hazd ACTs Applicability ?	Air, Water, Haz	
e -	Electric Company Name (Power Supply)		
p -	On East Direction of the location of the Company	-	
p -	On North Direction of the location of the Company	-	
p -	On South Direction of the location of the Company	-	
p -	On West Direction of the location of the Company	-	
0 -	Production since (Date) or Proposed	01/01/2015	
g -	Nos of Stacks (Flue Gas & Process)	0, 0	
k -	Recycler Registration Valid ??	N.A	
j -	Name & Address of MAIN Re-Cycler		
h -	Regd with T.S.D.F	Not Regd with any TSDF	
i -	Recyclable Hazd Waste Disposal to	O/s State	
f -	Display Board Provided at the Entrance ?	Yes	
1 -	CETP Name	NOT a CETP Member	
n -	Nos of Flow-Meters - W.C / W.W.G / ETP =	0, 0, 0	
d -	Is Industry ZERO DISCHARGE Catg (If Yes, HOW ?)	No.	
m -	W.W.G Treatment thru Pri / Sec / Tertiary / N.A:	Not Applicable	
Gen	neral Observation		
a -	R.O File No	49166	
a -	Is the Industry in Operation ??	Yes	
b -	Industry Operating without CCA	No.	SWM authorization is under process.
c -	Has Production exceeded (last 3 MTHs) than CCA-Qty	No.	1
d -	Any products-NOT in CCA, manufactured-Last 3	No.	
u -	MTHs		
e -	Foul Odour/Fugitive Emission/Bye Pass in Premises ??	No.	
t -	Industry Name CHANGED in recent times ??	No.	
g -	Has Regn with CETP or TSDF expired ??	N.A	
h -	Seperate Energy Meter for A.P.C.M?	N.A	
h -	Provision of any STAND-BY Pump ??	N.A	
Air	Related		
a -	Fuel Type confirmitive with CCA ?	Yes	
b -	Av. Fuel Consumption EXCEEDING CCA limits	No.	
c -	APC Measures confirmitive with CCA conditions ??	Yes	
d -	ALL APCMs are in operation	Yes	
e -	SMF availability	Not Reqd	
f -	Thick Smoke observed in Flue Gas/Processes ??	No.	
g -	ph of Scrubbing Media as per requirement ??	Yes	Not Applicable
h -	Ultimate Disposal of Scrubbing Media	N.A	
i -	Nos of Samples : Stack & Ambient	0, 1	
GE			
18 -	Where Authorization Under BMW Rules 2016 obtained ? Provide Authorization No. / Date	No.	Not Applicable
Haz	Waste Related		
a -	Haz waste Catg confirmitive with CCA	Yes	
b -	H.W generation exceeding CCA limits	No.	
c -	Collection, Storage, Treatmnt, Disposal Facility Adequate ??	Yes	
d -	Reusing or Recycling of Haz Waste by Industry?	No	
	•	•	



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e	-	LogBook / XGN Manifests / Disposal Records TALLYING ??	Not At All	
f	-	Stock of Haz-Waste @ premises/Whether EXCESS ?	As per IR	
g	-	Recycler/ Actual user has valid Authorization under rules 6 or 9 of HOWR-2016?	No.	Not Applicable
h	-	Installed capacity of the plane based on machinery installed (Capacity of Machine,No. of Batch/Day,Annual Capacity)		Not Applicable
i	-	Technical capability and equipment complying with the SOP/Guideline?	No.	Not Applicable
j	-	Is unit complying the conditions gives in SOP/Guidelines?	No.	Not Applicable
k	-	Facility is adequate for the applied process	No.	Not Applicable
1	-	Passbook is maintained?	No.	Not Applicable
m	-	Details of PLI, if applicable		
n	-	Details of safety spects provieded by the facility		
О	-	Seprate storage area for Haz. Waste for the utilization or generation from the process is provided?	Yes	
p	-	Quantity of Hazardous waste procured as per CCA?	No.	Not Applicable
W	a	ter Parameter		
b	-	Source of Water Supply		
С	-	W.W.G is EXCEEDING the CCA Limits	No.	
d	-	W.W Disposal as per the Consent Conditions ?	Yes	
e	-	Was the ETP in operation ?	Not Applicable	
f	-	Treatment System ADEQUATE to handle existing effluent	Repair/Main Reqd	
g	-	Did u observe ANY ILLEGAL Discharge ??	No.	
h	-	Nos of Samples collected	1	

Remarks:			

Site Observations during Inspection, PCB-ID: (49166)



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Inspection Crux:

Water Observation:

Air Observation:

Hazard Observation:

General Observation:

M/s. Kamla Dump site of Nadiad Nagarpalika is inspected w.r.to HO-Reference. Detailed MSW IR alongwith photographs taken during inspection are uploaded in attached document. [4703]-25/04/2024 [328]-25/04/2024

- ~ RO Query to Staff: Pl. discuss [328]-25/04/2024
- ~ RO Comments/Reply: As per IR, 1) During inspection Stray animals are observed in the MSW Dump site. 2) During visit Fresh unsegregated Municipal Solid waste is observed burning and heavy smoke is observed being generated 3) Ambient Air Quality found poor during inspection. 4) PM 10 as per Analysis Report 140 Microgram/ Nm3 which is higher 5) Nagarpalika has not developed sanitary landfill site and Bio composting site yet .6) Nagarpalika has yet not paid pending lab charges. Looking to all these points, we may issue NOD. -25/04/2024

I recommend: e. Recommend Notice of Dirn

Point to point reason of recommendation for this action

1) During inspection Stray animals are observed in the MSW Dump site. 2) During visit Fresh unsegregated Municipal Solid waste is observed burning and heavy smoke is observed being generated 3) Ambient Air Quality found poor during inspection. 4) PM 10 as per Analysis Report 140 Microgram/ Nm3 which is higher 5) Nagarpalika has not developed sanitary landfill site and Bio composting site yet .6) Nagarpalika has yet not paid pending lab charges.

W.C Notings: -----[603-AEE]~

Specific Instructions given to Industry at the time of visit, for Pt to Pt Compliance

Gujarat Pollutizn (Springer) Gujarat Pollutizn (Springer)

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- (1) મુલાકાત સમયે unsegregated fresh MSW બળતો જોવા મળેલ છે. જે અન્વયે તાત્કાલિક પગલા લેવા.
- (2) ડંપીંગ સાઇટ ખાતે આગ લાગે ત્યારે તેને ઓલવવા માટેની કાયમી વ્યવસ્થા ઉભી કરવી.
- (3) ડંપીંગ સાઇટ ખાતે Stray Animals જોવા મળેલ છે. તેમજ periphery નાં અમુક ભાગમાં Fencing જોવા મળેલ નથી,
- તો તાત્કાલિક Fencing બનાવવી.
- (5) નગરપાલિકા દ્વારા વહેલી તકે Sanitary landfill site, Bio compositing site કાર્યરત કરવી.
- (6) Pending lab charges તાત્કાલિક જમા કરાવવા.
- (4) Dumping site ખાતે Legacy waste નો હયાત સ્ટોક, RDF, Inert waste નાં નિકાલ, સ્ટોક તેમજ co-processing માટે Cement Industry ને મોકલાવેલ RDF ની Manifest ની નકલ વગેરે માહિતી દિન-૩ માં અત્રેની કચેરીએ રજુ કરવી.
- (7) MSW નાં Transportation માટે વપરાતા વાઠનોને ઉપરનાં ભાગે થી સંપૂર્ણ કવર કરવા.

Compliance Observed in this Inspections.

Instructions in Previous Visits and Reply	Insp Det	Instruction Status
1. Solid waste dump સાઇટ ખાતે કચરો બળે નહિ તેમજ ધુમાડો થાય નહિ તે બાબતે તકેદારી રાખવી.	761456(29/11/23)	
3. SWM સાઇટ ખાતે N-E દિશામાં આશરે @600 મીટરની બાઉન્દ્રી વોલ બનાવેલ છે, જયારે બાકીનું રહેતુ કામ તાત્કાલિક પૂર્ણ કરી તે અંગેની જરૂરી માહિતી રજૂ કરવી.	761456(29/11/23)	
2. SLF સાઇટ ડેવલોપ કરવા અંગેનો time bound action પ્લાન રજૂ કરવો.	761456(29/11/23)	
4. હાલમાં Dump સાઇટ ખાતે સંગ્રહ કરેલ Legacy waste પ્રોસેસ વેસ્ટ (પ્રોસેસ કરેલ Legacy waste), તેમજ RDF, inert waste નિકાલ અંગેની માહિતી દિન-3માં રજૂ કરવી.	761456(29/11/23)	
 કમળા ડિપેંગ સાઇટ, નડિયાદ નગરપાલિકા ખાતે Municipal solid waste હોવા અંગેનાં તા. 01/11/2023 નાં રોજ સમાચાર પ્રસિધ્ધ થયેલ છે અને જેના ધુમાડાને કારણે આજુબાજુની સોસાયટી નાં રહીશોને મુશ્કેલી પડતી હોઇ સદર Dumping site ખાતે કચરો બળે નહી તે બાબતે જરૂરી પગલા ભરવા અને સદર સમાચાર બાબતે ખુલાસો કરવો. 	758828(01/11/23)	
 કમળા ડિપેંગ સાઇટ ખાતે આગ લાગે ત્યારે તેને ઓલવવા માટે જરૂરી સાધનો જેવા ફ્રાયર ફ્રાઇટર વગેરેની કાયમી વ્યવસ્થા કરવી. 	758828(01/11/23)	
4. સાઇટ ખાતે Stray Animal જોવા મળેલ છે તેમજ Periphery નાં અમુક ભાગમાં Fencing જોવા મળેલ નથી તેથી તાત્કાલિક Fencing /દિવાલ બનાવવી.	758828(01/11/23)	
5. નડિયાદ નગરપાલિકા ધ્વરા સદર Site ખાતે Legacy waste નાં નિકાલ માટે Private Agencyને કામ આપેલ છે Agency ધ્વારા process કરેલ Legacy waste અંગેની માહિતી જેવી કે legacy wasteનો હયાત stock, RDF, Inlet waste નો નિકાલ, સ્ટોક તેમજ Co-processing માટે cement Industries મોકલાવેલ RDF ની Manifest ની નકલ વગેરે માહિતી દિન-3માં અત્રેની કચેરીએ રજુ કરવી.	758828(01/11/23)	
7. તા. 18/09/2023 ની જોઇન્ટ કમિટીની મુલાકાત દરમિયાન અત્રેની કચેરી ધ્વારા આપવામાં આવેલ 3-Day Notice ની સુયનાઓનુ દિન-3માં Compliance રજૂ કરવું.	758828(01/11/23)	



Gujarat Polluti**7:30** ntrol Board

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758828(01/11/23)	
758828(01/11/23)	
758828(01/11/23)	
752880(18/09/23)	
752880(18/09/23)	
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Gujarat Polluti**713**Control Board

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Annexure Details - Air, Stack, Hazardous Waste & Samples PCB-ID: (49166)

A Sample Details

:	Sr	Act	Ph/Temp/Air Sampled	Time	Type	Sampling Point	Col-Cond
	1		pm 10 = 566 lit. and 240 lit. for sox and nox in each shift. / 33 ambient	1100-1900		# ambient sampling point ~ aaqm sampling was carried out near msw dump site.	9406/6
	2	W-23	@ 7 to 8 on ph strip / 32	1130-1135	REP	groundwater sample of borewell near msw dump site. ~	Colorless

B Process Stacks

C Flue gases Stacks

Sr	Stack attached to	Mts	Remark	SMF	APCM	Fuel	Consp-Unit	Insp Remk
1	Fugitive Emission	0		N.A	N.A			

D Details about Hazardous Waste Management:

Sr	Source of Hazardous Waste	Catg	Qty/Year	HW Disposal Management
1	Garbage	X -X12	252.000-M.T	COL,DSS,DEC,STO

E Products:

Sr	Product Name	NOC Qty	CCA Qty	Applied Qty	Inspection Remark
1	NOT APPLICABLE	0.000	0.000	0.000	

F Raw material:

G Water Consumption & Generation Break up

S	r Water Code (Qty in klpd - Kilo Ltr per Day)	WC: 1.000	WWG: 0.800	Water Source	Remark
	Others	1.000	0.000	Borewell	

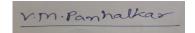
H Solid Waste

Sr	Solid Waste Name	Qty-Unit	Coll Mode	Disp Mode
1	Municipal Solid Waste	2100.000 - M.T	OTH	LAN

Inspection Team: V.M.Panhalkar, S.S.O. - Ujjaval.G.Mistry, AEE - MR. VIKRANTKUMAR SANJAYBHAI

PARMAR

I hereby affirm, that all the PDF, Data mentioned above, fees paid has been checked & certified.



Signature By(V.M.Panhalkar, S.S.O.)