

Government of West Bengal  
Department of Health & Family Welfare (P.H.P. Branch)  
Swasthya Bhawan, GN-29, Sector-V,  
Bidhannagar, Kolkata-700 091



No. 261 (3) –Singly

Date:- 01.08.2018

From: Deputy Secretary,  
Health and Family Welfare Department.

To: ✓ Director, State Urban Development Agency (SUDA)  
Ilgus Bhawan, HC- Block, Sec-III, Salt Lake, Kol-91.

2) District Magistrate, North 24-Parganas.

3) Chief Medical Officer of Health, North 24-Parganas

Sub-Visit Report on Bhatpara Municipality by State and District level team.

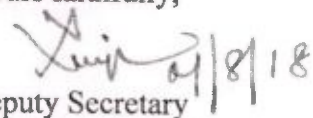
Sir,

In reference to the subject mentioned above, I am forwarding herewith the copy of visit report received from Advisor, Health and Family Welfare Department dated 20.07.2018.

This is for your kind perusal and taking necessary action.

Encl: As stated above.

Yours faithfully,



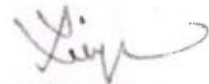
Deputy Secretary

Health and Family Welfare Department.

No. 261 –Singly

Date:- 01.08.2018

Copy forwarded for information to Advisor, Health and Family Welfare Department



Deputy Secretary

Health & Family Welfare Department.

## Visit Report on Bhatpara Municipality Undertaken by State and District level team

- **Place of Visit: Bhatpara Municipality: Ward no. 12, 16 and 17.**
- **Date of Visit:** 19.07.2018
- **Purpose of visit:** Large number of confirmed Dengue cases is being reported from Ward No. 16, 17 and 12 in last 2 weeks. Thus it was decided to visit these Wards to monitor house to house survey work as well as actions taken by the ULB to contain the fever upsurge.
- **Survey Team:**
  1. Dr. Biswaranjan Satpati, Advisor, Health and FW Department,
  2. Shri Rupam Banerjee, Deputy Secretary, Health and FW Department.
  3. Dr. Dipankar Maji, DDHSPH, Health and FW Department
  4. Shri Ashis Saha, Dy Director, SUDA
  5. SDO Barrackpore Sub Division,
  6. Chief Medical Officer of Health, North 24 Parganas,
  7. Jagannath Bhar, OC Health, North 24 Parganas,
  8. Dy. CMOH-II, North 24 Parganas,
  9. Dy. CMOH-I, North 24 Parganas,
  10. District Entomologist, North 24 Parganas,
  11. Representatives from SUDA (MO, PO, Entomologist, Consultant),
  12. Personnel of Bhatpara Municipality,

### **Ward no. 16 and 17: Near Sani Mandir and Durga Mandir**

#### **A. Observation-**

1. Fever cases mostly occurred in slum areas where workers of jute mills reside.
2. House to house activity was going on a regular basis but still there are some peri-domestic neglected places like-
  - a. Narrow spaces between two adjacent houses.
  - b. Backside of households piled with garbage.
  - c. Latrine area
  - d. Unused well.
3. Fogging and spraying activity by conservancy team was going on.
4. **Positive containers:** Waste material made of iron, Unused well, Water storage.
5. **Drain issue:** The main drains were found clean. Distribution of Guppy fishes has been done by ULB. But many drains in the peri-domestic areas were found clogged.
6. Municipality provide pipe-water supply three times a day (5-9 AM, 11 AM- 1.30 PM and 4-6 PM). Local people (mostly of the Bihar/UP origin & working at the Jute Mills) have habit of storing water inside and outside of households for domestic and latrine purposes.

#### **B. Actions Taken at field:**

1. Source reduction of Aedes larvae was done in front of people and told them to make a regular habit of destroying such containers and not to store water for a long days.
2. Told the dwellers to use Mosquito net also during up day time and mosquito repellent oil.



• **Ward no. 12: Kalabagan**

**A. Observation-**

1. slum areas where workers of jute mills reside. Patient's address area was visited (Kamal Pati Devi, age 15). Congested populations.
2. Patient has a migration history (Came from Bihar on last week with high fever, then went to Bhatpara  
SGH for Blood test; sample found NS1 positive at B N Bose hospital).
3. **Positive containers:** Plastic bottle, Oil container, Nearby Pond full of larvae.
4. Drain issue: Most of the drains were found clogged.
5. Operational issue: House to house survey work quality was not satisfactory. It has been superficial  
and container checking at peri-domestic areas were being neglected. The unskilled, unmotivated,  
middle- aged volunteers were not entering the house & not even reaching out to the potential sources  
lying with narrow spaces in between two slum dwellings.

**B. Action Taken at field:**

1. Aedes larva identification in front of local people (Dwellers, other ULB personnels).
2. Source reduction of Aedes larvae done in front of people and told them to make a regular  
habit of destroying such containers and not to store water for a long days.
3. Told the dwellers to use Mosquito net and mosquito repellent oil.



1348-100  
25/7

**Operational Actions taken:**

1. A meeting was arranged at Bhatpara Municipality Hall chaired by Chairperson cum local M.L.A. District Magistrate, North 24 Paraganas, SDO Baranagar, CMOH, Dy CMOH- I, II; officials of Health and FW Department, officials from SUDA, all Councillors, Dengue Nodal Officer (Super of Bhatpara SGH), SI, HO, other ULB Officials MOs under NUHM were present. Discussed about the problem issues and actions to be taken to improve House to house activity. To spray larvicidal at the narrow places between two houses if H2H workers were unable to reach physically. ULB has already started to share Leaflets in hindi and Bengali both at affected wards for IEC purpose. A rally on Awareness against VBD was arranged by ULB with participation of all ULB personnel. Engagement of Councillors, local clubs, High School students to generate awareness's especially in the congested slum areas of where the Vector Control message are not reaching. Small group training of House to House Team & Supervisors to be arranged at UPHC level before the next round especially for the team working at the high risk ward. Involvement of local Jute Mills & L & T (engaged presently in making the sewerage lines) in vector control activities. Regular spraying and fogging are going on in ward no.12, 16, 17.

**Recommendations:**

1. Survey inside the Jute mills to be started to check probable mosquito breeding spots.
2. Increasing time of water supply or proving water tanks in slum areas so that residents don't have to store water in containers.
3. Local School students can be used for awareness generation.
4. House to house workers are not getting their honorarium regularly; which should be intervened at the earliest as it is related to the quality of House to house activity.

**Submitted by:**

*B. Satpathi 20/7/18*

(Dr B R Satpathi)  
Advisor,  
Health and FW Department

*Secy(PHP)*  
*Pr follow up pt.*  
*Dr*  
*20/7/18*

Received On.....
No. 2058 dt. 21-7-18
Referred to :
Remarks
Principal Secretary H & F.W. Deptt.

*DS/PHP*  
*M. abirans .*  
*[Signature]*  
*21/7/18*

## রাজ্য নগর উন্নয়ন সংস্থা

## STATE URBAN DEVELOPMENT AGENCY

“ইলগাস ভবন”, এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ  
 “ILGUS BHAVAN”, H-C Block, Sector - III, Bidhanagar, Kolkata - 700 106, West Bengal

ক্রমিক নং SUDA-Health/361/18/709

তারিখ ০৭.০৮.২০১৮

To  
 The Chairman  
 Bhatpara Municipality

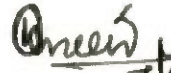
Sub: Required intervention in regards to current dengue outbreak

Dear Sir,

In reference to the recent outbreak of Dengue cases in your ULB and as stated in the minutes of the meeting of State Nodal Monitoring Committee for control and management of Vector Borne Disease you are requested to take necessary action on the following points:-

1. Unused wells in different wards may be sealed or covered with mosquito nets.
2. Strengthen reporting of fever cases in House to House report
3. Improve surveillance of non hospitalized OPD based fever cases through the MOs of UPHCs.


An action taken report in this regards may kindly be sent to the undersigned by 10.08.18

  
 Director SUDA 7/8/18

Memo No. SUDA-Health/361/18/709/1(3)  
 Copy forwarded to:

Date: 07.08.2018

1. Secretary PHP, MD, NHM
2. Executive Engineer, MED, North 24 Parganas
3. Sr. PS to the Principal Secretary, UD & MA Department

  
 Director SUDA 7/8/18



UD/00/2018/07757  
B. Secy UD & MA  
2/8/18

Government of West Bengal  
Department of Health & Family Welfare (PHP Branch)  
Swasthya Bhawan, GN-29, Sector-V  
Bidhannagar, Kolkata-700 091

No. 260-HF/P/PHP/2M-01/2016

Dy Dir, Ashish Saha

31<sup>st</sup> July 2018

From: Deputy Secretary  
Health & Family Welfare Department

- To :
1. Commissioner, Bidhannagar Municipal Corporation
  2. Director, State Urban Development Authority
  3. Shri Tapas Chowdhury, IAS, Special Municipal Commissioner, Kolkata Municipal Corporation
  4. Smt R Vimla, IAS, SPD, Sarva Siksha Aviyan, School Education Department
  5. Commissioner, Howrah Municipal Corporation
  6. Smt P. Chanda, Joint Secretary, WBCS, Women & Child Development and Social Welfare Department
  7. Shri Hindole Dutta, WBCS, Joint Secretary, Panchayats and Rural Development Department
  8. Shri A.B. Das, Additional Chief Engineer, Public Health Engineering Department

This is very imp and urgent, immediate action to be taken

- 1) Please put up the status of engagement of Entomologists in 27 UBS
- 2) Ask Batpara Mun to lead/over-see un-used wells. Monitor and ensure proper reporting of fever cases. Sanitation is to be done
- 3) Collect daily report and put up to me on every evening regarding cleaning other activities in these UBS

3/8/18

Sub: Minutes of the meeting of State Nodal Monitoring Committee for Control and Management of Vector Borne Diseases

Madam/ Sir,

I am directed to send herewith Minutes of the meeting of State Nodal Monitoring Committee for control and management of Vector Borne Diseases held on 25<sup>th</sup> July'2018 at Swasthya Bhawan.

This is for your kind perusal and doing needful.

Yours faithfully,

Encl: As stated

*[Signature]*  
Deputy Secretary

Health & Family Welfare Department

*[Handwritten notes]*  
@ P/HO  
@ Dy. Secy  
above by the Director Sir. immediately

No. 260/1(12)-HF/P/PHP/2M-01/2016

31<sup>st</sup> July 2018

Copy forwarded for information & necessary action to:-

1. DHS & E.O. Secretary, H and FW Department
2. Advisor, H and FW Department
3. Jt. DHS (PH&CD), H and FW Department
4. Dy DHS (PH), H and FW Department
5. Dy DHS (Malaria), H and FW Department
6. Sr. PA to Principal Secretary, Public Health Engineering Department
7. Sr. PA to Principal Secretary, Urban Development and Municipal Affairs Department
8. Sr. PA to Principal Secretary, Panchayats & Rural Development Department
9. Sr. PA to Secretary, School Education Department
10. Sr. PA to Commissioner, Kolkata Municipal Corporation
11. Sr. PA to Secretary, Women & Child Development and Social Welfare Department
12. Sr. PA to Additional Secretary (PHP), H&FW Department

*[Handwritten signature]*  
31/7/2018

*[Signature]*  
Deputy Secretary

*[Handwritten signature]*  
06/08/18

**Minutes of the Meeting of State Nodal Monitoring Committee for Prevention and Management of Vector Borne Diseases**

**Date: 25<sup>th</sup> July, 2018**

**Venue: Green Room of Swasthya Bhawan, Salt Lake**

List of participants is annexed.

Secretary (PHP), Health & Family Welfare Department took chair and welcomed all to the 7<sup>th</sup> meeting of State Nodal Monitoring Committee. He informed that upto the 29<sup>th</sup> week in the year 2018, good number of Dengue laboratory tested positive cases were being reported from Bhatpara, KMC, Kamarhati, Panihati, BMC, Kalyani ULBs and Chakdaha, Kaliganj, Baruipur Blocks.

A joint team comprising of officials from Health and FW, SUDA, North 24 Parganas district administration visited Ward No. 12, 16 and 17 of Bhatpara Municipality on 19.7.2018. Findings were shared with all. It was noticed that fever cases were not reported in the H to H survey works. Some unused wells were found as mosquito breeding spots. SUDA was requested to either seal those wells or cover those with nets.


Special Municipal Commissioner, KMC informed that in spite of repeated requests Kolkata Port Trust did not take action for cleanliness within its jurisdiction under Ward No. 79 and 80. HMC and BMC informed that there was no such report on GoI premises within its jurisdiction.

**The following decisions were taken in the meeting:**

1. **SUDA and Panchayat and RD Department** were requested to intensify cleanliness drive and IEC in Bhatpara, KMC, Kamarhati, Panihati, BMC, Kalyani ULBs and Chakdaha, Kaliganj, Baruipur Blocks.
2. **CMOH North 24 Parganas** would organize further training for House to House workers, Vector Control Teams in small batches at Bhatpara, Kachrapara and Panihati municipalities.
3. **Director SUDA** was requested to arrange posting of 27 Entomologists at ULB level. This would enable ULBs to monitor quality of survey and conservancy works.
4. **Jt Secretary, Panchayat and RD Department** was requested to inform status of training of Village Resource Persons and members of conservancy teams at block level.

5. The online reporting software of H to H survey in rural areas had been prepared by Health and FW Department and demonstration was made before officials of H and FW and P and RD Departments. **Jt Secretary, P and RD** was requested to offer opinion on it so that it could be rolled out.
6. It was decided that fever patients who do not require hospitalization and remain at home to be brought under **surveillance through Full Time MO or Part Time MO** for at least 72 hours after remission of fever.
7. Ten private laboratories within the KMC area were not uploading dengue laboratory confirmed cases in the CE Portal. It was decided that those would be asked to show cause.

Meeting ended with thanks to and from the chair.

  
(G A Ansari)

Secretary (PHP)





Director, SUDA &lt;wbsudadir@gmail.com&gt;

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**Required intervention in regards to current dengue outbreak**

1 message

**Director, SUDA** <wbsudadir@gmail.com>

Tue, Aug 7, 2018 at 1:14 PM

To: Asis Chakraborty &lt;drasis.chakraborty@gmail.com&gt;, Chairperson Bhatpara &lt;bhat\_09@yahoo.com&gt;, Ravi Prasad &lt;bhatparamunicipality@gmail.com&gt;

Cc: mdrhm@wbhealth.gov.in, Rupam Banerjee &lt;rupambanerjee.india@gmail.com&gt;, north24pgsdivisionmed@gmail.com, Urban Development &amp; Municipal Affairs Department &lt;secy.ma-wb@gov.in&gt;, "Ashis Kr. Saha" &lt;ashis.wbcs2001@gmail.com&gt;, cphosuda@gmail.com

Sir/Ma'am,

Kindly see the attachment.

Regards,

**For****Devi Prasad Karanam, IAS****Director SUDA W.B**

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 **required intervention.pdf**  
61K

## **Visit to Bhatpara Municipality on 19.07.18**

In response to a recent upsurge of fever cases in different wards of Bhatpara Municipality, an epidemiological investigation was carried out on 19.07.18

### **Team Members:**

Deputy Director, CPHO, PO, APO & Entomologist from SUDA along with MO, SI, Municipality Staff, HHWs & Supervisors from the ULB

### **Important observations:**

1. Since June around 73 NS1 ELISA reactive cases were reported from BN Bose Hospital on from Bhatpara Municipality. These cases were admitted with fever in Bhatpara SGH and serum samples were tested in BN Bose Hospital.
2. Only three cases were tested for IgM, all found non reactive.
3. Most cases belonged to ward no 17, followed by 16 and 12.
4. M.O. of UPHC is getting an average of 25-30 fever cases / day on OPD, a few of them were tested for NS1 but all of such tested OPD cases were NS1 negative. 20 out of 50 cases were having fever on the day of visit.
5. None of the fever cases have rash and except few most of them did not complaint of any severe joint pain.
6. Fever clusters are there in ward no 17, which has not been captured in H-t -H data.
7. No mortality has been reported so far.

### **Salient points discussed in the meeting with SI and Ward In charge from different wards**

- Ward in charge from ward nos. 3,4,13, 17,18,20,23, 28,31,& 34 were present
- Brief sensitization was given regarding the cleanliness of the area with emphasis on source reduction.
- House hold drains were to be given special focus.
- VCT teams are advised to be more active in dealing with the blocked drains and destruction of vulnerable containers.
- Awareness of the area and Behavioural change of the residents to be taken care of actively by the ULB.

## **Visit to Ward No 17/12 by the team**

- Main drain – Flowing with evidence of Larvivorous Fish
- Bye Lane Drains – Usually flowing except a few areas where they are partially blocked
- Household Drains at the backyard of houses
  - (at BL 10 near Sai baba Mandir) – Blocked,
  - In few areas Blocked and with Larvae Positive
- Fever cluster in few areas – General Fever with constitutional symptoms, some cases admitted in Bhatpara SGH are having NS1 positive.
- Pond (purana talaab) – Clean on most sides except a particular area ( polluted with human excreta)
- Terrace of few houses visited – Mostly clean
- Khatal area – Mostly clean
- Area between the houses – Collection of vulnerable containers ( more than 200 checked, out of which only 5 were Larva positive)
- Peri domestic area at few places showed Larvae Positive in upright bamboo trunks and discarded cycle tyres.

## **Meeting with Dengue Supervisors and Municipal Staff at UPHC building**

1. Findings shared & discussed.
2. Reporting issues discussed & training imparted
3. HTH team to visit the backyard of the houses to detect the containers & blocked household Drains
4. SI and his conservancy staff to take immediate & holistic measures to clean he affected wards
5. To issue notice to the public in case of negligence in their part to clean private properties like ponds & abandoned lands (with permission and help of Chairman & Councillors)
6. The problems faced by the HTH and VCT teams were discussed and brought into notice of the authority

## **Meeting with Chairman, Councilors, DM, SDO, Representatives of State and District Health Authorities**

- Briefing by Health Department –
  - Fever Alert was not evident from the HTH report of the month
  - Hands on training to be given for the HTH and VC team members of the affected wards
  - Samples for Investigation to be sent only to the Govt specified Laboratories
  - Health Dept. will do the cross checking of the collected serum Samples
  - UPHCS (8 in no.) to monitor the trend of Fever cases and facilitate the referral and treatment of patients
  - Situation is not beyond control.

- Chairman assured active action by his staff
  - Water supply to the residents to be improved (by use of Tankers) to reduce the number of stored containers
  - HTH and Conservancy work to be further strengthened
  
- District Magistrate suggested
  - Fever Cluster to be reflected in the report regularly to prevent further transmission of the disease
  - Mosquito nets to be used by all the residents specially the fever cases
  
- Deputy Director, SUDA stated:
  - To combat the problem of water storage, continuous water supply needs to be ensured.
  - Process of providing ELISA machine to the ULB has been initiated
  - Fund for VCT will be released
  - Improved surveillance through Drone technology to detect breeding sites is under consideration

**Overall Action suggested:**

1. Strengthening H-t –H and conservancy work in all days.
2. Monitoring and Reporting of Fever cases and submission of Dengue line lists regularly.
3. Serum IgM detection of some newly discharged NS1 reactive patients.
4. Proper cases management and referral as per protocol.
5. Emphasis to be provided on source reduction.
6. Continous and focused IEC and BCC particularly in regards to storage of water.

## Investigation of cluster of Dengue cases from Bhatpara Municipality

Date: 14.07.18

Visited by: Dr. Debjit Chakraborty, CPHO SUDA

Dr. Paritosh Adhikary, Entomologist, SUDA

Supported by : HO and Nodal officer and other staff of Bhatpara Municipality

### Salient epidemiological observations:

1. 29 newly diagnosed NS1 reactive cases were reported from BN Bose Hospital on 12.07.18 from Bhatpara Municipality (Cumulative 44 cases since June 2018).
2. All the cases were admitted, but except one all were discharged. One lady is still admitted in ESI hospital Kalyani.
3. Only two cases were tested for IgM, both found non reactive.
4. Among these 29 cases, maximum (13) were from ward no 17, other cases were distributed in ward 3,8,9,12,15,16,18,20,28,29.
5. H.O. is getting an average of 25-30 fever cases / day on OPD, a few of them were tested for NS1 but all of such tested OPD cases were NS1 negative.
6. Fever clusters are there in ward no 17, which has not been captured in H-t -H data.
7. No mortality has been reported so far

### Entomological finding:

Ward no (Area)	PeridomesticDrains	containers	Tyres	others
17, (Puranitala,19 &19 B, Guptar Bagan and Momin Para)	7 out of 34 examined had larvae	61 out 106 with larvae	Plenty of larvae	Manhole -25/61, Well – 5/19, Rooftop- 2/9 had larvae.
16 (Kamala High School, BL/7, BL/8)	5 out of 19 examined had larvae.	25/97 containers with larvae		Manholes, water collection around tank at rooftop with larvae
18 (Rustam Gumti Area)	Drain blocked in some parts with larvae		5 tyres are with larvae	Wells -8/16 and corner of rooftop (1) with larvae

**Action taken:**

1. Surveillance was advised to strengthen, ULB staff were advised to capture fever clusters, follow up the confirmed cases and improved reporting in H-t -H and dengue follow up.
2. ULB staff were advised to improve IEC with miking, leaflets with special focus on source reduction and use of mosquito nets.
3. Source reduction was done and encouraged to continue with increased community participation.  
(containers were damaged/ made upside down/ tyres were destroyed)
4. Larvicidal spray was done on some ditches
5. LV fish were released
6. Emphasis was given on planned and sustained effort and reporting.

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Sl No.	Date	Month	Name of the Patient	Age	Sex	Address	District	Place of Admission/Collection	Place of Isolation	Progress	MAC ELISA	NSI ELISA	Date of Discharge	Week No.	Days/Weeks/Quality	Word and GP Name
165	26.06.18	June	Subashini Naji	29	M	C/O Sankar House Address: Jagaddal, 24 POC, NJ N/2 No-43 Kankarua Moh BHOJOLIKE Bhajpur Man. W-9	N 24 POC	NM Kujari	NM Kujari		+		25.06.18	26	Bhajpur Man	17
174	29.06.18	June	Gouru Das	26	F	BHOJOLIKE Bhajpur Man. W-9	N 24 POC	Bhajpur SCM	B N Bora SCM		+		28.06.2018	26	Bhajpur Man	9
175	29.06.18	June	Bhen Prasad	25	M	Ph No: 7279411389/O Jagaddal Bhajpur Man. W-17	N 24 POC	Bhajpur SCM	B N Bora SCM		+		28.06.2018	26	Bhajpur Man	17
176	29.06.18	June	Umapa Das	24	F	Ph No: 7279411389/O 13 Ph: 918820913	N 24 POC	Bhajpur SCM	B N Bora SCM		+		28.06.2018	26	Bhajpur Man	17
177	29.06.18	June	Gouru Das	24	F	Ph No: 7279411389/O 13 Ph: 918820913	N 24 POC	Bhajpur SCM	B N Bora SCM		+		28.06.2018	26	Bhajpur Man	18
178	29.06.18	June	Chandni Chandary	23	M	P.O. P-5 Jagaddal Bhajpur Man. W 17 Ph: 922801382	N 24 POC	Bhajpur SCM	B N Bora SCM		+		28.06.2018	26	Bhajpur Man	17
179	28.06.18	June	SATI SENI	20	F	Chandraghar Jagaddal W-17	N 24 POC	Bhajpur SCM	B N Bora SCM		+		27.06.2018	26	Bhajpur Man	17
180	28.06.18	June	Manasa Gupta	18	F	Ph: 18.01.79 Jagaddal	N 24 POC	Bhajpur SCM	B N Bora SCM		+		27.06.2018	26	Bhajpur Man	17
181	28.06.18	June	Debanu Shaw	27	M	Keren Nagar II, J. Moh. 990033843 REF TO PHO HOSPITAL	N 24 POC	Bhajpur SCM	B N Bora SCM		+		27.06.2018	26	Bhajpur Man	18
182	27.06.18	June	Boby Singh	25	F	Jagaddal Moh. 5581151070/D 17 Ph: 918820913	N 24 POC	Bhajpur SCM	B N Bora SCM		+		27.06.2018	26	Bhajpur Man	18
184	28.06.18	June	Uda Deka	25	F	Moni Nagar II, J. Moh. 233794480 PHO: 17 Ph: 918820913	N 24 POC	Bhajpur SCM	B N Bora SCM		+		27.06.2018	26	Bhajpur Man	13
185	28.06.18	June	Satyajit Das	25	F	Chandraghar Jagaddal Ph: 903801060/D 24 Ph: 918820913	N 24 POC	Bhajpur SCM	B N Bora SCM		+		27.06.2018	26	Bhajpur Man	16
188	04.07.18	July	Saradindu Panig	42	M	Waterline Line No: 07135 Organoghar Moh: 98258377/W 27	N 24 POC	Bhajpur SCM	B N Bora SCM		+		03.07.2018	27	Bhajpur Man	22
190	04.07.18	July	Aradhita Kar	25	M	601 Chhoto Para Road Moh: Jagaddal 90381789/4	N 24 POC	Bhajpur SCM	B N Bora SCM		+		03.07.2018	27	Bhajpur Man	0
191	04.07.18	July	Subhasi Saha	15	F	58 Surpara road Bhajpur Moh: 901897912/8 Near Bokat Sangha Club, 1 no Barisan Kajar Bhajpur Man. 19	N 24 POC	Bhajpur SCM	B N Bora SCM		+		03.07.2018	27	Bhajpur Man	14
192	04.07.18	July	Subhasi Saha	47	F	Near Sati Manir, 8 Bhagmandir Bhajpur 17 99033809/6	N 24 POC	Bhajpur SCM	B N Bora SCM		+		28.07.2018	27	Bhajpur Man	13
193	04.07.18	July	Rishabha Bhattach	20	F	Morandor Ward No 13 Moh: 90377984/6	N 24 POC	Bhajpur SCM	B N Bora SCM		+		03.07.2018	27	Bhajpur Man	14

Handwritten note: (1) Isari (negative)

195	10.07.18	July	Spore Run	19	F	Purari Bazar, Tuguen, Bharpura Canteen No. 17, 9818181107	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	16.07.18	27	Bharpura Mani	12
196	10.07.18	July	Spore Run	17	M	Cross Bazar Near Sp Wander Jagadisa Bharpura Mani 9 Km Gd. No. 108034249	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	06.07.18	27	Manikya Mani	18
197	10.07.18	July	Spore Run	12	M	0861 Colony, Jagadisa, Waverline Lane No V/13A, Bharpura, Mani 1080342473	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	06.07.18	27	Bharpura Mani	18
198	10.07.18	July	Kumar Prati-daha	15	M	Kalabagan, Bazar, Tuguen, Bharpura Mani 1080342473	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	06.07.18	27	Bharpura Mani	12
199	10.07.18	July	Bharpura Spore	16	M	Club Road, Jagadisa, Bharpura Mani 1080342473	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	06.07.18	27	Bharpura Mani	28
200	10.07.18	July	MO 12874	15	M	Kumar Prati-daha 12, Kankaria, Bharpura Mani, Mani 1080342473, Ward No. 8	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	06.07.18	27	Bharpura Mani	8
201	10.07.18	July	Spore Run	18	F	Ward No. 8, Mani, Bharpura 1080342473	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	06.07.18	27	Bharpura Mani	12
202	10.07.18	July	Spore Run	19	F	Bharpura Mani 1080342473, Ward No.	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	06.07.18	27	Bharpura Mani	16
203	10.07.18	July	Andhra Pradesh	17	M	A-9, Bazar, No. 10-D, 8, Bharpura Road 1080342473, Ward No. 8	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	06.07.18	27	Bharpura Mani	17
204	10.07.18	July	Mani Chauraha	10	M	Ward No. 8, Bharpura, Mani, Bharpura 1080342473, Ward No. 8	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	07.07.18	27	Bharpura Mani	28
209	11.07.18	July	Spore Run	21	M	Mani, Bharpura, Mani, Bharpura 1080342473, Ward No. 8	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	10.07.18	28	Bharpura Mani	17
210	11.07.18	July	Spore Run	18	M	Kankaria High School, Bharpura Mani, Bharpura, Mani, Bharpura 1080342473, Ward No. 8	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	10.07.18	28	Bharpura Mani	17
211	11.07.18	July	Spore Run	18	M	Bharpura Mani, Bharpura Mani, Bharpura Mani, Bharpura, Mani, Bharpura 1080342473, Ward No. 8	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	10.07.18	28	Bharpura Mani	9
212	11.07.18	July	Spore Run	19	M	Saku Memorial School, Bharpura Mani, Bharpura, Mani, Bharpura 1080342473, Ward No. 8	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	10.07.18	28	Bharpura Mani	17
213	11.07.18	July	Spore Run	27	M	Bharpura Mani, Bharpura Mani, Bharpura Mani, Bharpura, Mani, Bharpura 1080342473, Ward No. 8	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	10.07.18	28	Bharpura Mani	9
214	11.07.18	July	Spore Run	11	M	Bharpura Mani, Bharpura Mani, Bharpura Mani, Bharpura, Mani, Bharpura 1080342473, Ward No. 8	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	10.07.18	28	Bharpura Mani	16
215	11.07.18	July	Spore Run	16	M	Vari Bazar, Bharpura, Bharpura Mani, Bharpura Mani, Bharpura, Mani, Bharpura 1080342473, Ward No. 8	N 24 PDS	Bharpura SCM	B N Bazar SCM	✓	10.07.18	28	Bharpura Mani	17

(Signature)



216	11.07.18	July	Gauri Bha	24	F	Bl-7 H-17, Khandagiri, W-17 Ph. 8607013107	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	10.07.18	28	Bharpura Mun	13
217	11.07.18	July	Nalini Choudhury	18	F	9 no. Gai Choudhury Lane Sankar (Jhapa) post, Bl-12 H-4, W-17 Ph. 86281808	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	10.07.18	28	Bharpura Mun	17
218	11.07.18	July	Prat Goswami	19	F	Bl-11 H-13 W-11, Agardol Ph. 867306433	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	10.07.18	28	Bharpura Mun	17
219	11.07.18	July	Pradi Bha	12	F	27 no. Lal, N. post, W-5 Ph. 8604113166	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	10.07.18	28	Bharpura Mun	3
220	11.07.18	July	Manu Bha	60	F	Bl-10 H-6, W-17 Ph. 6700885023	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	10.07.18	28	Bharpura Mun	17
221	11.07.18	July	Rabha Prady	11	F	Monopara, Unit Madhukhona, Monopara School 28/1, Monopara, W-17 Ph. 862758447	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	10.07.18	28	Bharpura Mun	17
222	11.07.18	July	Srinath Swaran	6	M	Bl-14 H-11, W-18, Agardol Ph. 86782478	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	10.07.18	28	Bharpura Mun	18
223	11.07.18	July	Soma Singh	75	F	Bl-20 H-34, W-20, Khandagiri Ph.	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	10.07.18	28	Bharpura Mun	20
224	11.07.18	July	Sumeet Saha	45	F	Bl-10, Jash, W-12 Ph. 8605166033	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	10.07.18	28	Bharpura Mun	17
225	11.07.18	July	Roshni Boudal	19	M	Durga Mandir, Gai no. 18 Bl. 8, H-7, W-17 Ph. 8627917208	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	10.07.18	28	Bharpura Mun	17
226	11.07.18	July	Shyam Kari	42	F	Medu Market, Mahanagar, W-29 Ph. 8626356666	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	10.07.18	28	Bharpura Mun	29
227	11.07.18	July	Dadai Das	14	M	Near Anjan Sanyal, Maraj colony, Gokhale, Heringpally, W-15 Ph. 8628131769	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	10.07.18	28	Bharpura Mun	15
228	14.07.18	July	Aparupa Singh	10	F	C/O. Brownish Singh Address: 72/4 Malajar Road, Gokhale Medical Park, Bharpura 56 Hospital, 24 Pgs. (M) Contact No. 933998237	N 24 PGS	Jaha Kalyan Road Kalyan	B N Bode SDH			✓	13.07.18	26	Bharpura Mun	15
228	13.07.18	July	Rita Devi	3	F	Bl-11 H-412, Ingridal, 778946383	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	13.07.18	28	Bharpura Mun	17
229	13.07.18	July	Alpa Rana	18	M	Bl-7 Ph. 19, Morthaban, Ingridal, 86412018	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	13.07.18	28	Bharpura Mun	17
229	13.07.18	July	Kajati Prasad Khan	21	M	Bl-9 H-1, 8272911450	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	13.07.18	28	Bharpura Mun	12
229	13.07.18	July	Kajati Prasad Khan	21	M	H-38/1, Bl-11, 860898992	N 24 PGS	Bharpura SDH	B N Bode SDH			✓	13.07.18	28	Bharpura Mun	17

18 Pgs (2-28 Pgs)

240	13.07.18	July	Rajeev Das	NO	M		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	15.07.18	28	Bhatpara Mauji	17
241	13.07.18	July	Methun Parrot	19	M		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	15.07.18	28	Bhatpara Mauji	17
242	13.07.18	July	Amit Bhowan	12	M		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	13.07.18	28	Bhatpara Mauji	NO
243	13.07.18	July	Rohan Shaw	20	M		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	13.07.18	28	Bhatpara Mauji	16
244	13.07.18	July	Subhas Roy	19	M		N 28 PGS	Bhatpara SDH	B N Bore SDH		✓	13.07.18	28	Bhatpara Mauji	17
245	13.07.18	July	Rupa Shaw	22	F		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	13.07.18	28	Bhatpara Mauji	18
246	13.07.18	July	Suvarna Devi	21	F		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	13.07.18	28	Bhatpara Mauji	17
247	13.07.18	July	Sahana Rituraj	40	F		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	13.07.18	28	Bhatpara Mauji	18
248	16.07.18	July	Adin Parso	18	F		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	13.07.18	29	Bhatpara Mauji	18
249	16.07.18	July	Rubi Ghosh	26	F		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	15.07.18	29	Bhatpara Mauji	17
250	16.07.18	July	Shanku Devi	19	F		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	15.07.18	29	Bhatpara Mauji	17
251	16.07.18	July	Prbu Shaw	10	M		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	15.07.18	29	Bhatpara Mauji	17
252	16.07.18	July	Charul Ghosh	35	M		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	15.07.18	29	Bhatpara Mauji	23
253	16.07.18	July	Chandira Das	8	F		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	16.07.18	29	Bhatpara Mauji	NO
254	16.07.18	July	Preeti Sarkar	12	F		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	16.07.18	29	Bhatpara Mauji	28
255	16.07.18	July	Rajni Prasad	14	M		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	16.07.18	29	Bhatpara Mauji	15
256	16.07.18	July	Aamir Khan	18	M		N 24 PGS	Bhatpara SDH	B N Bore SDH		✓	16.07.18	29	Bhatpara Mauji	17

263	16.07.18	Laki	Wenar Pawan	11	F	RL 8 BABU DL W 16 7890071721	N 24 PCS	Bangka SDH	B N Bona SDH			✓	16.07.18	29	Bangka Mudi	18
264	16.07.18	Laki	Ag Prasad	15	M	Uchup 2D no Kalqara W 77 89617145834	N 24 PCS	Bangka SDH	B N Bona SDH			✓	16.07.18	29	Bangka Mudi	7
266	16.07.18	Laki	Aloy Das	13	M	Wetjapaly, Bantora W 15 PH 74202421085	N 24 PCS	Bangka SDH	B N Bona SDH			✓	16.07.18	29	Bangka Mudi	15
267	16.07.18	Laki	Nasrudin Anan	25	M	BK 15 H 348240011153	N 24 PCS	Bangka SDH	B N Bona SDH			✓	16.07.18	29	Bangka Mudi	0
269	16.07.18	Laki	Sarwan Das	65	F	Sarwan, Suppara W 14 79141917180	N 24 PCS	Bangka SDH	B N Bona SDH			✓	16.07.18	29	Bangka Mudi	14
270	16.07.18	Laki	Pahl Brawa	17	F		N 24 PCS	Bangka SDH	B N Bona SDH			✓	16.07.18	29	Bangka Mudi	18
271	16.07.18	Laki	Konh Doo Yader	57	M	Bakindrajaly W 16 8510117656 B 2 H 13 Kuthayan, Japada W 17 8400313 817	N 24 PCS	Bangka SDH	B N Bona SDH			✓	16.07.18	29	Bangka Mudi	17

# Dengue Cases

Month	Cases
June	12
9	1
16	2
17	8
18	1
July	63
0	-2
3	1
7	1
8	1
9	2
12	3
14	2
15	3
16	8
17	25
18	3
19	1
20	1
22	1
23	2
28	4
29	1
30	2
Grand Total	75

Atank ka ghar  
98316-59272

Manoj

Dear Sir,

Pr. Secy UD BMA  
19.7.18  
UD/001 2018/0317

Pl see. These are initial indications regarding laxity in preventive measures by the Bhatpara Municipality and needs to be controlled vigourously to arrest an outbreak.

Regards  
Anil Verma  
Principal Secretary  
Health & Family Welfare  
Government of West Bengal



Sent from my iPhone

Begin forwarded message:

From: Dipankar Maji <ddhsph.wb.2017@gmail.com>  
Date: 13 July 2018 at 11:10:36 AM IST  
To: Anil Verma <acshealthwb@gmail.com>, acswbhealth@gmail.com  
Cc: ansarighulam@yahoo.com, Addl General Manager WBMSC <agm@wbmsc.gov.in>, NVBDCP WB <nvbdcg.wb@gmail.com>, Kartick Chandra Mandal <entomologist.ibd@gmail.com>, Rupam Banerjee <rupambanerjee.india@gmail.com>  
Subject: Report about dengue upsurge in Bhatpara

Sir,  
Sending the report as desired by you.  
Please go to the attachment.

Regards

Dir, SUDA

18/11/2018

Dr. Debit Chatterjee  
CPH

APO (SD)  
Pls open a file for  
Bhatpara outbreak  
and attach all  
documents.

le

## Report on dengue upsurge in Bhatpara municipal area

Date: 13.07.2018

Samples from suspected dengue cases of Bhatpara S.G.H. are sent to B.N.Bose Hospital, Barrackpur for dengue ELISA tests. That an upsurge has occurred in Bhatpara municipal area was clear on 03.07.2018 when detailed addresses were obtained for the cases tested positive in the lab of B.N. Bose Hospital. It was also seen that relatively more no. of cases were from Ward-17 of Bhatpara.

The Dy.CMOH-II of the District moved to the affected area on 03.07.2018. He shared the line list of cases with the health authorities of the U.L.B.

On 05.07.2018 the State Microbiologist (IDSP) and the District Entomologist (who are members of the State & District RRT-s respectively) together visited the area. They found that the cases have not been tracked from the U.L.B. level till then and during their visit the houses of 2 of the 6 cases could not be traced.

In the meantime, a round of House-to-House Survey (pre-scheduled) has been carried out from 3 to 7 July, 2018. However, no cluster of fever/ upsurge of fever with dengue-like symptoms was identified during the survey. Altogether only 275 fever cases and 20 cases of fever with significant symptoms (joint pain, definite body ache, vomiting or loose motion) were detected by visiting about 87000 households. The over-all proportion of houses having mosquito larvae was 0.19% and the proportion of containers having larvae was 0.14% only. The Ward reporting the highest House Index was Ward No. 35 with HI 0.9% & CI 0.08% and the Ward reporting the highest Container Index was Ward No. 16 with HI 0.06% & CI 0.15% only.

The District Entomologist again paid a visit on 10.07.2018 (Ward 12, 16 & 17). He observed that condition of the drains was not very bad, since no. of clogged drains was not too many. A few of the drains also had guppy fish in them. The major issue was found to be containers & discarded articles lying in peridomestic areas which were not carefully visited by the H-to-H Teams and were the most common mosquito breeding sources.

46 dengue cases have been detected from Bhatpara since 25.06.2018 till 12.07.2018. Out of these, 20 cases are from Ward-17 and 05 are from Ward-16. There has been no dengue death.