

# Asia Arsenic Network

## Monthly Activity Report – October 2006

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Due to Holy Ramadan, all project activities went slow this month, especially awareness programs could not be staged in the field all through October. We concentrated on PRA programs and deep tube well (DTW) installation in Bidyanandakati Union and tube well (TW) re-screening in Sagardari Union followed by data entry this month.

### 1. Panjia Project (Phase II)

#### 1.1 PRA Programs in Bidyanandakati

There were 8 (eight) PRA programs held at 2 (two) levels i.e. Ward level and Village level. Details are summarized in the following table.

Date	W #	Village	Para	PRA Type	Participants	Outcome
03/10	5	Titabazitpur	North West	Village PRA	20	One village map, indicating the position of DTW.
04/10	2	Hasanpur	Bazar	Village PRA	50	One village map, indicating the position of DTW.
08/10	2	Hasanpur	North Para	Village PRA	38	One village map, indicating the position of DTW.
09/10	2	Hasanpur	Technical School	Village PRA	22	Villagers failed to reach at consensus on determining the DTW location.
10/10	1	Burihati	North	Ward PRA	17	One Ward map indicating present safe water source and demanded DTWs,
12/10	1	Burihati	East Morol	Village PRA	35	One village map, indicating the position of DTW.
14/10	1	Burihati	North Para	Village PRA	34	One village map, indicating the position of DTW.
15/10	1	Burihati	South East	Village PRA	75	One village map, indicating the position of DTW. Users Committee formed

#### 1.2 Users Share Collection

During October, seven (7) users committees were formed prior to the installation of a safe water option in every community where a DTW has been allocated. After the formation of a users committee, they collected user's contribution and submitted to AAN.

Date	Ward	Village	Name of the committee	Users Share
02/10	5	Titabazitpur	North West Para Committee	5000/-
05/10	2	Hasanpur	Hasanpur Bazar Para Committee	5000/-
05/10	5	Titabazitpur	South West Para Committee	5000/-
07/10	2	Hasanpur	North Para Committee	5000/-
11/10	2	Hasanpur	Hasanpur Secondary Technical School Committee	5000/-
11/10	1	Burihati	East Morol Para Committee	5000/-
14/10	1	Burihati	North Para Committee	5000/-

### 1.3 DTW Installation in Bidyanandakati in October-06.

Installation of Rotary deep tube wells (DTW) as a safe water source continued in B. Kati this month, with four digging teams. Drilling of 10 DTWs was completed with successful sealing except one.

DTW #	W #	Village & Para	Drilling Period	Depth (ft)	Strainer (ft)	Sealing (ft)
3	5	Titabazitpur North Para	28/9-01/10	622	30	365
4	5	Tita Bazitpur South East Para	01- 04/10	723	30	390
5	5	Titabazitpur Middle Madrasa Para	01- 06/10	803	25	370
6	5	Titabazitpur North West Para	02- 05/10	619	20	370
7	5	Tita Bazitpur South West Para	06-09/10	694	20	380
8	2	Hasanpur Bazar Para	07-11/10	736	30	360
9	2	Hasanpur Secondary Technical School	11-17/10	695	30	370
10	2	Hasanpur North Karigor para	11-15/10	667	30	370
11	1	Burihati East Morol Para	12-17/10	792	30	350
12	1	Burihati North Para	16-19/10	810	30	Failed

## 2. Panjia Project (Phase III)

### 2.1 Result of Tubewell Screening in Sagardari Union:

Tube well screening activities continued in Sagardari Union throughout October. Four screening teams worked simultaneously to meet the project deadline. The field workers checked the arsenic concentration of tube well water with the NIPSOM field kit and painted red on the tube wells which water contained arsenic exceeding 0.05mg/L, the Bangladesh standard for arsenic concentration in drinking water, and green on the tube wells with the arsenic below the standard. The colors helped the villagers to know their tube well water was safe or not. In Ward Nos. 5 & 6 the screening started on 24<sup>th</sup> September and by the end of this month it was completed in Ward Nos. 1, 4, 5, 6 & 7. The screening result is shown in the table below:

Location		Tube Well Information							No. of Suspected Patients
Ward No.	Village Contamination (%) by NAMIC	Type	Green	Red	Sub-total	Contamination (%)	Inactive	Total	
1 (15/10   29/10)	Raghurampur (20%)	STW	44	14	58	24%	4	62	2
		DTW	1	0	1	0%	0	1	
		<b>Sub-total</b>	<b>45</b>	<b>14</b>	<b>59</b>	<b>24%</b>	<b>4</b>	<b>63</b>	
	Banshbaria (43%)	STW	42	79	121	65%	21	142	2
		DTW	3	0	3	0%	0	3	
		<b>Sub-total</b>	<b>45</b>	<b>79</b>	<b>124</b>	<b>64%</b>	<b>21</b>	<b>145</b>	
	Ward Total (35.7%)	STW	86	93	179	52%	25	204	4
		DTW	4	0	4	0%	0	4	
		<b>Total</b>	<b>90</b>	<b>93</b>	<b>183</b>	<b>51%</b>	<b>25</b>	<b>208</b>	

4 (04/10   13/10)	Dhamapur (62%)	STW	2	118	120	98%	18	138	9
		DTW	2	0	2	0%	0	2	
		<b>Sub-total</b>	<b>4</b>	<b>118</b>	<b>122</b>	<b>97%</b>	<b>18</b>	<b>140</b>	
	Gobindapur (41%)	STW	3	91	94	97%	16	110	2
		DTW	1	0	1	0%	1	2	
		<b>Sub-total</b>	<b>4</b>	<b>91</b>	<b>95</b>	<b>96%</b>	<b>17</b>	<b>112</b>	
	<b>Ward Total</b> (52.2%)	STW	5	209	214	98%	34	248	11
		DTW	3	0	3	0%	1	4	
		<b>Total</b>	<b>8</b>	<b>209</b>	<b>217</b>	<b>96%</b>	<b>35</b>	<b>252</b>	
5 (24/09   09/10)	Kasta (54%)	STW	69	158	227	70%	11	238	5
		DTW	2	0	2	0%	0	2	
		<b>Sub-total</b>	<b>71</b>	<b>158</b>	<b>229</b>	<b>69%</b>	<b>11</b>	<b>240</b>	
	Baruihati (58%)	STW	60	142	202	70%	11	213	10
		DTW	1	0	1	0%	0	1	
		<b>Sub-total</b>	<b>61</b>	<b>142</b>	<b>203</b>	<b>70%</b>	<b>11</b>	<b>214</b>	
	<b>Ward Total</b> (56.1%)	STW	129	300	429	70%	22	451	15
		DTW	3	0	3	0%	0	3	
		<b>Total</b>	<b>132</b>	<b>300</b>	<b>432</b>	<b>69%</b>	<b>22</b>	<b>454</b>	
6 (24/09   03/10)	Jhikra (66%)	STW	7	90	97	93%	11	108	2
		DTW	3	0	3	0%	1	4	
		<b>Sub-total</b>	<b>10</b>	<b>90</b>	<b>100</b>	<b>90%</b>	<b>12</b>	<b>112</b>	
	Sreepur (84%)	STW	1	24	25	96%	3	28	0
		DTW	2	0	2	0%	0	2	
		<b>Sub-total</b>	<b>3</b>	<b>24</b>	<b>27</b>	<b>89%</b>	<b>3</b>	<b>30</b>	
	Fatehpur (38%)	STW	6	55	61	90%	9	70	1
		DTW	1	0	1	0%		1	
		<b>Sub-total</b>	<b>7</b>	<b>55</b>	<b>62</b>	<b>89%</b>	<b>9</b>	<b>71</b>	
<b>Ward Total</b> (59.4%)	STW	14	169	183	92%	23	206	3	
	DTW	6	0	6	0%	1	7		
	<b>Total</b>	<b>20</b>	<b>169</b>	<b>189</b>	<b>89%</b>	<b>24</b>	<b>213</b>		
7 (10/10   28/10)	Chingra (71%)	STW	8	331	339	98%	36	375	3
		DTW	2	1	3	33%	2	5	
		<b>Sub-total</b>	<b>10</b>	<b>332</b>	<b>342</b>	<b>97%</b>	<b>38</b>	<b>380</b>	
	<b>Ward Total</b> (71%)	STW	8	331	339	98%	36	375	3
		DTW	2	1	3	33%	2	5	
		<b>Total</b>	<b>10</b>	<b>332</b>	<b>342</b>	<b>97%</b>	<b>38</b>	<b>380</b>	

### 3. Patient Monitoring

About 30 people were listed as suspected patients by field workers during the screening in Sagardari Union, and PSC visited three out of the 30 suspected patients.

PSC also visited 3 patients in Srimontokati village in Satkhira district and 1 patient in Marua village in Jessore district. The Srimontokati patients were found in stable condition while the Marua patient's condition seemed to have deteriorated.

### 4. Option Follow-up

**Srimontokati PSF:** There are 3 PSFs in Srimontokati village of Satkhira District which were installed with AAN's "Friendship Water Fund". Al-Amin Molla visited those three PSFs on 13 October and found them in good working condition. PSF users are paying monthly contribution regularly. At the AAN-NIPSOM PSF #3, the pond is properly fenced. Chlorination is done regularly at all those PSFs. At present, around 450 families collect drinking water from those 3 PSFs.

### 5. Others

**5.1 SAE Observes the Sealing Process:** Mr. Nironjon Kumar Biswas, Sub-assistant Engineer (SAE) of Keshobpur PHE visited the boring site of B-DTW #8 on October 11 and witnessed our sealing process at Hasanpur Bazar Para in Hasanpur village of W #2.

**5.2 Lecture by Mr. Suenaga:** On October 13 Mr. Suenaga of RGAG gave a lecture to a group of AAN staff on how to plot a TW position in a map with using the GPS data recorded during the screening. He also taught us how to prepare a hydrogeological profile of one area by existing bore logs. It was a high-level training and we will be able to prepare geological profiles ourselves in future.

Mr. Suenaga also proposed one training program for concerned individuals and organizations on hydrogeological survey practices and. He informed that RGAG would bear all the costs for the training. He suggested that AAN staff who were trained before would act as trainers in this program. An approximate date has been fixed within 25 to 31 December.

**5.3 AAN Team visits new Keshabpur UNO:** Al-Amin Molla and Md. Monjur Kader called on Mr. Shahidul Islam, new UNO of Keshabpur on October 15 and informed him of ongoing AAN projects. He thanked AAN and assured his support to AAN activities in future. The team members handed over a copy of PCA signed between Rotary International District 3280 and AAN to supply safe water in Sagardari Union of Keshabpur Upazila.