



ARIAS SOCIETY

Assam Rural Infrastructure and Agricultural Services Society
(An Autonomous Body under Govt. of Assam)

Project Coordination Unit (PCU), World Bank financed Assam Agricultural Competitiveness Project (AACP),
Agriculture complex, Khanapara, G.S. Road, Guwahati-781022 (Assam, India)
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Dated Guwahati the 19th March 2014

No. AACP/PCU/ENV/2066/2011/49

From :- H.Narzary, IAS
State Project Director, ARIAS Society

To :- Khanindra Kumar Baishya,
Director, Water & Sanitation Support Organization,
PHED, ASSAM.
Betkuchi, Guwahati-35

Sub. :- World Bank aided Assam Agriculture Competitiveness Project (AACP): Dissemination of
Information for high Arsenic & Fluoride finding of Installed STWs.

Ref.

Sir,

With reference to the subject cited above, I am to apprise you that, under the AACP we undertake a Program of Shallow tube well (STW) installation for irrigation through the Agriculture Dept. in the State. Since commencement of the Project, 90,000 STWs have already installed. As a safe-guard measure, in all installed STWs are subjected to water sample analysis for the presence of Arsenic, 100% and randomly 5% for Fluoride & Iron respectively. It is pertinent to mention here that the tests are conducted by the Gauhati University & B.Borooh College, Guwahati.

In this context, I would like to share the test result data of those STWs where these hazardous Parameters were found in the water of STWs, above permissible limit for drinking purpose, but, still can be used for irrigation purpose.

I would, therefore, request you to do the needful from your end for necessary safeguard so that water from the affected STWs are avoided for drinking and cooking purpose. The lists of the affected STWs are enclosed as Annexure- A for your needful.

Thank you.

Yours faithfully,

(H.Narzary, IAS)

State Project Director, ARIAS Society

Memo No. AACP/PCU/ENV/2066/2011/49-A

Dated Guwahati the 19th March 2014

- Copy to the: 1. The APC & Chairman, ARIAS Society for favour of kind information.
2. The Secretary to the Govt. Of Assam, PHE, Dept. Block-B 2nd Floor Assam Secretariats, Dispur, Guwahati-6, for favour of kind information.
3. Director of Agriculture/Chief Engineer (Agriculture) Assam for information and necessary action.
4. Environmental cum Technical Officer (ETO), Agriculture for information and needful action.
5. District Environmental cum Technical Officer (DETO), Agriculture for Information and needful.
6. All District Coordinator NGO for information & needful action.

Internal: SDS/AC-III/ES&FC/OSD

(H.Narzary, IAS)
State Project Director, ARIAS Society

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SL.No.	District	Block	Village	ASG	Arsenic	Fluoride
1	Bongaigaon	Manikpur	Salabilall	Azad	0.0462	
			Goraimari	Rashid	0.0512	
			Nowagaon	Asomi		2.68
			Nowagaon	Tajmohol		1.78
			Dompara	Kalyani		1.78
		Boitamari	KheluaparaVI	Sonali Krishi Got		2.18
			Tarabari	Milanjyoti		1.64
		Dangtol	Dankinamari	Sonali Krishi Got		1.88
			Bitor			2.1
			Chengmari	Anamika		
	Bandarani	Moyna		3.18		
	Tapattary	Naravita	Nabadiganta		2.1	
SL.No.	District	Block	Village		Arsenic	Fluoride
2	Dhemaji	Bordoloni	Borbila Bhebe	Beaty Sonowal/Seuji SHG		2.1
			Kalyanpur	Prabin Boro/Madhurjya SHG		5.5
			Konchgaon	Monoj Dutta /Padmawati SHG		7.42
			Pub Chetia	Guna Borgohain/ Pub Chetia		3.21
			Da-mati			
			Sounapu	Prafulla Rajbansi/Dayamai SHG		5.74
			Kachutali	Nirmal Gogoi/Milijuli SHG	0.0452	
			Bakulbari	Bhabesh chutia/Surujmukhi SHG		
			Jogeswar Mili/ Kachutali Rawad SHG		1.9	
		Machkhowa	Lakhi ASG		2.1	
			Phatia	Deva Kr.Payeng/Immayu SHG		1.6
			Gohai gaon	Phuleswar Dihingia/PavamariSHG	0.0467	2.3
			Dighalgarah	Ranjit Doley/ Dighalgarah Doley SHG		
			Chowkham	Seujmoni SHG	0.0561	1.6
SL.No.	District	Block	Village		Arsenic	Fluoride
3	Dhubri	Mahamaya	Bagribaeri	krishi kallayan gp/STW		3.40
			Kurman Ali	Kurman Ali, Manaj uddin		2.7
		Rupshi	Balajan	Anower Hossain/ STW		2.36
			Kurirpar	Hareswar Prodhani/STW		1.95
		Agomoni	Laxmi Samity	Laxmi Samity/ STW		2.5
			Dharma samity	Dharma samity/ STW		3.28
SL.No.	District	Block	Village		Arsenic	Fluoride
4	Goalpara	Lakhipur	Saktola	Monowar Hussain		3.55
			Bahati	Hajarat Ali gr		2.00
		Matia	Ranua	Rupjyoti no.5	0.0643	
			Bahati	Rupjyoti no. 1	0.0532	
			Sidhabari	Rupjyoti no.9	0.0531	
		Khormuja	Deudhaturi	Jiaur Rahamn		3.55
SL.No.	District	Block	Village		Arsenic	Fluoride
5	Kamrup	Chaygaon	2 no Kalapani	Md.Jabed Ali		1.7
			Bhat Khowadia	Md.Samsul Haque		2.6
			Rampur	Md. Mohiruddin Ali		2.1
			Pagalardia	Md. Mofijuddin Ali		2
SL.No.	District	Block	Village		Arsenic	Fluoride
6	Lakhimpur	Nowboicha	Borpthar	Barpathar P.P.S. sub group no.2		3.9

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District where Arsenic and Fluoride above Permissible Limit

SL.No.	District	Block	Village	Arsenic	Fluoride		
7	Nagaon	Juria	fakuli	Surabi krishak got	0.0738		
			jahajan	Sonali		1.65	
		Baligaon	kumargaon	Obikal A.S.G.	0.0811		
			Haluagaon	Asha A.S.G.	0.0768		
		Raha	Dighaliati	Pragati		1.71	
		Dhalpukhuri	Dhalpukhuri	D Kumurkata/Green ASG		1.55	
		Jugijan	Pub Solmarijan	Sunali ASG		3.01	
		Bajiagaon	garumora	Akbar		1.7	
		Lawkhuwa	1	No.Bhurbandh	Atmiya		1.57
				Kathapara	Asha		1.7
		Kathiatoli		Tubuki Grant	Uday		1.84
				Kathiatoli	Milan Krishak		1.69
		Batadrava		Sologuri	Haque		1.9
				Bhumuraguri	Junmoni		1.6
District	Block		Village	Arsenic	Fluoride		
8.Nalbari	Borigog-Bonbhag		Naherbari	Lakhimi	0.0528	0	
SL.No.	District	Block	Village	Arsenic	Fluoride		
9	Sonitpur	Dhekiajuli	Pashabasti	Sankar		2.5	
			Balasiapur	Sobiram		2.2	
			No.1 Basasimalu	Azad ASG		2.7	
		Sipajhar	Kirakara	Nabajagaran		3.74	
		Naduar		Habidalani	RamdhenuASG		3.3
				Dighali-chapori	RajashreeASG		2.4
		Balipara		Rajbharal	Annaya ASG		2.4
				Dougapura	Milijuli ASG		2.6
		Gabharu		Gudamghat	Milijuli ASG		2.5
				Habidalani	Rusmot ASG		3.6
		Sootea		Bhojmari	Pohar ASG		1.8
				Uttar Ballijuri	Sonapur ASG		2.8
				5 No.Kuolia	Fajjul		5.6
		Biswanath		Chilamari	matleb		8.68
				Guwaltoli	Rahman		4.7
		Baghmora		Kharasimohu	Nabajyoti		2.02
				Arsenic	Fluoride		
10	Darrang	Pub-Mangaldai	No.2Magumari	liahi		1.65	
		Dalgaon Sialmari	Sialmari	Pagrati		2.2	
SL.No.	District	Block	Village	Arsenic	Fluoride		
11	Morigaon	Mayang	Barpak	Nabarun		3.5	
			Hatiamukh	Hatiamukh		2.56	
SL.No.	District	Block	Village	Arsenic	Fluoride		
12	Chirang	Borobazar	Bangaliharg	Tilik		2.56	
			Kuptupuli	Sukuri		2.56	

District where Arsenic and Fluoride above Permissible Limit

SL.No.	District	Block	Village	Arsenic	Fluoride	
13	Barpeta	Barpeta	Kahibari	Uddin Group		6.6
			Barpeta	Prabhat		1.9
			Teklabala	Sikhajyoti		5.56
		Rupsi	Baguritari	Baguritari Krishi Got		3.2
			Kalgachia	Jay Jawan	0.802	3.1
			Gomafulbari	Palhazi/Milijuli		3.16
			chandamama	Narmal Got		2.86
			chandamama	Habib		2.08
			Sarukhetri	Krishi		6.46
			Bharegaon	Jonaki Krishi Sewa		2.5
		Chenga	Era Bamundi	Mandal Got		3.6
			Padmapara	Sonali Got		3.2
		Balaji	Garemari	Malakhi		3.1
		Bhawanipur	Haripur	Milijuli Mahila		3.9
			Aota Gaon	Chandramukhi		1.5
		Pakabitbari	Pithadipum	Marami		2.3

- For toxic metal Arsenic, the maximum permissible limit is considered as 0.05 mg/L, which is World health Organization (WHO) guideline value for drinking water.
- Fluoride concentration of > 1.5 mg/L has been considered as toxic for drinking water.
- As=Arsenic, , F=Fluoride,

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