

(e) The Grant released under AIBP, CADWM and RRR to the State of Maharashtra from the year 2009-10 and till date is given below:

(Amount in Crore)				
Name of scheme	2009-10	2010-11	2011-12	2012-13
AIBP	1395.386	1812.912	1122.682	840.175
CADWM	34.048	0.000	21.483	4.092
RRR	0.000	0.000	80.530	0.000

Misuse of ground water

3719. DR. T.N. SEEMA: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the Central Government has received any complaints from the State Governments/NGOs/individuals asking for an enquiry into the alleged misuse of ground water for industrial use by various chemical distilleries, coal, steel and power companies for their projects in few States;

(b) if so, the details thereof and the action taken by Government in this regard;

(c) whether Government has conducted any survey on the ground water quality in various parts of the country;

(d) if so, the details thereof; and

(e) the steps taken/proposed to be taken by Government to improve ground water quality?

THE MINISTER OF WATER RESOURCES (SHRI HARISH RAWAT): (a) and (b) Central Ground Water Authority (CGWA) under the Ministry of Water Resources has received 11 complaints since 2009 against Chemical, Distillery, Coal, Steel and Power industries. Out of 11 complaints received, two each are from the States of Uttar Pradesh, Tamil Nadu and Rajasthan and one each from the States of Haryana, Gujarat, Andhra Pradesh, Maharashtra and Odisha. The complaints received by CGWA have been referred to concerned Regional Directors of CGWB

and the District Collectors for investigation and submission of report in the matter. Details of complaints and action taken thereof are given in the Statement-I.

(c) and (d) Central Ground Water Board (CGWB) under the Ministry of Water Resources regularly monitors ground water quality of shallow aquifers on regional scale once every year during pre-monsoon (April/May) through a network of 10714 observation wells located throughout the Country. As per ground water quality data generated during various scientific studies and ground water quality monitoring, ground water in some parts of various States are contaminated by Salinity, Arsenic, Fluoride, Iron, Nitrate and heavy metals. Eight States have excess concentration of Arsenic, 19 States have higher concentration of Fluoride, 20 States have higher concentration of Nitrate and 23 States have higher concentration of Iron beyond prescribed norms. State-wise details are given in the Statement-II (*See below*). There are also reports of sporadic occurrence of heavy metals like Lead, Chromium, Cadmium and Manganese in the ground water in 13 States.

(e) Since *in-situ* treatment of contaminated aquifers due to presence of Arsenic, Fluoride, Iron, Nitrate and Heavy Metals is difficult, remedial measures are concentrated on providing alternate sources of water supply. The CGWB assists the States in identifying aquifers which are free from geogenic contaminants. Besides, Ministry of Drinking Water & Sanitation (MoDWS) has informed that 20% of the allocated funds under the National Rural Drinking Water Programme (NRDWP) are earmarked for water quality problems. Further, it is indicated that the States may utilize up to 65% of funds released under NRDWP for improving water quality of ground and surface water.

Statement-I*List of Complaints alleging abuse of Ground Water for industrial use (2009-2013)*

Sl. No	State	Name of Company/ Industry	Nature of complaint	Status of action taken by CGWB/CGWA
1	2	3	4	5
1	Andhra Pradesh	M/s. Ranbay Laboratories Ltd.	Illegal Extraction of ground water	Referred to District Collector, Medak for necessary action
2	Gujarat	M/s. DCW Dharangadhara Chemical Factory	Illegal Extraction of ground water	Referred to Member Secretary, Gujarat Pollution Control Board, Gandhinagar for necessary action
3	Haryana	M/s. Seagull Beverages, Faridabad	Illegal Boring & Commercial use of Ground Water	Referred to District Collector Faridabad for necessary action
4	Maharashtra	M/s Sua Explosive Accessories Pvt. Ltd. Wardha.	Ground Water Pollution of Nitrate	Referred to Regional Director CR, Nagpur who in turn referred to Maharashtra Pollution Control Board, Mumbai for necessary action
5	Orissa	M/s. Jindal Steel & Power Ltd., Angul	Over exploitation of ground water	DLEC inspected industry and found no violation of CGWA NOC violation. Report submitted.

1	2	3	4	5
6	Rajasthan	M/s. AgroBiotech Industries Ltd. Ajitgarh, Sikar dist.	Illegal exploitation of ground water	Referred to District Collector, Sikar for necessary action
7	Rajasthan	M/s. AgroBiotech Industries Ltd. Ajitgarh, Sikar dist.	Illegal exploitation of ground water	Referred to District Collector, Sikar for necessary action
8	Tamil Nadu	M/s. Kals Distilleries Pvt. Ltd., Kallakotai and Kals Breweries Pvt. Ltd., Veralimalai	Abstracting enormous amount of water and pollution of drinking water	Referred to RD, SECR, Chennai for necessary action
9	Tamil Nadu	Green Field Molasses/ Grain Based Distillery Unit, Vadaseri Village Thanjavur district	Depletion of Ground water	Investigation in progress
10	Uttar Pradesh	M/s. Hindustan Coca-Cola Beverage Co. Ltd. at Mehndiganj.	Over exploitation of Ground Water	Referred to Regional Director, CGWB, NR, Lucknow and report submitted
11	Uttar Pradesh	M/s. Abhinav steel Ltd. Satharia, Jaunpur	Exploitation of water for industrial use	Investigation was done by CGWB, report prepared and submitted to Ministry of Water Resouces.

Statement-II

*Name of the States/Districts from where chemical constituents in ground water
beyond BIS Norms have been reported*

Sl. No.	State/UT	Fluoride (above 1.5 mg/l)	Nitrate (above 45 mg/l)	Arsenic (above 0.05 mg/l)	Iron (above 1.0mg/l)
1	2	3	4	5	6
1	Andhra Pradesh	Adilabad, Anantpur, Chittoor, Guntur, Hyderabad, Kadapa, Karimnagar, Khammam, Krishna, Kurnool, Mahabubnagar, Medak, Nalgonda, Nellore, Prakasam, Rangareddy, Visakhapatnam, Vizianagaram, Warangal, West Godavari	Adilabad, Anantpur, Chittoor, Cuddapah, East Godavari, Guntur, Hyderabad, Karimnagar, Khammam, Krishna, Kurnool, Mahabubnagar, Medak, Nalgonda, Nellore, Nizamabad, Prakasam, Ranga Reddy, Srikakulam, Visakhapatnam, Vizianagaram, Warangal, West Godavari	–	Adilabad, Chittoor, Cuddapah, Guntur, Hyderabad, Karimnagar, Krishna, Kurnool, Mahabubnagar, Medak, Nalgonda, Nellore, Nizamabad, Ranga Reddy, Vishakhapatnam
2	Assam	Goalpara, Kamrup, KarbiAnglong, Naugaon, Golaghat, Karimganj		Sivsagar, Jorhat, Golaghat, Sonitpur, Lakhimpur, Dhemaji, Hailakandi, Karimganj, Cachar, Barpeta, Bongaigaon, Goalpara,	Cachar, Darrang, Dhemaji, Dhubri, Goalpara, Golaghat, Hailakandi, Jorhat, Kamrup, KarbiAnglong, Karimganj,

Written Answers to

[29 April, 2013]

Unstarred Questions

453

1	2	3	4	5	6
				Dhubri, Nalbari, Nagaon, Morigaon, Darrang & Baksha	Kokrajhar, Lakhimpur, Morigaon, Nagaon, Nalbari, Sibsagar, Sonitpur
3	Bihar	Aurangabad, Banka, Bhagalpur, Buxar, Gaya, Jamui, Kaimur (Bhabua), Munger, Nawada, Rohtas, Supaul	Aurangabad, Banka, Bhagalpur, Bhojpur, Darbhanga, Kaimur (Bhabua), Patna, Rohtas, Saran, Siwan	Begusarai. Bhagalpur. Bhojpur. Buxar. Darbhanga, Katihar. Khagaria. Kishanganj, Lakhisarai. Munger, Patna, Purnea. Samastipur. Saran, Vaishali	Aurangabad, Begusarai, Bhojpur, Buxar, East Champaran, Gopalganj, Katiha?, Khagaria, Kishanganj. Lakhisarai, Madhepura, Muzaffarpur, Nawada, Rohtas, Saharsa, Samastipur, Siwan, Supaul, West Champaran
4	Chhattisgarh	Bastar, Bilaspur, Dantewada, Dhamtari, Janjgir-Champa, Jashpur, Kanker, Korba, Koriya, Mahasamund, Raipur, Rajnandgaon, Surguja	Bastar, Bilaspur, Dantewada, Dhamtari, Jashpur, Kanker, Kawardha, Korba, Mahasamund, Raigarh, Raipur, Rajnandgaon	Rajnandgaon	Bastar, Dantewada, Kanker, Koriya
5	Delhi	East Delhi, New Delhi, North West Delhi, South Delhi, South	East Delhi, Central Delhi, New Delhi, North Delhi, North	—	—

		West Delhi, North Delhi, West Delhi	West Delhi, South Delhi, South West Delhi, West Delhi		
6	Goa	—	—	—	North Goa, South Goa
7	Gujarat	Ahmedabad, Amreli, Anand, Banaskantha, Bharuch, Bhavnagar, Dahod, Junagadh, Kachchh, Mehesana, Narmada, Panchmahals, Patan, Porbandar, Rajkot, Sabarkantha, Surat, Surendranagar, Vadodara	Ahmedabad, Amreli, Anand, Banaskantha, Bharuch, Bhavnagar, Dahod, Jamnagar, Junagadh, Kachchh, Kheda, Mehesana, Narmada, Navsari, Panchmahals, Patan, Porbandar, Rajkot, Sabarkantha, Surat, Surendranagar, Vadodara	—	Ahmedabad, Banaskantha, Bhavnagar, Kachchh, Mehesana Narmada,
8	Haryana	Bhiwani, Faridabad, Fatehabad, Gurgaon, Hissar, Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Mahendergarh,	Ambala, Bhiwani, Faridabad, Fatehabad, Gurgaon, Hissar, Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Mahendargarh, Panchkula,	Ambala, Bhiwani, Faridabad, Fatehabad, Hissar, Jhajjar, Jind, Karnal, Panipat, Rohtak, Sirsa, Sonapat, Yamunanagar.	Ambala, Bhiwani, Faridabad, Fatehabad, Gurgaon, Hissar, Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Mahendargarh,

1	2	3	4	5	6
		Panchkula, Panipat, Rewari, Rohtak, Sirsa, Sonapat, Yamuna Nagar	Panipat, Rewari, Rohtak, Sirsa, Sonipat, Yamuna Nagar		Panipat, Rohtak, Sirsa, Sonipat, Yamuna Nagar
9	Himachal Pradesh	-	Una	-	-
10	Jammu and Kashmir	Rajaori, Udhampur	Jammu, Kathua, Anantnag, Kupwara	-	Baramulla, Budgam, Kathua, Kupwara, Pulwama, Srinagar
11	Jharkhand	Bokaro, Giridih, Godda, Gumla, Palamu, Ramgarh, Ranchi	Chatra, Garhwa, Godda, Gumla, Lohardaga, Pakur, Palamu, Paschimi Singh bhum, Purbi Singh bhum, Ranchi, Sahibganj	—	Chatra, Deoghar, East Singhbhum, Giridih, Ranchi, West Singhbhum
12	Karnataka	Bagalkot, Bangalore, Belgaum, Bellary, Bidar, Bijapur, Chamarajanagar, Chikmagalur, Chitradurga, Davanagere, Dharwad, Gadag, Gulburga, Hassan, Haveri, Kolar, Koppal,	Bagalkot, Bangalore, Belgaum, Bellary, Bidar, Bijapur, Chamrajnagar, Chikmagalur, Chitradurga, Davanagere, Dharwad, Gadag, Gulburga, Hassan, Haveri, Kodagu, Kolar,	—	Bagalkot, Bangalore, Belgaum, Bellary, Bidar, Bijapur, Chikmagalur, Chitradurga, Dakshina Kannada, Davanagere, Gulburga, Hassan, Haveri, Kodagu, Kolar, Koppal,

		Mandya, Mysore, Raichur, Tumkur	Koppal, Koorg, Mandya, Mysore, Raichur. Shimoga, Tumkur, Udupi, Uttar Kannada		Mysore, Raichur, Shimoga, Tumkur, Udupi, Uttar Kannada
13	Kerala	Palakkad, Alappuzha, Idukki, Ernakulam, Thiruvananthapuram	Alappuzha, Idukki, Kollam, Kottayam, Kozhikode, Malappuram, Palakkad, Pathanamthitta, Thiruvananthapuram, Thrissur, Wayanad	—	Alappuzha, Ernakulam, Idukki, Kannur, Kasaragod, Kollam, Kottayam, Kozhikode, Malappuram, Palakkad, Pathanamthitta, Quilon, Thiruvananthapuram, Thrissur, Wayanad
14	Madhya Pradesh	Alirajpur, Balaghat, Barwani, Betul, Bhind, Chhatarpur, Chhindwara, Datia, Dewas, Dhar, Dindori, Guna, Gwalior, Harda, Jabalpur, Jhabua, Khargon, Mandla, Mandsaur, Morena, Narsinhpur, Rajgarh, Satna, Sehore, Seoni, Shahdol, Shajapur,	Alirajpur, Anuppur, Ashok Nagar, Balaghat, Barwani, Betul, Bhind, Bhopal, Burhanpur, Chhatarpur, Chhindwara, Damoh, Datia, Dewas, Dhar, Dindori, Guna, Gwalior, Harda, Hoshangabad, Indore, Jabalpur, Jhabua, Khandwa, Khargon,	—	Balaghat Barwani, Betul, Bhind, Bhopal, Chhatarpur, Chhindwara Damoh, Datia, Dewas, Dhar, Dindori, Guna, Gwalior, Hoshangabad, Indore, Jabalpur, Jhabua, Khandwa, Katni, Mandla, Mandsaur, Narsinghpur, Neemuch, Panna, Raisen, Rajgarh, Ratlam, Rewa,

1	2	3	4	5	6
		Sheopur, Sidhi, Singrauli, Ujjain, Vidisha	Katni, Mandla, Mandsaur, Morena, Narsimhapur, Neemuch, Panna, Raisen, Rajgarh, Ratlam, Rewa, Sagar, Satna, Sehore, Seoni, Shahdol, Shajapur, Sheopur, Shivpuri, Sidhi, Singrauli, Tikamgarh, Ujjain, Umaria, Vidisha		Sagar, Satna, Sehore, Seoni, Shahdol, Shajapur, Shivpuri, Sidhi, Tikamgarh, Ujjain, Umaria, Vidisha, East Nimar
15	Maharashtra	Amravati, Beed, Chandrapur, Bhandara, Dhule, Gadchiroli, Gondia, Jalna, Nagpur, Nanded, Ratnagiri, Sindhudurg, Yavatmal	Ahmednagar, Akola, Amravati, Auragabad, Beed, Bhandara, Buldana, Chandrapur, Dhule, Gadchiroli, Gondia, Hingoli, Jalgaon, Jalna, Kolhapur, Latur, Mumbai, Nagpur, Nanded, Nandurbar, Nasik, Osmanabad, Parbhani, Pune, Sangli, Satara, Solapur, Wardha, Washim, Yavatmal	—	Ahmednagar, Amravati, Beed, Buldana, Chandrapur, Dhule, Gadchiroli, Jalna, Kohlapur, latin, Nandurbar, Nashik, Osmanabad, Parbhani, Ratnagiri, Satara, Thane, Wardha, Washim, Yavatmal

16	Manipur	–	–	Bishnupur, Thoubal	Bishnupur, Thoubal
17	Meghalaya	–	–	–	East Garo Hills, East Khasi Hills, Jaintia Hills
18	Orissa	Angul, Balasore, Bargarh, Bhadrak, Baudh, Cuttack, Deogarh, Dhenkanal, Jajpur, Keonjhar, Khurda, Mayurbhanj, Nayagarh, Nawapara, Sonpur	Angul, Balasore, Bargarh, Bhadrak, Bolangir, Baudh, Cuttack, Deogarh, Dhenkanal, Gajapati, Ganjam, J.Singhpur, Jajpur, Jharsuguda, Kalahandi, Kendrapara, Keonjhar, Khurda, Koraput, Malkangiri, Mayurbhanj, Nawapada, Nayagarh, Phulbani, Puri, Sambalpur, Sundergarh, Sonpur		Balasore, Bargarh, Bhadrak, Cuttack, Deogarh, J.Singhpur, Jajpur, Jharsuguda, Kalahandi, Kandmahal, Keonjhar, Kendrapara, Khurda, Koraput, Mayurbhanj, Nayagarh, Puri, Rayagada, Sambalpur, Sundergarh, Sonpur
19	Punjab	Amritsar, Barnala, Bhatinda, Faridkot, Fatehgarh Sahib, Firozpur, Gurdaspur, Jalandhar, Ludhiana, Mansa, Moga, Muktsar, Patiala, Ropar, Sangrur, Tarn-Taran	Amritsar, Barnala, Bhatinda, Faridkot, Fatehgarh Sahib, Firozpur, Gurdaspur, Hoshiarpur, Kapurthala, Ropar, Jalandhar, Kapurthala, Ludhiana, Mansa, Moga, Muktsar, NawanShahr, Patiala, Ropar, Rupnagar, Sangrur, Tarn-Taran	Mansa, Amritsar, Gurdaspur, Hoshiarpur,	Bhatinda, Faridkot, Fategarh, Sahib, Firozpur, Gurdaspur, Hoshiarpur, Mansa, Rupnagar, Sangrur

Written Answers to

[29 April, 2013]

Unstarred Questions

459

1	2	3	4	5	6
20	Rajasthan	Ajmer, Alwar, Banswara, Barmer, Bharatpur, Bhilwara, Bikaner, Bundi, Chittaurgarh, Churu, Dausa, Dhaulpur, Dungarpur, Ganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalore, Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Rajsamand, Sirohi, Sikar, Sawai Madhopur, Tonk, Udaipur	Ajmer, Alwar, Banswara, Baran, Barmer, Bundi, Bharatpur, Bhilwara, Bikaner, Chittaurgarh, Churu, Dausa, Dhaulpur, Dungarpur, Ganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalore, Jhalawar, Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Partapgarh, Rajsamand, Sirohi, Sikar, Swai Madhopur, Tonk, Udaipur	—	Ajmer, Alwar, Banswara, Baran, Barmer, Bharatpur, Bhilwara, Bikaner, Bundi, Chittaurgarh, Churu, Dausa, Dhaulpur, Dungarpur, Ganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalore, Jhalawar, Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Pratapgarh, Rajsamand, Sikar, Sawai Madhopur, Sirohi, Tonk, Udaipur
21	Tamil Nadu	Coimbatore, Dharmapuri, Dindigul, Erode, Karur, Krishnagiri, Namakkal, Perambalur, Puddukotai, Ramanathanpuram, Salem, Sivagangai, Theni, Thiruvannamalai, Tiruchirapally, Thirunelveli,	Chennai, Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Kancheepuram, Kanyakumari, Karur, Madurai, Namakkal, Nilgiris, Perambalur, Puddukotai,	—	Namakkal, Salem

460

Written Answers to

[RAJYA SABHA]

Unstarred Questions

		Vellore, Virudhunagar	Ramanathanpuram, Salem, Sivagangai, Theni, Thiruvannamalai, Thanjavur, Tirunelveli, Thiruvallur, Trichy, Tuticorin, Vellore, Villupuram, Virudhunagar		
22	Tripura	—	—	—	Dhalai, North Tripura, South Tripura, West Tripura
23	Uttar Pradesh	Agra, Aligarh, Badayun, Bulandshahar, Chandauli, Etah, Farukhabad, Firozabad, Gautam Budh Nagar, Jaunpur, Kannauj, Lalitpur, Mahamaya Nagar, Mainpuri, Mathura, Mau, Sant Ravidas Nagar, Varanasi	Agra, Aligarh, Allahabad, Ambedkar Nagar, Auraiya, Azamgarh, Badaun, Baghpat, Balrampur, Banda, Barabanki, Bareilly, Basti, Bijnor, Bulandshahar, Chitrakoot, Etah, Etawah, Fatehpur, Firozabad, GB Nagar, Ghaziabad, Ghazipur, Hamirpur, Hardoi, Hathras, Jaunpur, Jhansi, Kannauj, Kanpur Dehat, Lakhimpur, Mahoba, Mathura, Meerut,	Bahraich, Balia, Balrampur, Bareilly, Basti, Bijnor, Chandauli, Ghazipur, Gonda, Gorakhpur, Lakhimpur Kheri, Meerut, Mirzapur, Muradabad, Rai Bareilly, Sant Kabir Nagar, Shajahanpur, Siddarthnagar, Sant Ravidas Nagar, Unnao	Azamgarh, Ballia, Balrampur, Etawah, Fatehpur, Gazipur, Gonda, Hardoi, Kanpur Dehat, Kanpur Nagar, Lakhimpur, Lalitpur, Mau, Siddartnagar, Unnao

1	2	3	4	5	6
			Mau, Moradabad, Muzaffarnagar, Mirzapur, Raebarelli, Rampur, Sant Ravidas Nagar, Shajahanpur, Sitapur, Sonbhadra, Sultanpur, Shravasti, Siddarth Nagar, Unnao		
24	Uttarakhand	—	Dehradun, Haridwar, Udhamsinghnagar	—	—
25	West Bengal	Bankura, Bardhaman, Birbhum, Dakshindinajpur, Malda, Nadia, Purulia, Uttardinajpur, South 24 Praganas	Bankura, Bardhaman	Bardhaman, Hooghly, Howrah, Malda, Murshidabad, Nadia, N-24 Parganas, S- 24 Parganas	Bankura, Bardhaman, Birbhum, Dakshindinajpur, E. Midnapur, Howrah, Hugli, Jalpaiguri, Kolkata, Murshidabad, N-24 Parganas, Nadia, S-24 Parganas, Uttardinajpur, West Midnapur
26	Andaman and Nicobar Islands	—	—	—	Andaman