

| 1 | 2 | 3 | 4 |
|---|-------------------------|----------------|------------------------------------|
| 8 | J Chokkarao LIS | Andhra Pradesh | Please see (c) and (d) below |
| 9 | Bargi Diversion project | Madhya Pradesh | Approved by the Steering Committee |

(c) and (d) New projects could be considered for inclusion as National Projects on receipt of proposals from the State Governments in the prescribed format, indicating satisfaction of one or more criteria for inclusion as defined by the published guidelines of the scheme of National Projects recommendation thereupon of a high powered Steering Committee constituted for the purpose of overseeing the entire process of selection and implementation of National Projects clearance from Expenditure Finance Committee/Project Investment Board and on the approval by the Union Cabinet.

In the 1st meeting of the High Powered Steering Committee for National project held on 6th August 2009, it was decided that initially only one project from each state in the category of intra-state project with more than 2 lakh ha. of irrigation potential may be included for funding under the scheme of National Projects. Any further project in this category will be considered only on completion of an ongoing project funded as a national project in this category on 1:1 basis. This decision was taken in order to avoid thin spreading of available resources so that project included in scheme of national project could be completed in stipulated time frame.

In view of above, J Chokkarao Lift Irrigation scheme of Andhra Pradesh is not being considered for inclusion in the scheme of national project since Indira Sagar Polavaram project has already been recommended by the High Powered Steering Committee for inclusion in the scheme of national project and has also been considered by the Expenditure Finance Committee (EFC). Some information clarification has been sought by EFC which is to be provided by the Govt, of Andhra Pradesh.

Release of waste water

3047. SHRI N. K. SINGH:

SHRIMATI SHOBHANA BHARTIA:

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether drinking water in one third of the country's districts has a very high fluoride content and very high salinity and nitrate content in one-fourth of the districts;

(b) whether, as a result of this, 65 million people are suffering from fluorosis;

(c) the amount of wastewater that is currently untreated across the country and the amount of sewage being released into the rivers/ocean; and

(d) the steps, if any, that are being taken to set up the treatment of wastewater and sewage, especially in urban areas?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI VINCENT PALA): (a) The Central Ground Water Board (CGWB) undertakes monitoring of ground water regime through a network of observation wells located in various parts of the country. The data generated by the CGWB during the course of ground water regime monitoring and various scientific studies have revealed the occurrences of salinity, iron, fluoride and arsenic in the ground water beyond the permissible limit of drinking water standards (BIS-10500) in some parts of the country. The details are given in Statement (See below).

(b) It is estimated by the Ministry of Health and Family Welfare that population actually affected by fluorosis in the country is 25 million and 66 million are at risk of fluorosis.

(c) As per the report of the Central Pollution Control Board (CPCB), the estimated sewage generation in Class-I cities and Class-II towns is 38254 million litre per day (MLD), whereas the treatment capacity exists only for 11787 MLD. The remaining 26467 MLD sewage is discharged untreated into rivers and the ocean.

(d) Ministry of Urban Development provides central assistance to the states under the Jawaharlal Nehru National Urban Renewal Mission (JNNURM) and the Urban Infrastructure Development Scheme for Small & Medium Towns (UIDSSMT) for developing sewerage system and sewage treatment facilities. So far, 110 sewerage projects have been approved under JNNURM at an estimated cost of Rs. 13476.45 crore and 161 Sewerage projects have been approved under UIDSSMT at an estimated cost of Rs. 6129.89 crore.

Statement

State-wise the occurrence of salinity, fluoride, arsenic and iron, in ground water

| Sl.No. | State/UT | Salinity (EC above 3000 μ S/cm) (No. of Districts) | Fluoride (above 1.5 mg/l) (No. of Districts) | Arsenic (above 0.01 mg/l) (No. of Districts) | Iron (above 1.0mg/l) (No. of Districts) |
|--------|-------------------|--|---|--|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Andaman & Nicobar | | | | Andaman (1) |
| 2 | Andhra Pradesh | Anantapur, Chittoor, Kurnool, Cuddapah, Nellore, Prakasam, Guntur, Mahbubnagar, Nalgonda, Krishna, Khammam, Warangal, Medak, East Godavari, Srikakulam, Visakhapatnam (16) | Adilabad, Anantapur, Chittoor, Guntur, Hyderabad, Karimnagar, Khammam, Krishna, Kurnool, Mahbubnagar, Medak, Nalgonda, Nellore, Prakasam, Rangareddy, Visakhapatnam, Vizianagaram, Warangal, West Godavari (19) | - | Adilabad, Chittoor, Cuddapah, Guntur, Hyderabad, Karimnagar, Krishna, Kurnool, Mahbubnagar, Medak, Nalgonda, Nellore, Nizamabad, Rangareddy, Visakhapatnam (15) |
| 3 | Assam | - | Goalpara, Kamrup, Karbi Anglong, Nagaon (4) | Dhemaji (1) | Cachar, Darrang, Dhemaji, Dhubri, Goalpara, Golaghat, Hailakandi, Jorhat, Kamrup, Karbi |

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| | | | | | Anglong, Karimganj, Kokrajhar, Lakhimpur, Morigaon, Nagaon, Nalbari, Sivasagar Sonitpur (18) |
| 4 | Bihar | - | Aurangabad, Banka, Buxar, Jamui, Kaimur (Bhabua), Munger, Nawada, Rohtas, Supaul (9) | Begusarai, Bhagalpur, Bhojpur, Buxar, Darbhanga, Katihar, Khagaria, Kishanganj, Lakhisarai. Munger, Patna, Purnia, Samastipur, Saran, Vaishali (15) | Aurangabad, Begusarai, Bhojpur, Buxar, East Champaran, Gopalganj, Katihar, Khagaria, Kishanganj, Lakhisarai, Madhepura, Muzaffarpur, Nawada, Rohtas, Saharsa, Samastipur, Siwan, Supaul, West Champaran (19) |
| 5 | Chhattisgarh | | Bastar, Bilaspur, Dantewada, Janjgir- Champa, Jashpur, Kanker, Korba, Koriya, Mahasamund, Raipur, Rajnandgaon, Surguja (12) | Rajnandgaon (1) | Bastar, Dantewada, Kanker, Koriya, (4) |

| 1 | 2 | 3 | 4 | 5 | 6 |
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| 6 | Delhi | North West Delhi, West Delhi, South West Delhi(3) | East Delhi, North West Delhi, South Delhi, South West Delhi, West Delhi (5) | | Isolated pockets in all districts |
| 7 | Goa | | | | North Goa, South Goa (2) |
| 8 | Gujarat | Ahmedabad, Amreli, Anand, Bharuch, Bhavnagar, Banaskantha, Dohad, Porbandar, Jamnagar, Junagadh, Kutch, Kheda, Mahesana, Navsari, Patan, Panchmahals, Rajkot, Sabarkantha, Surendranagar, Surat, Vadodara, (21) | Ahmedabad, Amreli, Anand, Banaskantha, Bharuch, Bhavnagar, Dohad, Junagadh, Kutch, Mahesana, Narmada, Panchmahals, Patan, Rajkot, Sabarkantha, Surat, Surendranagar, Vadodara. (18) | | Ahmedabad, Banaskantha, Bhavnagar, Kutch, Mahesana Narmada. (6) |
| 9 | Haryana | Bhiwani, Faridabad, Fatehabad, Gurgaon, Hisar, Jhajjar, Kaithal, Mahendragarh, Panipat, Rewari, Rohtak, Sirsa, Sonipat, Yamunanagar (14) | Bhiwani, Faridabad, Gurgaon, Hisar, Jhajjar, Jind, Kaithal, Kurukshetra, Mahendragarh, Panipat, Rewari, Rohtak, Sirsa, Sonipat (14) | | Ambala, Bhiwani, Faridabad, Fatehabad, Gurgaon, Hisar, Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Mahendragarh, Panipat, Rohtak, Sirsa, Sonipat, Yamunanagar (17) |

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| 10 | Himachal Pradesh | Mandi (1) | | |
| 11 | Jammu & Kashmir | - | Rajauri, Udhampur (2) | Baramulla, Budgam, Kathua, Kupwara, Pulwama, Srinagar (6) |
| 12 | Jharkhand | | Bokaro, Giridih, Godda, Gumla, Palamu, Ranchi (6) | Chatra, Deoghar, East Singhbhum, Giridih, Ranchi, West Singhbhum (6) |
| 13 | Karnataka | Bijapur, Bagalkot, Belgaum, Bellary, Chitradurga, Chikmagalur, Davangere, Dharwad, Gadag, Gulburga, Hassan, Haveri, Mandya, Raichur, Udupi (15) | Bagalkot, Bangalore, Belgaum, Bellary, Bidar, Bijapur, Chamaraajnagar, Chikmagalur, Chitradurga, Davangere, Dharwad, Gadag, Gulburga, Haveri, Kolar, Koppal, Mandya, Mysore, Raichur, Tumkur (20) | Bagalkot, Bangalore, Belgaum, Bellary, Bidar, Bijapur, Chikmagalur, Chitradurga, Dakshin Kannada, Davangere, Gulburga, Hassan, Haveri, Kodagu, Kolar, Koppal, Mysore, Raichur, Shimoga, Tumkur, Udupi, Uttar Kannada (22) |

| 1 | 2 | 3 | 4 | 5 | 6 |
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| 14 | Kerala | Palakkad (1) | Palakkad (1) | | Alappuzha, Ernakulam, Idukki, Kannur, Kasargod, Kollam, Kottayam, Kozhikode, Malappuram, Palakkad, Pathanamthitta, Thiruvananthapuram, Thrissur, Wayanad (14) |
| 15 | Madhya Pradesh | Bhind, Indore, Jhabua, Sheopur, Ujjain, Neemuch (6) | Bhind, Chhatarpur, Chhindwara, Datia, Dewas, Dhar, Guna, Gwalior, Harda, Jabalpur, Jhabua, Khargone (West Nimar), Mandasaur, Rajgarh, Satna, Seoni, Shajapur, Sheopur, Sidhi (19) | | Balaghat, Betul, Bind, Chhatarpur, Chhindwara, Guna, Gwalior, Hoshangabad, Narsinghpur, Panna, Raisen, Rajgarh, Rewa, Sagar, Satna, Sehore, Seoni, Shahdol, Shajapur, Sidhi, Ujjain, Umaria, Vidisha, Dindori, Khandwa (East Nimar) (25) |

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| 16 | Maharashtra | Ahmednagar, Akola, Amravati, Beed, Buldhana, Chandrapur, Dhule, Jalna, Jalgaon, Nagpur, Nashik, Parbhani, Raigad, Satara, Solapur, Wardha (16) | Amravati, Chandrapur, Dhule, Gadchiroli, Gondia, Jalna, Nagpur, Nanded (8) | Ahmednagar, Amravati, Beed, Buldhana, Chandrapur, Dhule, Gadchiroli, Jalna, Kohlapur, Latur, Nandurbar, Nashik, Osmanabad, Parbhani, Ratnagiri, Satara, Thane, Wardha, Washim, Yavatmal (20) |
| 17 | Manipur | | | Bishnupur, Thoubal (2) |
| 18 | Orissa | Jagatsinghapur (1) | Angul, Baleswar, Bargarh, Bhadrak, Boudh, Cuttack, Deogarh, Dhenkanal, Jajpur, Kendujhar, Subarnapur (11) | Baleswar, Bargarh, Bhadrak, Cuttack, Deogarh, J. Singhpur, Jajpur, Jharsuguda, Kendrapara, Khordha, Koraput, Mayurbhanj, Nayagarh, Puri, Rayagada, Sambalpur, Sundergarh, Subarnapur (21) |
| 19 | Punjab | Bathinda, Ferozepur, Faridkot, Gurdaspur, Mansa, Muktsar, Patiala, Sangrur (8) | Amritsar, Bathinda, Faridkot, Fatehgarh Sahib, Ferozepur, Gurdaspur, Mansa, Moga, Muktsar, Patiala, Sangrur (11) | Bathinda, Faridkot, Fatehgarh Sahib, Ferozepur, Gurdaspur, Hoshiarpur, Mansa, Rupnagar, Sangrur (9) |

| 1 | 2 | 3 | 4 | 5 | 6 |
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| 20 | Rajasthan | Ajmer, Alwar, Barmer, Bharatpur, Bhilwara, Bundi, Bikaner, Churu, Chittorgarh, Dholpur, Dausa, Sri Ganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalor, Jhunjhunu, Jodhpur, Karauli, Nagaur, Pali, Rajsamand, Sirohi, Sikar, Sawai Madhopur, Tonk, Udaipur (27) | Ajmer, Alwar, Banaswara, Barmer, Bharatpur, Bhilwara, Bikaner, Bundi, Chittorgarh, Churu, Dausa, Dholpur, Dungarpur, Sri Ganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalor, Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Rajsamand, Sirohi, Sikar, Sawai Madhopur, Tonk, Udaipur (30) | Banswara, Baran, Bharatpur, Bhilwara, Churu, Dausa, Sri Ganganagar, | Ajmer, Alwar, Bikaner, Chittorgarh, Dholpur, Dungarpur, Hanumangarh, Jaipur, Jaisalmer, Jhalawar, Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Rajsamand, Sikar, Sawai Madhopur, Tonk, Udaipur (28) Namakkal, Salem (2) |
| 21 | Tamil Nadu | Coimbatore, Chennai, Cuddalore, Dindigul, Dharmapuri, Erode, Pudukkottai, Ramanathapuram, Salem, Karur, Namakkal, Perambalur, Thiruvannamalai, Tiruchirappalli, Thanjavur, Thoothukkudi, Tirunelveli, Theni, Vellore, Viluppuram, Virudhunagar (21) | Coimbatore, Dharmapuri, Dindigul, Erode, Karur, Krishnagiri, Namakkal, Perambalur, Puddukkottai Ramanathapuram, Salem, Sivaganga, Theni, Thiruvannamalai, Tiruchirappalli, Vellore, Virudhunagar (17) | | |

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| 22 | Tripura | | | | Dhalai, North Tripura, South Tripura, West Tripura, (4) |
| 23 | Uttar Pradesh | Agra, Allahabad, Aligarh, Hamirpur, Hathras, Jyotiba Phule Nagar, Mathura (7) | Agra, Aligarh, Etah, Firozabad, Jaunpur, Kannauj, Mahamaya Nagar, Mainpuri, Mathura, Maunath Bhanjan (10) | Agra, Aligarh, Ballia, Balrampur, Gonda, Gorakhpur, Lakhimpur Kheri, Mathura, Moradabad (9) | Azamgarh, Ballia, Balrampur, Etawah, Fatehpur, Gazipur, Gonda, Hardoi, Kanpur Dehat, Kanpur Nagar, Lakhimpur Kheri, Lalitpur, Mau, Siddarthnagar, Unnao (15) |
| 24 | West Bengal | Bankura, Howrah, Medinipur, N-24 Parganas, S-24 Parganas (5) | Bankura, Bardhaman, Birbhum, Dakshin Dinajpur, Malda, Nadia, Purulia, Uttardinajpur (8) | Bardhaman, Hooghly, Howrah, Malda, Murshidabad, Nadia, North 24 Parganas, South 24 Parganas (8) | Bankura, Bardhaman, Birbhum, Dakshin Dinajpur, E. Medinipur, Howrah, Hugli, Jalpaiguri, Kolkata, Murshidabad, N-24 Parganas, Nadia, S-24 Parganas, Uttar Dinajpur, West Medinipur (15) |

(Source: CGWB)