



HARYANA WATER RESOURCES AUTHORITY

Rear Building, 3rd Floor, HSVP, Sector-6, Panchkula

Website: www.hwra.org.in

Notification

The 10th September, 2021

No. HWRA/485/Notification/2021.— In exercise of the powers conferred under Sub-section (3) of Section 12 of "The Haryana Water Resources (Conservation, Regulation And Management) Authority Act", 2020, (the Act) and in supersession of the Notification No.2/62/2020-IIW (hereinafter earlier notification) dated 23.12.2020, the procedure, forms, terms & conditions, fee and charges etc., for seeking permissions from "The Haryana Water Resources Authority" (Short HWRA) under Section 16 of the Act is hereby provided as under.

The permissions/NOCs granted by or application submitted to the Authority, under the earlier notification shall deemed to have been granted or submitted to the Authority under this notification.

- 1) The intended user i.e. **industry, mining or infrastructure**, as the case may be, may apply, online from the portal of the authority, for seeking permissions to use water.
- 2) An online application shall be made to the Authority for seeking permission/No objection Certificate to use water, for industrial use, along with such documents and information specified in the Schedule-I.
- 3) An online application shall be made to the Authority for seeking permission/No objection Certificate to use water, for mining use, in along with such documents and information specified in the Schedule-II.
- 4) An online application shall be made to the Authority for seeking permission/No objection Certificate to use water, for infrastructure use, along with such documents and information specified in the Schedule-III.
- 5) The person or entity, as the case may be, shall pay a processing fee, as provided under Schedule-IV, along with the application for seeking permissions/No objection Certificate.
- 6) All the permissions to be given, shall be subject to such terms and conditions as mentioned in the respective Schedule and as the Authority may deem fit.
- 7) All the permissions/No objection Certificate shall be given under the seal of the Authority.
- 8) **All the permissions/No objection Certificate shall be valid for one year :**

Provided that the applicant has to comply with the further terms and conditions as may be imposed by the Authority and no person can deny to comply with the terms and conditions merely because he has sought the permissions/No objection Certificate under the earlier notification.

9) The applicant, on grant of permission/No objection Certificate, shall be liable to pay Ground water abstraction/ restoration charges as per Appendix 5.0.

Exemptions from seeking No Objection Certificate :

Following categories of users/persons shall be exempted from seeking No Objection Certificate for ground water extraction :

- (i) Individual domestic consumers in both rural and urban areas for drinking water and domestic uses where public water supplies do not exist.
- (ii) Rural drinking water supply schemes.
- (iii) Armed Forces Establishments and Central Armed Police Forces establishments in both rural and urban areas.
- (iv) Agricultural activities.
- (v) Micro and small Enterprises drawing ground water less than 10 cum/day. However, such MSME shall get its self registered itself with the Authority.

SCHEDULE-I

Industrial Use :-

In Over-exploited assessment units, NOC shall not be granted for ground water abstraction to any new industry except those falling in the category of **Micro, Small and Medium Enterprises (MSME)**. However, NOC for drinking/ domestic use for work force, use by these new industries shall be permitted. NOC shall not be granted to new packaged water industries or water intensive industries in Overexploited areas, even if they belong to MSME category.

In case of Expansion of existing industries, in over-exploited assessment units, involving increase in quantum of ground water abstraction, only for production of ethanol, in public interest, shall be permitted with additional terms & conditions mentioned at 1A

NOC for ground water extraction by industries shall be granted subject to the following specific conditions :

- (i) NOC shall be granted only in such cases where local government water supply agencies are not able to supply the desired quantity of water.
- (ii) All industries shall be required to adopt latest water efficient technologies so as to reduce dependence on ground water resources.
- (iii) All industries abstracting ground water between 100-500 m³/d shall be required to undertake self annual water audit as per the format provided by HWRA along with the affidavit and submit audit reports within three months of completion of the same to HWRA. Industries abstracting ground water in excess of 500 m³/d shall be required to undertake annual water audit through Confederation of Indian Industries (CII)/ Federation Indian Chamber of Commerce and Industry (FICCI)/ National Productivity Council (NPC) certified auditors and submit audit reports within three months of completion of the same to HWRA. All industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- (iv) Construction of observation well(s) (piezometer)(s) along with automatic water level recorder, within 6 months from the date of issuance of NOC, within the premises and installation of appropriate water level monitoring mechanism, shall be mandatory for industries drawing/ proposing to draw more than 500 m³/day of ground water and. Monitoring of water level shall be done by the project proponent. The piezometer (observation well) shall be constructed at a minimum distance of 15 m. from the bore well/production well. Depth and aquifer zone tapped in the piezometer shall be the same as that of the pumping well/ wells. Detailed guidelines for design and construction of piezometers are given in **Annexure II**. Monthly water level data shall be submitted to the HWRA through the web portal.
- (v) The proponent shall be required to adopt roof top rain water harvesting/ recharge in the project premises. Industries which are likely to pollute ground water (chemical, pharmaceutical, dyes, pigments, paints, textiles, tannery, pesticides/ insecticides, fertilizers, slaughter house, explosives etc.) shall store the harvested rain water in surface storage tanks for use in the industry and accordingly reduce their abstraction of ground water requirement.
- (vi) Injection of treated/ untreated waste water into aquifer system is strictly prohibited.
- (vii) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution (**Annexure III**).
- (viii) All industries drawing ground water in safe, semi-critical and critical assessment units shall be required to pay ground water abstraction charges as applicable as per Tables 5.2 A and 5.3 A.
- (ix) All existing industries drawing ground water in over-exploited assessment units shall be liable to pay ground water restoration charges as applicable as per Tables 5.2 B and 5.3 B.

1A) Additional terms & conditions:-

The industry shall recharge groundwater through rain water harvesting by double the amount of water consumed by them. The units shall adopt nearby Government Schools/ Colleges/Institutions, Village Ponds etc. for rain water harvesting.

The industry shall take measures to reduce their water consumption by 30% in 3 years time.

The industry shall pay 1.5 times the tariff compared to the normal tariff being charged in such areas for the additional quantities of water being abstracted.

The industry shall ensure for "Zero Liquid Discharge".

Documents to be submitted with the application

- (a) An affidavit on non judicial stamp paper of Rs. 10/- regarding non availability of water supply from local government agencies in cases where ground water requirement is up to 10 m³/day.
- (b) Certificate regarding non/ partial availability of fresh water/ treated waste water supply from the local government water supply agency, where such agency is responsible to supply water for industrial

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- purpose, in cases where requirement of ground water is more than 10 m³/day.
- (c) Ground water quality data of existing bore well/ tube well/ dug well from any NABL accredited laboratory or Govt. approved laboratory (in case of existing projects applying for NOC).
 - (d) Water quality data of bore well/ tube well/ dug well in respect of existing industries from NABL accredited laboratories/Government approved laboratories. (to be removed).
 - (e) Proposal for rain water harvesting/ recharge within the premises as per Model Building Bye Laws issued by Ministry of Housing & Urban Affairs.
 - (f) **Impact Assessment report:** All projects extracting/proposing to extract ground water in excess of 500 m³/day in Over-exploited, Critical and Semi-critical areas shall have to mandatorily submit impact assessment report of existing/ proposed ground water withdrawal on the ground water regime and also socio-economic impacts report prepared by accredited consultants. Pro-forma for the report is given in **Annexure IV.**

SCHEDULE-II

MINING PROJECTS :-

All existing as well as new mining projects will be required to obtain NOC for ground water abstraction. Since mining projects are location specific, there will be no ban on grant of NOC for abstraction of ground water for such projects in over-exploited assessment units.

NOC for mining projects shall be granted subject to the following specific conditions :

- (i) It shall be mandatory for all the mining industries to ensure that water available from de-watering operations is properly treated and should be gainfully utilized for supply for irrigation, dust suppression, mining process, recharge in downstream and for maintaining e-flows in the river system.
- (ii) Construction of observation well(s) (piezometers) along the periphery in the premises, for monthly ground water level monitoring, shall be mandatory for mines drawing/ proposing to draw more than 100 m³/day of ground water. Depth and aquifer zone tapped in the piezometer shall be commensurate with that of pumping well/ wells.
- (iii) In addition, the proponent shall monitor ground water levels by establishing observation wells (piezometers) in the core and buffer zones as specified in the NOC.
- (iv) In case of coal and other base metal mining the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- (v) In addition to this, all mining units shall also monitor the water quality of mine seepage and mine discharge through NABL accredited/ Govt. approved laboratories and the same shall be submitted at the time of self compliance.
- (vi) All mining projects drawing ground water in safe, semi-critical and critical assessment units shall be required to pay ground water abstraction charges as applicable as per Tables 5.4 A.
- (vii) All mining projects drawing ground water in over-exploited assessment units shall be liable to pay ground water restoration charges as per Table 5.4 B.
- (viii) All the mining projects purchasing ground water from the irrigation tube wells through tankers shall be liable to pay ground water restoration charges as per the table 5.4 B.

Documents to be submitted with the application

- (a) Mining plan approved by the concerned Govt. agency/ department.
- (b) Proposal for rain water harvesting/ recharge within the premises as per Model Building Bye Laws issued by Ministry of Housing & Urban Affairs.
- (c) Comprehensive report prepared by accredited consultant on ground water conditions in both core and buffer zones of the mine, depth wise and year wise mine seepage calculations, impact assessment of mining and dewatering on ground water regime and its socio-economic impact, details of recycling, reuse and recharge, reduction of pumping with use of technology for mining and water management to minimize and mitigate the adverse impact on ground water, based on local conditions. Format for report is given in **Annexure-V.**

SCHEDULE-III

INFRASTRUCTURE PROJECTS :-

Since infrastructure projects are location specific, grant of NOC to such projects located in over-exploited assessment units shall not be banned. New infrastructure projects/ residential buildings may require dewatering during construction activity and/ or use ground water for construction. In both cases, applicants shall seek NOC from HWRA before commencement of work. However, in over-exploited assessment units, use of ground water for construction activity shall be permitted only if no treated sewage water is available within 10 km. radius of the site. New as well as existing Infrastructure projects shall also be required to seek NOC for abstraction of ground water.

No NOC shall be granted for extraction of groundwater for Water Parks, Theme Parks and Amusement Parks in over-exploited assessment units.

Indicative list of Infrastructure projects is given in Annexure VI.

The NOC for ground water abstraction will be granted subject to the following specific conditions :

- (i) In case of infrastructure projects that require dewatering, proponent shall be required to carry out regular monitoring of dewatering discharge rate (using a digital water flow meter) and submit the data through the web portal to HWRA as applicable. Monitoring records and results should be retained by the proponent for two years, for inspection or reporting as required by HWRA.
- (ii) Installation of Sewage Treatment Plants (STP) shall be mandatory for new projects, where ground water requirement is more than 50 m³/day. The water from STP shall be utilized for toilet flushing, car washing, gardening etc.
- (iii) For infrastructure dewatering/ construction activity, NOC shall be valid for specific period as per the detailed proposal submitted by the project proponent.
- (iv) All infrastructure projects drawing ground water in safe, semi-critical and critical assessment units shall be required to pay ground water abstraction charges as applicable as per Table 5.3 A.
- (v) All infrastructure projects (new/ existing) drawing ground water in over-exploited assessment units shall be liable to pay ground water restoration charges as per Table 5.3 B.

Documents to be submitted with the application

- (a) In cases where dewatering is involved, submission of impact assessment report prepared by an accredited consultant on the ground water situation in the area giving detailed plan of pumping, proposed usage of pumped water and comprehensive impact assessment of the same on the ground water regime shall be mandatory. The report should highlight environmental risks and proposed management strategies to overcome any significant environmental issues such as ground water level decline, land subsidence etc.
- (b) An affidavit on non judicial stamp paper of Rs. 10/- regarding non availability of water from any other source in case water is required for construction in safe and semi critical areas.
- (c) Certificate from a government agency regarding non availability of treated sewage water for construction within 10 km. radius of the site in critical and over-exploited areas.
- (d) Certificate of non-availability of water from local government water supply agency in respect of all categories of assessments units for commercial use.
- (e) Proposal for rain water harvesting/ recharge within the premises as per Model Building Bye Laws issued by Ministry of Housing & Urban Affairs.
- (f) Details of water requirement computed as per National Building Code, 2016 (**Annexure I**), taking into account recycling/ reuse of treated water for flushing, irrigating green areas etc. (in case of completed infrastructure projects for commercial use).
- (g) Completion certificate from the concerned agency for infrastructure projects requiring water for commercial use.

Indicative list of Infrastructure projects

Residential townships including commercial buildings
Office building
School
College
University
Special Economic Zone
Metro Station
Railway Station
Bus Depot
Airport
Seaport
Highway infrastructure
Fire station
Warehouse
Business Plaza
Malls & Multiplex
Hospitals
Nursing Homes
Resort
Hotel/ Restaurant / Food Plaza
Holiday home / Guest house/ Hostels
Banquet Hall / Marriage Gardens
IT Complex
Logistics & Cargo
Clubs
Trade Centre/ Agri Markets

STAGE OF GROUND WATER DEVELOPMENT AND CATEGORIZATION OF THE BLOCKS AS ON 31-3-2017

Sr. No.	District	Over-exploited	Critical	Semi-critical	Safe
1.	Ambala	Barara, Naraingarh, Saha	Shahzadpur	Ambala-I	Ambala-II
2.	Bhiwani	Behal, Kairu, Loharu, Tosham	-	Bhiwani	Bhiwani Khera, Siwani
3.	Charkhi Dadri	Badhra, Jhoju	-	Ch. Dadri	Baund
4.	Faridabad	Ballabhgarh, Faridabad	-	-	-
5.	Fatehabad	Fatehabad, Ratia, Tohana, Jakhal, Bhattu Kalan	Bhuna	-	-
6.	Gurugram	Farukhnagar, Pataudi, Sohna, Gurugram			
7.	Hissar	Adampur, Agroha, Narnaund	Barwala	Bass, Hisar-I, Hisar-II, Uklana	Hansi
8.	Jhajjar				Jhajjar, Matanhail, Salhawas, Beri, Bhadurgarh
9.	Jind	Alewa, Uchana, Ujhana, Safidon, Jind	-	Pillukhera	Julana, Narwana
10.	Kaithal	Siwan, Gulha, Kaithal, Kalyat, Pundri, Rajaund, Dhand	-	-	-
11.	Karnal	Assandh, Gharaunda, Karnal, Nilokheri, Nissing at Chirao	-	Indri	-
12.	Kurukshetra	Ismailabad, Babain, Ladwa, Pehowa, Shahbad, Thanesar, Pipli	-	-	-
13.	M.garh	Kanina, Mahendragarh	-	Nangal Chaudhary, Satnali, Simha, Ateli Nangal	Narnaul, Nizampur
14.	Mewat	Punhana, Tauru	-	Nuh, Ferozepur Jhirka	Nagina
15.	Palwal	Hassanpur, Hathin, Hodel, Palwal	-	-	-
16.	Panchkula	-	-	Raipur Rani	Pinjore, Barwala
17.	Panipat	Bapoli, Israna, Madlauda, Panipat, Samalkha	-	-	-
18.	Rewari	Khol, Rewari, Nahar	-	Dahina, Jatusana	Bawal
19.	Rohtak				Lakhan Majra, Meham, Kalanaur, Sampla, Rohtak
20.	Sirsa	Ellenabad, Rania, Sirsa, Nathusari Chopta, Baraguda, Odhan, Dabwali	-	-	-
21.	Sonepat	Ganaur, Sonepat, Rai	-	Mundlana	Gohana, Kathura, Kharkhoda
22.	Yamunanagar	Chachrauli, Jagadhri, Mustafabad, Khizrabad, Radour	-	Sadaura, Bilaspur	-
	State Total	78	3	21	26

*Morni block of district Panchkula not assessed due to complete hilly area.