



Limited Liability Company

«H2O Water Treatment Systems»

**MANUFACTURE AND DELIVERY OF
EQUIPMENT AND MATERIALS FOR
NATURAL AND WASTE
WATER TREATMENT**





Director
"H2O Water
Treatment System"
LLC
N.G. Ufimtcev

Georesurs,

PJSC Transneft (Transneft – Tsentralnaya Siberia, Sibnefteprovod),

PJSC Lukoil (LUKOIL-ENERGOSETI Co., Ltd.),

PJSC Gazpromneft (Gazpromneft snabzheniye),

Integra-Geofizika, Norgaz, Bashneftegeofizika, Energogaz, Samaraneftegeofizika, etc.

Today "H2O Water Treatment System LLC is a reliable partner of leading Russian oil and gas companies in the field of water treatment.

When addressing the issues related to water treatment we are willing to use the experience gained by our specialists and modern technologies both for our regular Customers and new Clients."

"Limited Liability Company "H2O Water Treatment System" is a company that produces innovative reagentless water treatment plants installed in packaged modular buildings using its own unique technology.

We have implemented over 550 facilities for our Customers over almost ten years.

Geographic reach of our business was expanding year after year. Our water treatment systems are successfully operated with different water compositions across the area covering 9 mln. sq. km, from the Volga region in the West to Yakutia in the East and from the Zapoliarny Yamal in the North to the territories bordering on the Republic of Kazakhstan in the South.

Every our project is individual because our company try to keep in mind all customer requirments as much as possible. This refers both to the technical aspects of manufactured equipment and to the additional service package.

Contacting our company allows to address every stage from problem analysis to the supply of treated water.

Despite its novelty and uniqueness, our equipment has proven its efficiency under severe operation conditions at most Russian oil and gas deposits.

Our customers:

PJSC NK Rosneft (RN Bureniye, RN Snabzheniye-Nefteyugansk,

RN-Yuganskneftegaz, AJSC Suzun, Sorovskneft Co., Ltd.,

PJSC Gazprom (Gazprom bureniye, Gazprom Tsentrenergogaz, Gazprom



Ul. Permyakova, d. 84, korp. 2/10, Tyumen, 625033, Russia

Tel./fax office: +7(3452) 224118 Tel.mob: +7(922)2617829

E-mail: h2o-72@ya.ru



COMPANY OVERVIEW

HISTORY OF THE COMPANY
ADVANTAGES OF THE COMPANY
INNOVATIVE ACTIVITIES
DOCUMENTATION

H₂O

HISTORY OF THE COMPANY

We have done a great deal of work on creating a unique equipment for water treatment:



-2008 - Successful laboratory tests of reagentless water treatment units.



-2009 - Completion of Experimental and Industrial Testing of water treatment systems in groundwater in various locations of the Tyumen Region

Launch of the water treatment units' sales.



-2010 - Start of cooperation with food and oil and gas enterprises



-2011 - Completion of the initial 100 projects in the Tyumen region. Start of testing of modernized water treatment units in various regions of Russia.



-2012 - Start of cooperation with Rosneft: launch of the water treatment unit at the Company's field.



-2013 - Production of the new product: Block modular water treatment stations in block boxes. Launch of water treatment units at the Gazprom facilities.



-2014-15 Implementation of numerous projects in oil and gas fields. Start of equipment supply for the Transneft Company.

Launch of new series of units for the treatment of complex surface water.



-2016-17 Significant expansion of the list of completed objects and the model range at the fields of Rosneft Oil Company and Gazprom PJSC. Start of cooperation with Gazprom Neft Company.



-2018 Launch of water treatment units for Lukoil Oil Company.

H₂O treatment
systems



ADVANTAGES OF THE COMPANY



1. UNIQUE INNOVATIVE DESIGN



2. OWN PRODUCTION AND ENGINEERING CENTER



3. SHORT TERMS OF PROJECT IMPLEMENTATION



4. COMPATIBLE PRICE OF THE PRODUCT



5. FULL CYCLE OF PROJECT IMPLEMENTATION: FROM UNDERSTANDING THE CAUSE OF CONTAMINATION TO ACQUIRING THE RESULTS IN THE FORM OF PURE WATER.



6. SUCCESSFUL EXPERIENCE OF PROJECT IMPLEMENTATION



WWW.H2O-72.RU



h2o-72@yandex.ru



[+7\(3452\) 22-41-18](tel:+7(3452)22-41-18)

INNOVATIVE ACTIVITIES

A distinctive feature of "H2O Water Treatment System" LLC business is the development of original solutions and systems related to water treatment.

Our company's innovative solutions, together with the use of conventional methods and equipment, gave the opportunity to create a range of unique products surpassing their counterparts in terms of their technical parameters, at a competitive price.

These include packaged and packaged modular water treatment plant CWTS (complex water treatment stations) series, produced by "H2O Water Treatment System" LLC . for rotational camps. This equipment is different from the models existing at the market due to its compact size, lack of reagents, low cost, environmental friendliness, simple maintenance and low operating expenses.

The unique nature of this solution (Patent No. 146434) enabled "H2O Water Treatment System" LLC to successfully implement many projects.



DOCUMENTATION



"H2O Water Treatment System" LLC
located in Tyumen

Has been in the water treatment
equipment business since 2009

Production is certified as per GOST
ISO9001-2011

CREDENTIALS:

"H2O Water Treatment System" LLC. is successfully
accredited with the following oil and gas
companies:

- PJSC NK Rosneft
 - Gazpromneft-Snabzheniye Co., Ltd.
 - OJSC NGK Slavneft
 - AJSC Sstroytransgaz
- And others



WWW.H2O-72.RU



h2o-72@yandex.ru



+7(3452) 22-41-18



PRODUCTS

OUR PRODUCTS

COMPLEX NATURAL WATER TREATMENT
STATIONS (CWTSS)

RAIN DRAINAGE WATER TREATMENT
STATIONS

PUMP STATIONS (CWPs)

ADVANTAGES OF MANUFACTURED
EQUIPMENT (CWTS FACILITIES)



MANUFACTURING RANGE:



Internal view of the water treatment systems of the CWTS (Complex Water Treatment System)

Water Treatment Complex Plants for purification of natural waters

**COMPLEX WATER TREATMENT
STATION (CWTS) MODELS**



ON A SLEIGH



CHASSIS INSTALLATIONS



ON THE FOUNDATION



WWW.H2O-72.RU

✉ h2o-72@yandex.ru

☎ +7(3452) 22-41-18

ADVANTAGES OF THE EQUIPMENT (COMPLEX WATER TREATMENT SYSTEM UNITS):



Unique reagentless water treatment technology.



Ecological compatibility of the waste water.



Complexity of water treatment.



Affordable cost of installation Low operating costs



Small dimensions of the equipment



Can be operated by untrained personnel





STAGES OF WORK

H₂O

STAGES OF WORK:



1



Development of technical and commercial offer

2



Design, development of construction documentation

3



Manufacturing

4



Delivery to the site

5



Supervision works

6



Commissioning works

7



Provision of consumables

8



On-site training of the customer's personnel

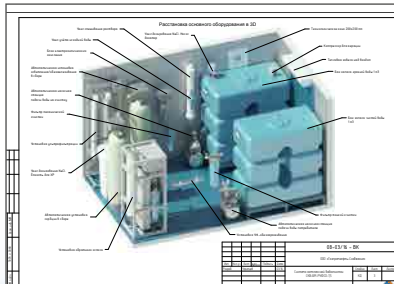
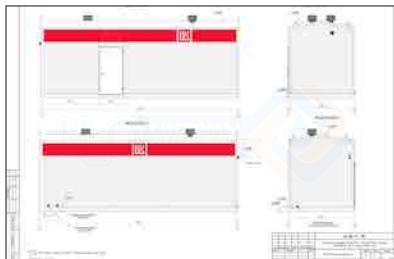
9



Consulting support



DEVELOPMENT OF TECHNICAL AND COMMERCIAL OFFER



"H2O Water Treatment System" LLC submits a technical-and-commercial proposal containing the following information for the Customer's review:

Description of the proposed equipment and technology together with diagrams and layouts

Block box description with drawings

APCS system description with the VA/VE appendix

List of onsite supervised installation and commissioning works



WWW.H2O-72.RU



h2o-72@yandex.ru

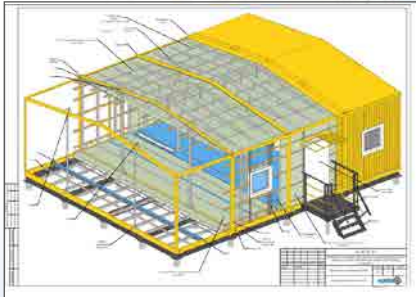
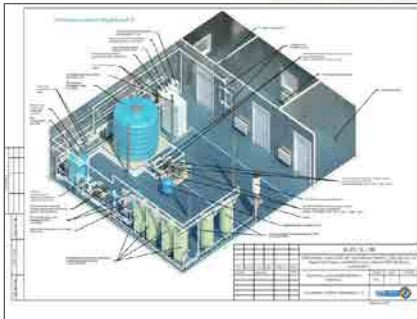


+7(3452) 22-41-18

2



DESIGN, DEVELOPMENT OF CONSTRUCTION DOCUMENTATION



ENGINEERING DOCUMENTATION

"H2O Water Treatment System" LLC designs the following sections of engineering documentation:

- Architectural and construction solutions (AC)
- Internal water supply and sewage systems (WSS)
- Heating and ventilation (HV)
- Electrical equipment and electrical lighting (EEL)
- Security and fire alarms (SFA)
- Integrated automation (IA)



Upon receiving the Customer's approval of Engineering documentation, "H2O Water Treatment System" LLC starts to manufacture the water treatment station. The following works are provided for at this stage:

Manufacturing a packaged modular building

- Installation of water treatment/pump facilities
- Switchboard wiring
- Security and fire alarm installation
- Electric installation



All materials and equipment used for CWTS manufacturing are subject to strict entry inspection



The quality control department verifies the product conformity to engineering and regulatory documentation at every work stage



Upon the completion of CWTS manufacturing works the finished equipment is accepted based on the factory test results



The product manufacturing system established in the company allows to ensure that the Customer's individual requirements are fully met while complying with regulatory requirements



WWW.H2O-72.RU



h2o-72@yandex.ru



+7(3452) 22-41-18

3



MANUFACTURING



◆ Manufacturing of a packaged modular building

preparing the footing of the station building



preparing the framework of the station building



installing enclosure structures of the station building



The company manufactures the packaged modular building based on the drawings provided by the engineering center of "H2O Water Treatment System" LLC. Works are carried out at the company's own facilities with the involvement of companies specializing in steel structure fabrication.

Specialists with many years of experience in executing orders for oil and gas industry participate in the building manufacturing process.



3



MANUFACTURING



◆ Installing water treatment /pumping equipment

The manufactured block box building is transported from the painting shop to the process equipment installation section.

Using the developed 3D-models, specialists of company install treatment, pumping and vessel equipment.

All the elements are interconnected using pipelines and firmly fixed with additional fasteners for transportation.

The pipelines are subjected to pressure test and labelled as required by the Customer or based on GOSTs.



WWW.H2O-72.RU



h2o-72@yandex.ru



+7(3452) 22-41-18

3



MANUFACTURING



Switchboard wiring: IDD's and MCC's

Company specialists assemble and install power supply and automation panels at the production plant. Certified high-quality components supplied by reliable manufacturers are used during the manufacture.



H₂O treatment
systems

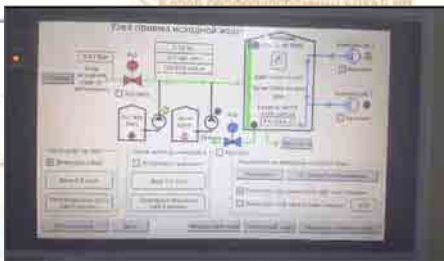


1. На двери
выполнить
2. Закрепить
3. Приклад
4. Наметить
на кронштейн
5. Если не в
ассиметрии
6. Для...

3



MANUFACTURING



♦ Installation of security and fire alarms, electrical equipment and APCS

CWTS water treatment plants provide for the integration of security and fire alarm, electrical power supply, electrical lighting and process automation systems. High level of automation applied to the water treatment stations allows to secure their long-term and failure-free operation without the intervention of operating personnel. The APCS system performs monitoring and flexible adjustment of treatment modes.



WWW.H2O-72.RU



h2o-72@yandex.ru



+7(3452) 22-41-18

4



DELIVERY TO THE SITE



Delivery to the Customer's plant
is carried out by road and railway
transport





SUPERVISION WORKS



"H2O Water Treatment System" LLC.
performs the following types of works at
the Customer's site:

- Supervised installation
- Commissioning
- Providing consultations to customer's specialists
- Training customer's specialists



WWW.H2O-72.RU



h2o-72@yandex.ru



+7(3452) 22-41-18



PROJECTS IN OIL-AND-GAS INDUSTRY

CUSTOMERS
PROJECT MAP
COMMENTS

H₂O

OUR CUSTOMERS



ROSNEFT



WWW.H2O-72.RU

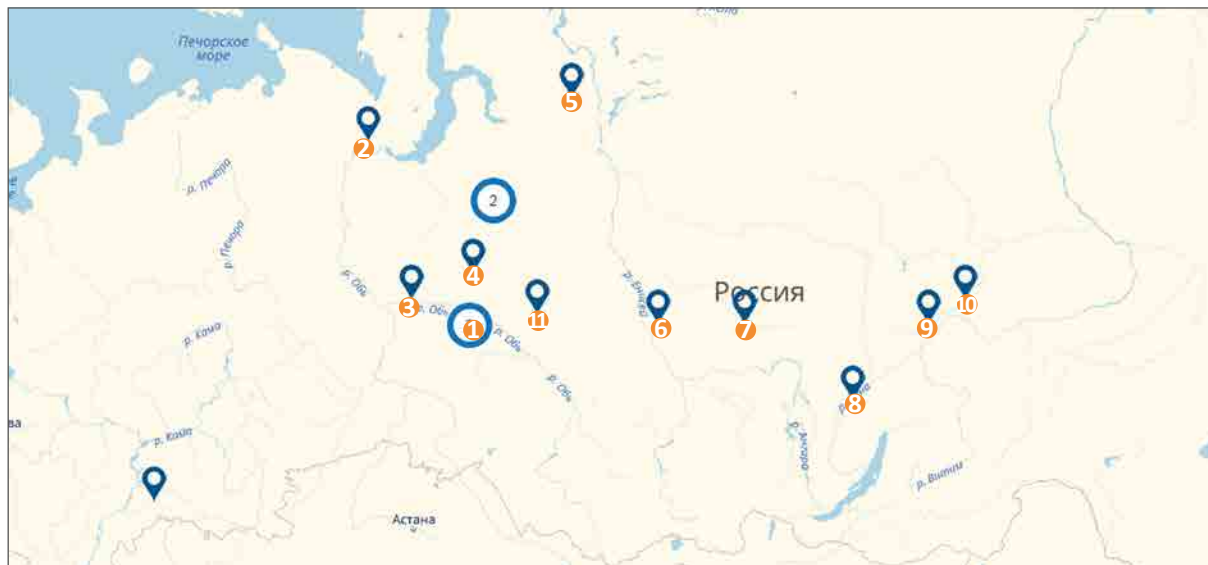


h2o-72@yandex.ru



+7(3452) 22-41-18

MAP OF KEY PROJECTS



- 1. RN-Yuganskneftegaz Co., Ltd. Implementation date: March 2017**
- 2. Gazpromneft-Snabzheniye Co., Ltd. Implementation date: May 2016**
- 3. RN-Snabzheniye-Nefteyugansk Co., Ltd. Implementation date: March 2017**
- 4. PJSC NK LUKOIL. Implemented. Implementation date: March 2018**
- 5. AJSC Suzun. Implementation date: December 2017**
- 6, 7, 8, 9, 10 Gazprom bureniye Co., Ltd. 11 plants. Implementation date: June 2016 - May 2018**
- 11. Transneft – Tsentralnaya Siberia. Implementation date: December 2015**



PROJECT FOR GAZPROM NEFT



Model: sledge-based

Site:

Novoportovskoye and Messoyakha oil,
gas and condensate fields

CWTS plant:

5 m³/3 days, 1 m³/hour

Function:

Removing organic compounds with high color
index from surface water



WWW.H2O-72.RU



h2o-72@yandex.ru



+7(3452) 22-41-18



PROJECT FOR GAZPROM BURENIYE



Function:

Removing iron, hydrogen sulphide and calcium and magnesium compounds from underground water

Model: block box (1m³/hour)

MORE THAN 50 STATIONS MANUFACTURED AND DELIVERED

Site: Sila Sibiri





PROJECT FOR TRANSNEFT



Function:

Removing iron, manganese, turbidity and silicon from underground water

Model: block station (43 m³/hour)

Site: Aleksandrovskoye oil pumping station



WWW.H2O-72.RU



h2o-72@yandex.ru



+7(3452) 22-41-18



PROJECT FOR ROSNEFT



ROSNEFT

Function:

Removing high content of iron, manganese, ammonia and silicon from underground water, when there is high turbidity and color index and the presence of odor.

Site: Fire-engine house of the Ugut field

Max. capacity: 7 m³/hour and 10 m³/day

Site: Priobskoye field

Max. capacity: 25 m³/hour and 70 m³/day





PROJECT FOR LUKOIL



Project for lukoil

Removing high content of iron, manganese and ammonia, when there is high turbidity and color index and the presence of odor.

Site: BPS-6, Oil and gas production workshop No. 6 of the Vatyegan field

Max. capacity: 7m³/hour and 30m³/day



COMMENTS



LUKOIL
OIL COMPANY

ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ
LIMITED LIABILITY COMPANY
LUKOIL-ENERGOSITI
RUSSIAN SIBERIAN REGIONAL OFFICE
SERVICE CENTRE KOGALYMENEGOSIT

№ date
in response to № dt.

REPORT

Quality of building and installation works performed by H2O Water Treatment Systems LLC in facilities of Technical Maintenance Center of Service Center Kogalymenegeroff of LUKOIL-ENERGOSITI WEST SIBERIAN REGIONAL OFFICE LLC

LUKOIL-ENERGOSITI West Siberian Regional Office LLC purchased SKV complex water treatment plant from H2O Water Treatment Systems LLC on February, 2018. The contractor carried out the whole complex of works including design drafting, production, equipment supply, contract supervision, startup and commissioning works, putting into service and staff training.

SKV unit is used successfully in Vafeganskoe deposit from April, 2018 to September, 2018. The equipment removes hydrogen sulfide, iron, coloration, turbidity and ammonia from ground water. As per laboratory data, an advanced water treatment plant enables water quality meeting SanPiN (Sanitary Rules and Regulations) 2.1.4.1074-01 Drinking Water.

The activities complying with design and standard technical documentation related to building industry in the Russian Federation were carried out as per approved activity schedule.

The contractor met fire safety, safety and sanitation standards, occupational safety and environmental protection standards during the activities in the Service Centre Kogalymenegeroff.

We recommend H2O Water Treatment Systems LLC as a manufacturer of block-modular water treatment plants that carries out the whole scope of works rapidly and qualitatively.

Head of Technical Maintenance Center /signature/ V.M. Demchenko
Service Center Kogalymenegeroff

Russia, 628486, the Tyumen Region,
Khanty-Mansi Autonomous District — Yugra, Kogalym
Tsentral'naya street, 12

Tel.: (34667) 6-29-402
Fax: (34667) 6-29-332
6-09-18



UHTA BURENIE BRANCH OF GAZPROM BURENIYE LLC

Uralskaya street, building 10, Uhta-2, Komi Republic, Russian Federation, 169302, tel.: (8216) 76-00-56, add: 7-54-10, fax: (8216) 77-3641
INN/KPP 5003026493/110203001, OGRN 1028900620319, OKPO 00156251

20.10.2015 № 11/3296m

To Ufimtsev N.G.,
Director of H2O Water
Treatment Systems LLC

Dear Nikita Georgievich!

Uhta Burenie Branch of Gazprom Burenie LLC thanks H2O Water Treatment Systems LLC for timely qualitative supply of chemical water treatment system accessories . It stands to mention rapid professional work of the company staff, beneficial quality-to-price ratio products, varied assortment, fast delivery and individual approach to a customer.

We consider H2O Water Treatment Systems LLC as a reliable supplier who fulfils its commitments in good faith and first of all respects honors the interests of a customer.

In virtue of positive cooperation, Uhta Burenie Branch can recommend H2O Water Treatment Systems LLC as a beneficial, professional and reliable partner.

We are looking forward to further mutually beneficial cooperation.

Head of Procurement Department /signature/ L.V. Bazhukova



**LIMITED LIABILITY COMPANY RN - YOGANSKNEFTEGAZ
(RN-Yoganskneftegaz LLC)**

Lening street, 26, Nefteyugansk, Khanty-Mansi Autonomous District — Yugra, Russian Federation, 628309
Tel.: (3463) 332-866, fax: (3463) 337-764-7, e-mail: com-int@rn-yuganskneftegaz.ru
RNNBO 76841742, PRSN 1058602819538, TRN RRC 8604035473 / 860401001

28.09.2018 № 02-03-04-3723
in response to d.

To Ufimtsev N.G.,
Director of
H2O Water Treatment Systems LLC

Work Report

Dear Nikita Georgievich!

On February, 2017 H2O Water Treatment Systems LLC supplied SKV complex water treatment plant for RN-Yuganskneftegaz LLC under the contract with RN-Snabzhenie-Nefteyugansk LLC.

Your company carried out the whole complex of work including design drafting, production, equipment supply, contract supervision, startup and commissioning works, putting into service and staff training.

As of September, 2018, SKV unit is used to purify significantly contaminated ground water (where iron level, coloration value, turbidity value, manganese level and permanganate demand value are 87, 3.8, 38, 9 and 1.8 times higher than normal values, respectively) in Sorovskoe deposit of NK Rosneft' PAO (PJSC).

Owing to the best practices of H2O Water Treatment Systems LLC staff and water treatment plant configuration, laboratory data-based water quality complies with SanPin (Sanitary Rules and Regulations) 2.1.4.1074-01 Drinking Water.

During our collaboration H2O Water Treatment Systems LLC proved to be a reliable stable partner who carries out complex activities related to production of block-modular water treatment plants urgently and qualitatively.

We are looking forward to further mutually beneficial cooperation with Your company.

Deputy Head of Heat & Water Supply Office /signature/ D.G. Uhariski



**LIMITED LIABILITY COMPANY
GAZPROMNEFT-SNABZHENIE
(GAZPROMNEFT-SNABZHENIE LLC)
Gazpromneft-Snabzhenie Tyumen Branch**

Registered address
Russia, 644040, Omsk, Dokeskaya street, 23
OGRN 1035501014284
Postal address
Russia, 625048, Tyumen, 50 let Oktyabrya street, 80
tel. +7(3452) 52-19-69 (8000)
e-mail: gnse-1@mail.gazprom-neft.ru
<http://supply.gazprom-neft.ru>

03.03.2017 № TMN-02.01/4390

Water Treatment Units Supply



To Ufimtsev N.G.,
Director of
H2O Water Treatment Systems
LLC

Dear Nikita Georgievich!

In 2016, according to a competitive selection of Mobile Water Treatment units (770000226187) supplier, H2O Water Treatment Systems LLC was approved as a supplier of 3 SKV-BM-RUFOS-1.5 water treatment units to Gazpromneft-Snabzhenie LLC facilities in Messoyabskoe and Novoportovskoe deposits.

At a competitive competitive price, the products had the following advantages (reagentlessness, compactness, portability, easy assembling and maintenance, potential decrease in operating costs and improved quality of imported water) determined a choice of the equipment at contract conclusion.

The company performed a full work cycle at the earliest date:

- development of design and engineering documentation;
- manufacture block-modular units;
- delivery of equipment, spare parts and accessories, as well as consumable materials to appropriate facilities (Yamal-Nenets Autonomous District);
- contract supervision, startup and commissioning works in the deposits;
- on-site training of Gazpromneft-Snabzhenie LLC staff.

H2O Water Treatment Systems LLC used advanced technologies, equipment and materials to develop and to implement the best possible configuration of a water treatment plant which complies with design specifications. Water treatment experience enabled timely solution of existing issues. According to laboratory data, treated water quality complies with SanPin (Sanitary Rules and Regulations) 2.1.4.1074-01 Drinking Water.

With respect to professional behaviour, reliability and stability of H2O Water Treatment Systems LLC, we express our readiness to further cooperation and recommend the company as a reliable partner and manufacturer.

Director /signature/ Arif'ev N.K.

Yulmuhametov A.A. /signature/
8-963-450-28-20

Gazpromneft-Snabzhenie LLC



WWW.H2O-72.RU

✉ h2o-72@yandex.ru

☎ +7(3452) 22-41-18

The background of the entire page is a dynamic image of water. The upper half shows a turbulent splash of water with various shades of blue and white, creating a sense of movement. The lower half is a close-up of a surface covered in numerous small, glistening water droplets. A vertical orange bar is positioned on the left side of the image.

Limited Liability Company "H2O Water Treatment System"

Ul. Permyakova, d. 84, korp. 2/10, Tyumen, 625033, Russia

Tel./fax office: +7(3452) 224118 Tel.mob: +7(922)2617829

E-mail: h2o-72@ya.ru

H₂O