

STATE OF MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY LANSING



June 6, 2002



Dear

SUBJECT: Source Approval for Sanctuary Spring Sources PW-101 and PW-102

(WSSN 20390-54)

The Michigan Department of Environmental Quality (MDEQ), Drinking Water and Radiological Protection Division (DWRPD), in conjunction with District Health Department No. 10 (DHD No. 10) have evaluated the plans and specifications and have inspected the above-named wells for use as bottled water sources.

The spring sources, PW-101 and PW-102, are located at the Sanctuary site in Section 5 of Morton Township. These wells are two of four sources intended for bottling from the site. (Source PW-202 was approved in our April 29, 2002 transmittal. Source PW-201 is not currently in use, and a final source approval request has not been made by the Great Spring Waters of America, Inc., to date.) The wells are classified as a single nontransient noncommunity water system (Type IIa).

To summarize, PW-101 and PW-102 have been inspected, and they meet the construction requirements. The results from water sampling demonstrate that the sources meet the water quality requirements under Michigan's Safe Drinking Water Act, 1976 PA 399, as amended. Therefore, source approval is hereby granted. By copy of this letter, the MDEQ is notifying the Michigan Department of Agriculture (MDA) of this approval status.

Should you require further information of a technical nature, please contact Mr. Richard Overmyer, Chief, Noncommunity Unit, Ground Water Supply Section, DWRPD, at 517-241-1368.

Sincerely, James K. Cleland

Flint C. Watt, P.E., Chief

Drinking Water and Radiological

Protection Division

517-241-1300

cc: Mr. John Boyd, Supervisor, Mecosta Township

Mr. Jack Edwards, Supervisor, Morton Township

Mr. Ron Schumacher, DHD No. 10

Ms. Katherine Fedder, Director, Food and Dairy Division, MDA

Mr. Wm, Elgar Brown, MDEQ

Mr. Richard Overmyer, MDEQ

Mr. David Timm, MDEQ



STATE OF MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY LANSING



April 29, 2002



SUBJECT: Source Approval for Plant Source PW-1 (WSSN: 20392-54), and Sanctuary Spring Source PW-202 (WSSN 20390-54)

The Department of Environmental Quality (DEQ), Drinking Water and Radiological Protection Division (DWRPD), has evaluated plans and specifications and has inspected the above named wells for use as bottled water sources. The plant source is located at 19275 8 Mile Road, Stanwood, in Section 26, Mecosta Township. The spring source, PW-202, is located at the Sanctuary site in Section 5 of Morton Township. Both wells are classified as nontransient noncommunity water supplies (Type IIa). Both sources are approved.

Several items noted during our inspection will require additional follow-up and changes to the bottling plant potable water piping or operation. The items are as follows:

- 1. Domestic Water Treatment Room Install a raw water sample tap on the plant well.
- 2. Domestic Water Treatment Room Remove check valves to maintain system pressure on buried service line to the well.
- Area 220 Single wall heat exchanger(s) for tempering spring water Use food grade boiler treatment/additives for steam generation or install double wall heat exchangers.
- Plant Floor (hose drops) Replace dual check valves with pressure vacuum breakers or remove the shut off valves from the hoses (pistol grips) and install atmospheric vacuum breakers.

These are not deficiencies that preclude approval to use the sources for supplying water to the public. However, alterations are required to be completed before June 1, 2002. Future monitoring and reporting requirements, treatment classification, and requirements for bringing the other permitted Sanctuary sources on-line for bottling will be addressed under separate cover.

To summarize, the subject sources have been inspected, and they meet construction requirements. Results from water sampling demonstrates that the sources meet water quality requirements under Michigan's Safe Drinking Water Act, 1976 PA 399, as amended. Therefore, source approval is hereby granted. By copy of this letter, the DEQ is notifying the Department of Agriculture of this approval status.

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Should you require further information of a technical nature, please contact Mr. Richard Overmyer, Chief, Noncommunity Unit, Ground Water Supply Section, DWRPD, at 517-241-1368, if you have any questions regarding this approval. Thank you.

Sincerely,

Flint C. Watt, P.E., Chief

Drinking Water and Radiological

Protection Division

517-241-1300

cc: Mr. John Boyd, Supervisor, Mecosta Township

Mr. Jack Edwards, Supervisor, Morton Township

Mr. Ron Schumacher, DHD No. 10

Ms. Katherine Fedder, Director, Food and Diary Division, MDA

Mr. Dave Timm, DEQ

Mr. Richard Overmyer, DEQ

DE DRINKING WATER AND RADIOLOGICAL PROTECTION DIVISION

PERMIT FOR WATER SYSTEM CONSTRUCTION

THIS PERMIT IS ISSUED UNDER PROVISIONS OF SEC. 4 OF ACT 399, P.A. 1976, AS AMENDED, FOR CONSTRUCTION, OR ALTERATION, OF A WATERWORKS SYSTEM OR PORTIONS THEREOF DESCRIBED HEREON. IT DOES NOT OBVIATE THE NEED TO SATISFY VARIOUS REQUIREMENTS OF OTHER AGENCIES.

Great Spring Waters of America, Inc. FIELD OPERATIONS SECTION **ENVIRONMENTAL HEALTH SECTION** 19275 8-Mile Road 525 W. Allegan, P.O. Box 30630 525 W. Allegan, P.O. Box 30630 Stanwood, Michigan 49346 LANSING MI 48909-8130 LANSING MI 48909-8130 WSSN NO. DATE ISSUED PERMIT NUMBER March 29, 2002 Great Spring Waters of America, Inc. W026080 **Great Sping Waters** SUBJECT: of America, Inc. Ice Mountain Bottling Project Wells 201 & 202 Flint C. Watt, P.E., Chief

March 29, 2002

Drinking Water and Radiological Protection Division

Constitution Hall, 525 West Allegan Lansing, Michigan 48909-8130

This permit is for the installation of the following facilities, located in Mecosta County, in accordance with plans prepared and submitted to the Department of Environmental Quality (DEQ) by Fishbeck, Thompson, Carr & Huber, Inc., and STS Consultants, Ltd.

Potable Well 201

Potable Well 201: Conversion of well to production status with pumping equipment and flow controls limiting production to 100 gallons per minute. Approval for use as a public water system is subject to bacteriologic sample results demonstrating compliance with drinking water standards.

Potable Well 202

Potable Well 202: Conversion of well to production status with pumping equipment and flow controls limiting production to 100 gallons per minute. Approval for use as a public water system is subject to bacteriologic sample results demonstrating compliance with drinking water standards.

cc: Mr. James W. Brode, Jr., C.P.G., Fishbeck, Thompson, Carr & Huber, Inc.

Mr. Brent Clay, P.E., STS Consultants, LTD

Mr. John Boyd, Supervisor, Mecosta Township

Mr. Jack Edwards, Supervisor, Morton Township

Mr. Ron Schumacher, R.S., District Health Department No. 10, Mecosta

Mr. Wm. Elgar Brown, P.E., DEQ

Mr. David Timm, P.E., DEQ

This permit consists of	11	page(s).
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This permit is valid for 2 years from date of issuance. If construction is not commenced within 2 years, a permit extension may be applied for in writing by identifying the project and the number on the permit for which the extension is requested.

It is a condition of this permit that the permittee give notice to public utilities pursuant to Act No. 53 of the Public Acts of 1974, as amended (MCLA 460.701 et seq.), and comply with the requirements of that Act.

Issuance of this permit is in compliance with the provisions of Executive Order 1974-4 and issued pursuant thereto.