

LEGGETTE, BRASHEARS & GRAHAM, INC.
4 Research Drive, Suite 301
Shelton, CT 06484

LETTER OF TRANSMITTAL

(203) 929-8555 Fax (203) 926-9140

| | |
|-------------------------------------|-----------------------|
| Date: March 18, 2015 | Job No.: _____ |
| Attention: Division of Water | |
| RE: Village of Kiryas Joel | |
| Water Withdrawal Reporting Form | |

TO: New York State Department
of Environmental Conservation
Division of Water
Bureau of Water Resources Management
625 Broadway
Albany, NY 12233-3508

- WE ARE SENDING YOU Attached Under separate cover via _____ the following items.
- Shop drawings Prints Plans Samples Specifications
- Copy of letter Change order _____

| Copies | Date | No. | Description |
|--------|-----------|-----|---|
| 1 | 3/18/2015 | | Village of Kiryas Joel – 2014 Water Withdrawal Reporting Form |
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| | | | |
| | | | |

THESE ARE TRANSMITTED as checked below:

- For approval Approved as submitted Resubmit _____ copies for approval
- For your use Approved as noted Submit _____ copies for distribution
- As requested Return for corrections Return _____ corrected prints
- For review and comment _____
- FOR BIDS DUE _____ 200__ PRINTS RETURNED AFTER LOAN TO US

REMARKS

COPY TO: Jacob Gluck

SIGNED: Stacy Stieber



New York State Department of Environmental Conservation
 Division of Water, Bureau of Water Resources Management
 625 Broadway, Albany, NY 12233-3508

Water Withdrawal Reporting Form

Due by March 31st each year

Prior to filling out this form, please read the instructions on the last page

This form not for Agricultural Facilities

| | | | | | |
|---|-----------------------|--|---------------------|---|----------------------------|
| Facility Name Village of Kiryas Joel | | Facility Street Address 51 Forest Road, P. O. Box 566 | | | Reporting Year 2014 |
| City Kiryas Joel | | Zip 10949 | Town Monroe | County Orange | |
| Contact Name Jacob Gluck | | Email jgkjwater@frontiernet.net | | Telephone: (845) 783-8300 | |
| Source Name Well 1 | Source Type BW | Well Depth 545 | Max Rate 76 | Units | |
| Source Name Well 5 | Source Type BW | Well Depth 370 | Max Rate 39 | Units | |
| Source Name Well 6 | Source Type BW | Well Depth 470 | Max Rate 250 | Units | |
| Source Name Well 8a | Source Type BW | Well Depth 405 | Max Rate 160 | Units | |
| Source Name Well 9b | Source Type BW | Well Depth 540 | Max Rate 109 | Units | |
| Source Name Well 13A | Source Type BW | Well Depth 510 | Max Rate 106 | Units | |
| Source Name Well 13B | Source Type BW | Well Depth 490 | Max Rate 96 | Units | |
| Average Day Withdrawal: 1.605 mgd | | Maximum Day Withdrawal: 2.216 mgd | | Permitted Withdrawal or Max System Capacity 1.93 | |
| Submitted by: Jacob Gluck | | Title: Water Superintendent | | Date: March 18, 2015 | |

Water Withdrawal Category (Check one)

Agricultural

Bottled / Bulk

Water Commercial

Environmental

Industrial

Institutional

Mine Dewatering

Oil / Gas Production

Power Production:

Fossil Fuel

Nuclear

Other Pwr:

Public Water Supply

Recreation:

Golf Course

Snow Making

Other Rec:

Other:

**WATER WITHDRAWAL REPORTING FORM
VILLAGE OF KIRYAS JOEL
REPORTING YEAR 2014**

Section 1 (continued)

| Source Name | Source Type | Well Depth | Max Rate | Units |
|--------------------|--------------------|-------------------|-----------------|--------------|
| Well 14A | BW | 515 | 50 | gpm |
| Well 17 | BW | 420 | 200 | gpm |
| Well 21B | BW | 618 | 25 | gpm |
| Well 22 | BW | 350 | 140 | gpm |
| Well 23 | BW | 220 | 30 | gpm |
| Well 24 | BW | 725 | 50 | gpm |
| Well 25 | BW | 745 | 30 | gpm |
| Well 26 | BW | 310 | 150 | gpm |
| Well 27 | BW | 348 | 125 | gpm |
| Well 28 | UW | 45 | 450 | gpm |

H/KJOEL/2015/Section 1 additional wells

Section 2

Calculation Method: **M** M = Metered readings W = Flow through a weir or flume P = Flow through a pipe or pump run times E = Estimated

| Units: <i>Must be in gallons per month</i> | January | February | March | April | May | June |
|--|---|-----------------|------------------|----------------|-----------------|-----------------|
| Withdrawn | 46,522,000 | 42,523,000 | 47,946,700 | 47,554,400 | 48,182,700 | 49,830,800 |
| Transferred / Imported | NA | NA | NA | NA | NA | NA |
| Consumed | 48,882,000* | 41,708,100* | 46,257,800* | 41,911,500* | 42,037,700* | 43,068,700* |
| Returned | Orange County Department of Environmental Facilities and Services was unable to provide data for Village of Kiryas Joel sewer discharge quantities. | | | | | |
| Diversions In / Out, if any | NA | NA | NA | NA | NA | NA |
| | | | | | | |
| Units: <i>Must be in gallons per month</i> | July | August | September | October | November | December |
| Withdrawn | 53,478,800 | 52,138,100 | 51,233,600 | 47,477,500 | 48,678,600 | 50,276,900 |
| Transferred / Imported | 84,000 | NA | NA | NA | NA | NA |
| Consumed | 48,662,200* | 43,107,000* | 39,913,500* | 54,646,000* | 52,984,800* | 51,791,000* |
| Returned | No data available (see note above) | | | | | |
| Diversions In / Out, if any | NA | NA | NA | NA | NA | NA |

* Monthly consumption totals calculated based on periodic meter readings conducted in 2014.

| | |
|-------------------------------------|---|
| Describe location of returned water | Returned water is discharged through the Village of Kiryas Joel Wastewater Treatment Plant and the Harriman Wastewater Treatment Plant. |
|-------------------------------------|---|

Section 3

GeneralMap Required - Map previously submitted

Please submit a map showing location of all withdrawals and any points of return flow. Label all points. **A map is not necessary if one was submitted in a previous year and no changes have occurred.** Precise locations will remain confidential.

A paper copy of a USGS map or other high quality map or an electronically generated map can be faxed, mailed, or emailed. For electronic maps a suggested website is described below:

- (1) Go to the [USGSNationalMapsite](http://www.usgs.gov). Type the address of the facility into the search box.
- (2) Zoom in and use any of the map-type choices to best confirm your location.
- (3) Designate water withdrawal locations by clicking on the map to add a marker(s).
- (4) For surface water withdrawals, use the "Topo" tab.
- (5) Add a marker to designate the location of any related dams, weirs, or diversion structures.
- (6) Print. Manually label the name of each marked source.

Submit your map to DEC in one of the following ways:

- Print and mail or fax to 518 402-8290.
- Print, scan and email to awqrsdec@gw.dec.state.ny.us
- Copy electronically and email to awqrsdec@gw.dec.state.ny.us

InterbasinDiversions - Not Applicable

Fill out this section only if water is being transferred between major drainage basins. To determine basin ID, go to the [DECMajorDrainage Basins map \(http://www.dec.ny.gov/lands/56800.html\)](http://www.dec.ny.gov/lands/56800.html). Then enter the basin ID by using the drop down menus under Originating and Receiving Major Drainage Basin headings below. Describe the locations of originating and receiving sites in the site description boxes (e.g. Town water intake on Route 12 at northern end of Pleasant Lake to Stony Reservoir near Bear Road).

| Originating Major Drainage Basin | Receiving Major Drainage Basin |
|----------------------------------|--------------------------------|
| Originating Site Description | Receiving Site Description |

Section 4

Water Conservation and Efficiencies

All permitted water withdrawal systems must have a [Water Conservation Program](#).

Section A: Public Water Supply Facilities

Are all sources of supply including major interconnections equipped with master meters? Yes No
What percentage of your system is metered? **99 %** Average age of meters: **7 years** Range of age of meters: **All consumption meters replaced 2008-2010; production meters replaced as needed.**
How often were customer meters read this past year (e.g. quarterly, yearly)? **4-6 weeks**
Number of water service connections: **4,788** Total population served: **27,088**
How many customer meters were recalibrated and/or replaced in the past year? **New construction received new meters; broken meters replaced as needed.**
Miles of pipe in water distribution system: **15** Length of pipe replaced in the past year: **<100 feet**
Miles of pipe on which leak detection was performed using sonic listening equipment: **Whole system was checked.**
Type of equipment used: **Acoustic listening & correlation**
How many system-wide water audits were performed in the past year? **1-2/year** Residential charge per 1000 gallons of water: **\$2.75**
What percentage of the water withdrawn was not billed to customers? **5.3 %.** Lost to distribution system leakage? **1-2%**
Was information about household water saving devices and ways to reduce water use distributed to residential customers? Yes No
Was water conservation information about promoting recycling and reuse distributed to industrial and commercial customers? Yes No
Do you have lawn sprinkling time restrictions (e.g. odd/even days) during periods of peak demand? Yes No
Do you have a plan that takes progressive steps to further reduce outdoor water use during drought conditions with an ordinance or procedure to assure compliance? Yes No If yes, please forward a copy to address shown on page one. **Attached**
Please review your permit(s) for any specific water conservation conditions and report below on progress made in past year:

Section B: Non-Public Water Supply Facilities (seepermitting schedule in NYCRR Part 601.7) **Not applicable**

Are all sources of supply including major interconnections equipped with master meters? Yes No
How often were master meters read in the past year?
How often were master meters calibrated in the past year?
Are there secondary meters located within the facility or system? Yes No

Identify other water conservation and efficiency measures currently used in your system (e.g. Best Management Practices such as recycling process and cooling waters, use of drip irrigation and moisture probes, utilizing storm water runoff and reclaimed wastewater or conducting facility water audits):

Section 5

Instructions/Definitions

| | |
|----------------------------|---|
| Agricultural Purpose | The practice of farming for crops, plants, vines and trees, and the keeping, grazing or feeding of livestock, for sale of livestock or livestock products. Agricultural facilities must use the form titled "Registration and Water Withdrawal Reporting Form for Agricultural Facilities". |
| Public Water Supply | Supply water to the public. Examples include: municipality, hotel, apartment, restaurant, church, campground, etc. |
| Source Name | Name of well or surface water body (e.g., Well No. 1, Alcove Reservoir, etc.). List all sources including unused or back-up wells. |
| Source Type | S = Stream or River. L = Pond or Lake. R = Reservoir. BW = Bedrock Well. UW = Unconsolidated Well (e.g., sand and gravel). SP = Spring. P = Purchased. Use drop down menu. |
| Well Depth | Total depth in feet below ground surface. Leave blank for surface sources. |
| Max Rate | Maximum potential withdrawal rate of the water source. Will be equal to or greater than Permitted Rate. |
| Units (Max Rate) | Gallons per minute (gpm), gallons per day (gpd), or million gallons per day (mgd). Use drop down menu. |
| Average Day Withdrawal | Total amount withdrawn during reporting year divided by total days withdrawn. |
| Maximum Day Withdrawal | Largest single day withdrawal rate of the source during the reporting year. |
| | If unknown, contact NYSDEC at awqrsdec@gw.dec.state.ny.us or 518-402-8182. |
| Calculation Method | M = metered readings. W = flow through a weir or flume. P = flow through a pump or pump run time. E = estimated. |
| Withdrawn | Amount of water removed from all sources. |
| Transferred/Imported | Amount of water brought in from or sent to another facility, includes bulk sales. For transferred water use a negative (-) sign. |
| Consumed | Amount of water not returned (e.g. water incorporated into a product or lost through evaporation). Public water suppliers must use metered sales to customers. Irrigation is considered "consumed water". |
| Returned | Amount of water discharged to a water treatment system or discharged back to the environment. Irrigation is not returned water. |
| Diversions In/Out | Amount of water, if any, diverted from/to another major drainage basin. For Diversions Out, use a negative (-) sign. |
| Location of Returned Water | State the general area where returned water is discharged. Example: "Hudson River near Poughkeepsie", "Groundwater near Auburn". |
| Major Drainage Basins | Report only "Major Basin" transfers. Use the internet link available on the form and enter Basin ID into the box indicated (use drop down menu). Describe the location of originating withdrawal and receiving discharge. Be as specific as possible. |
| Water Audit | A water audit is a thorough examination of the accuracy of water records and system control equipment to determine water system efficiency and to identify, quantify, and verify water and revenue losses. Water audits are beneficial in identifying the amount of unaccounted-for water. |



Mayor
Abraham Wislizer

VILLAGE OF KIRYAS JOEL

Municipal Building
51 Forest Road, P.O. Box 566, Monroe, NY 10950
Tel: (914) 783-8300 • Fax: (914) 783-9491

Trustees
Jacob Milstein
Solomon Wertzberger
Yudel Kahani
Mendel Schwilfner

Village Clerk
Gedalya Steigman

EMERGENCY!

מיר טוען אויפפאדערן אלע הושבים פון שטעטל

צו אנערקענען די ערנסטע וואסער עמוירדזשענסן

אין וואס מיר געפינען זיך איצט

די וואסער טאנקען זענען כמעט ליידיג!

**מען זאל שפארן וואסער
ווי ווייט מעגליך**

עס איז בשום אופן נישט ערלויבט צו נוצן
קײן שום וואסער פאר **OUTDOOR** צוועקן

צײַט וואסערן די גראס, מאכן א פול

פאר די קינדער אד״ג.

מיר ערווארטן אייער קאאפעראציע

דער ווילידזש

ווילידזש לעדערהעט

עמוירדזשענסי וואסער אויפפאדערונג!

צוליב די טרוקעניש אין די לעצטע חדשים
איז די וואסער געפאלן אויף גאר א נידריגע דאטע,
אזש מיר האבן שוין געמוזט ברענגען וואסער מיט טראקס

דעריבער בעטן מיר גאר שטארק יעדן איינציגן
איינוואוינער, צו שפארן וואסער ווי ווייט מעגליך!

ווי צ.ב.ש.

- ♦ אנזאגן פאר די קינדער נישט צו פלאשן די טוילעט צו אפט
 - ♦ פאררעכטן וואו עס רינט וואסער אין די סונקס, טוילעט און אין די וואנע
 - ♦ נוצט די דישוואסער און וואשמאשין גאר מיט 'פולע' לאודס
 - ♦ לאזט נישט די וואסער רינען אויף א לענגערע צייט, ווען מען וואשט גרינצייג און געשיר
 - ♦ לאזט נישט רינען די וואסער ווען מען בארשט די ציין
 - ♦ ווארפט נישט אריין אין טוילעט קיין שמוץ און גארבידזש
 - ♦ אויב איר באמערקט א וואסער "ליק" אויפ'ן גאס נעטע לאזט וויסן די ווילידזש וואסער
- דעפארטמענט אויף 783-8300

ביטע איבערגעבן אין שטוב און אכטונג געבן אויף די קינדער, אז זיי זאלן זיך
נישט באנוצן מיט וואסער פאר אומזיסטע צוועקן!!!

ספעציעל די איצטונגע ערב פסח טעג:

ווען מצוצט פיל וואסער אין די רייניגונג ארבייט, זאל מען זען צו שפארן
וויפיל וואסער גאר מעגליך, וואשן ווייניגער לאודס מיט מער וועש, פראבירן
נישט צו טוישן די וואסער אין די וואנעס צווישן איין קינד און אנדערן וכדומה!

דער טרוקעניש איז א ערנסטער מצב, און ס'איז יעדנס פליכט צו היטן אויפן וואסער!

מיט דאנק
דער ווילידזש