

Water Quality Data for Roeliff Jansen Kill

These are community-collected water quality data, collected in partnership with Riverkeeper. Riverkeeper tests for the sewage-indicating microbe *Enterococcus* ("Entero"). Entero is commonly found in the feces of humans and other warm-blooded animals. The presence of Entero in water is an indication of fecal pollution and the possible presence of pathogens found in intestines.

For more information about this program, visit <http://www.riverkeeper.org/water-quality/>. For questions, please contact Jennifer Epstein, jepstein@riverkeeper.org.

These data are collected by local residents of the Roe Jan watershed. To get involved, contact Kaare Christian, Founder of the Roe Jan Watershed Association, kaare@nysite.com.

These samples were processed by the Bard Water Lab. For information about the lab, contact Professor Eli Dueker, edueker@bard.edu.

NOTE: The data below indicate only the *Enterococcus* cell count per 100 mL at the locations sampled, at the times and dates sampled. It's important not to draw conclusions that are not supported by the data. Many samples, over a wide range of conditions, are needed before reliable patterns and relationships can be identified. Riverkeeper asks that external messaging (i.e., press statements, communications with agencies such as DEC and DOH, etc.) be reviewed with Riverkeeper in advance to ensure accurate analysis and conclusions.

Water Quality Standards

Riverkeeper's assessment of acceptable water quality is based on the US EPA 2012 Recreational Water Criteria for primary contact (activities where you are likely to ingest water).

For individual samples above the **Beach Action Value of 60 Entero/100 mL**, EPA recommends public notification and possible temporary beach closure.

EPA recommends other measures to avoid exposure to chronic contamination. For more information, visit the Riverkeeper website.

Site ID	Site Name	Sample Date	Enterococcus Count	Quality	4-day Precip (in)
RJ-HR-106.5	Cheviot Park floating docks	5/21/2016	4	Acceptable	0.00
RJ-HR-107	Germantown- Hudson River near WWTP	5/21/2016	122	Beach Advisory	0.00
RJ-HR-108.5	Germantown- Lasher Memorial Park floating docks	5/21/2016	5	Acceptable	0.00
RJ-0.00	Germantown- RoeJan Boat Club	5/21/2016	1	Acceptable	0.00
RJ-2.00	Clermont- Sportsman's Club	5/21/2016	3	Acceptable	0.00
RJ-5.76	Livingston- Below Bingham Mills Dam	5/21/2016	3	Acceptable	0.00
RJ-5.78	Livingston- Above Bingham Mills Dam	5/21/2016	5	Acceptable	0.00
RJ-17.94	Milan- Academy Hill Road Bridge fishing access	5/21/2016	20	Acceptable	0.00
RJ-25.22	Ancram- Hall Hill Road Bridge	5/21/2016	25	Acceptable	0.00
RJ-31.26	Ancram- Wiltsie Road Bridge fishing access	5/21/2016	11	Acceptable	0.00

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Site ID	Site Name	Sample Date	Enterococci Count	Quality	4-day Precip (in)
RJ-37.58	Copake- Robinson Pond outlet	5/21/2016	2	Acceptable	0.00
RJ-NK-0.30	Copake- Noster Kill tributary at Route 7A	5/21/2016	105	Beach Advisory	0.00
RJ-40.78	Copake- Roeliff Jansen Park stream access	5/21/2016	21	Acceptable	0.00
RJ-43.30	Hillsdale- Collins Street Extension	5/21/2016	11	Acceptable	0.00