



Water-Data Report 2012

**01362182 ROELIFF JANSEN KILL NEAR LINLITHGO, NY**

Upper Hudson Basin  
Middle Hudson Subbasin

LOCATION.--Lat 42°09'08", long 73°50'38" referenced to North American Datum of 1983, Columbia County, NY, Hydrologic Unit 02020006, 330 ft upstream of Dales Bridge Road bridge, 1.3 mi south of Linlithgo.

DRAINAGE AREA.--212 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Miscellaneous discharge measurements, water years 1955, 1991-92, 2008, 2011, annual maximum only--2008-10. March 2011 to current year.

GAGE.--Water stage recorder. Datum of gage is 80 ft above NGVD 1929, from topographic map.

REMARKS.--Records good except those for estimated daily discharges, which are fair. Telephone gage-height telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 8,180 ft<sup>3</sup>/s, Aug. 28, 2011, gage height, 10.82 ft; minimum, 29 ft<sup>3</sup>/s, Aug, 27, 28, Sept. 4, 2012, gage height, 3.02 ft.

EXTREMES 2011 YEAR.--(March to September) Peak discharges greater than base discharge of 1,300 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Mar 7	0930	6,210	9.79
Mar 11	1600	6,490	9.95
Apr 17	0945	1,610	6.31
May 20	2100	1,410	6.07
Aug 28	2130	*8,180	*10.82
Sep 8	1800	6,030	9.69
Sep 29	2330	1,910	6.64

Minimum discharge, 70 ft<sup>3</sup>/s, Aug. 14, gage height, 3.32 ft.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 1,300 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Nov 23	1430	1,400	6.06
Dec 8	0745	*2,360	*7.08

Minimum discharge, 29 ft<sup>3</sup>/s, Aug. 27, 28, Sept. 4, gage height, 3.02 ft.

**MAXIMUM PEAK DISCHARGE  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Mar 9, 2008	6,010	---	9.68	---

**01362182 ROELIFF JANSEN KILL NEAR LINLITHGO, NY—Continued****MAXIMUM PEAK DISCHARGE  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

<b>Date</b>	<b>Discharge, in ft<sup>3</sup>/s</b>	<b>Discharge qualification code</b>	<b>Gage height, in ft</b>	<b>Gage height qualification code</b>
Dec 12, 2008	5,010	---	9.08	---

**MAXIMUM PEAK DISCHARGE  
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

<b>Date</b>	<b>Discharge, in ft<sup>3</sup>/s</b>	<b>Discharge qualification code</b>	<b>Gage height, in ft</b>	<b>Gage height qualification code</b>
Mar 30, 2010	2,780	---	7.46	---

## 01362182 ROELIFF JANSEN KILL NEAR LINLITHGO, NY—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY MEAN VALUES**

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	1,000	438	731	348	270	106	1,090
2	---	---	---	---	---	875	455	661	323	241	101	814
3	---	---	---	---	---	e740	420	624	295	232	92	643
4	---	---	---	---	---	e690	393	709	269	254	85	541
5	---	---	---	---	---	657	474	760	250	229	80	625
6	---	---	---	---	---	1,750	594	598	239	205	78	1,960
7	---	---	---	---	---	5,400	527	558	224	184	86	4,100
8	---	---	---	---	---	e4,660	477	523	213	171	92	5,140
9	---	---	---	---	---	e2,990	445	487	255	222	91	4,670
10	---	---	---	---	---	2,260	419	458	310	198	99	2,980
11	---	---	---	---	---	4,990	409	423	315	169	87	1,950
12	---	---	---	---	---	4,680	431	395	298	155	80	1,460
13	---	---	---	---	---	3,270	515	368	355	142	74	1,160
14	---	---	---	---	---	2,270	532	353	322	133	71	932
15	---	---	---	---	---	1,780	457	356	320	125	86	815
16	---	---	---	---	---	1,610	442	423	280	117	197	742
17	---	---	---	---	---	1,500	1,320	469	277	112	214	636
18	---	---	---	---	---	1,360	1,250	491	401	107	159	559
19	---	---	---	---	---	1,210	1,090	637	364	107	136	499
20	---	---	---	---	---	1,070	1,040	1,120	304	107	122	455
21	---	---	---	---	---	983	883	1,240	262	104	123	433
22	---	---	---	---	---	934	749	1,220	247	98	183	477
23	---	---	---	---	---	847	758	1,060	284	91	181	493
24	---	---	---	---	---	779	768	855	399	87	156	558
25	---	---	---	---	---	715	708	714	440	89	143	496
26	---	---	---	---	---	e680	711	605	374	115	199	429
27	---	---	---	---	---	e620	832	540	322	141	269	382
28	---	---	---	---	---	525	885	484	284	140	3,620	367
29	---	---	---	---	---	472	978	433	350	125	4,980	826
30	---	---	---	---	---	439	835	423	322	112	3,310	1,450
31	---	---	---	---	---	425	---	405	---	115	1,720	---
<b>Total</b>	---	---	---	---	---	52,181	20,235	19,123	9,246	4,697	17,020	37,682
<b>Mean</b>	---	---	---	---	---	1,683	674	617	308	152	549	1,256
<b>Max</b>	---	---	---	---	---	5,400	1,320	1,240	440	270	4,980	5,140
<b>Min</b>	---	---	---	---	---	425	393	353	213	87	71	367
<b>Cfsm</b>	---	---	---	---	---	7.94	3.18	2.91	1.45	0.71	2.59	5.92
<b>In.</b>	---	---	---	---	---	9.16	3.55	3.36	1.62	0.82	2.99	6.61

01362182 ROELIFF JANSEN KILL NEAR LINLITHGO, NY—Continued



CURRENT WATER YEAR DAILY MEAN DISCHARGE.

## 01362182 ROELIFF JANSEN KILL NEAR LINLITHGO, NY—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**  
**DAILY MEAN VALUES**  
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	1,260	499	519	613	473	257	189	186	298	76	78	44
2	1,080	538	466	598	453	280	205	195	290	69	66	39
3	933	559	e430	546	419	334	194	188	327	64	56	34
4	810	571	421	453	395	372	175	198	306	62	48	30
5	738	553	402	421	376	330	162	197	323	59	43	46
6	650	506	399	418	351	291	155	179	275	56	46	40
7	582	480	529	417	337	278	150	166	242	55	44	44
8	495	457	1,880	407	323	279	144	163	227	53	40	58
9	452	440	1,560	383	309	330	138	179	219	49	37	85
10	436	420	1,360	365	294	347	137	220	201	45	47	78
11	424	403	1,110	351	287	317	135	241	180	42	76	66
12	394	382	929	422	268	299	131	204	167	40	71	54
13	381	357	810	521	246	303	126	181	248	37	53	46
14	550	336	734	459	243	295	121	170	264	50	47	42
15	636	328	704	371	244	281	118	282	211	50	63	39
16	493	329	689	318	246	243	114	365	179	48	115	36
17	433	367	635	348	262	253	112	312	158	43	84	34
18	390	347	573	340	260	251	104	263	145	38	73	64
19	e400	320	512	311	244	240	101	234	136	35	63	226
20	463	301	500	296	231	230	105	213	129	38	56	244
21	397	287	488	288	216	222	103	203	120	45	51	162
22	349	277	541	293	212	222	122	281	115	43	46	137
23	329	e720	707	287	212	221	427	300	113	40	43	180
24	306	999	713	392	221	208	454	265	104	43	39	168
25	e290	805	600	399	272	196	344	234	101	45	36	131
26	272	685	564	353	256	188	290	218	102	45	40	111
27	293	600	567	630	227	178	260	196	103	43	33	98
28	410	542	939	760	230	178	232	176	94	49	42	119
29	403	504	816	637	229	188	209	170	86	112	57	208
30	e450	538	691	552	---	181	189	379	81	92	57	202
31	491	---	647	496	---	182	---	365	---	86	48	---
<b>Total</b>	15,990	14,450	22,435	13,445	8,336	7,974	5,446	7,123	5,544	1,652	1,698	2,865
<b>Mean</b>	516	482	724	434	287	257	182	230	185	53.3	54.8	95.5
<b>Max</b>	1,260	999	1,880	760	473	372	454	379	327	112	115	244
<b>Min</b>	272	277	399	287	212	178	101	163	81	35	33	30
<b>Cfsm</b>	2.43	2.27	3.41	2.05	1.36	1.21	0.86	1.08	0.87	0.25	0.26	0.45
<b>In.</b>	2.81	2.54	3.94	2.36	1.46	1.40	0.96	1.25	0.97	0.29	0.30	0.50

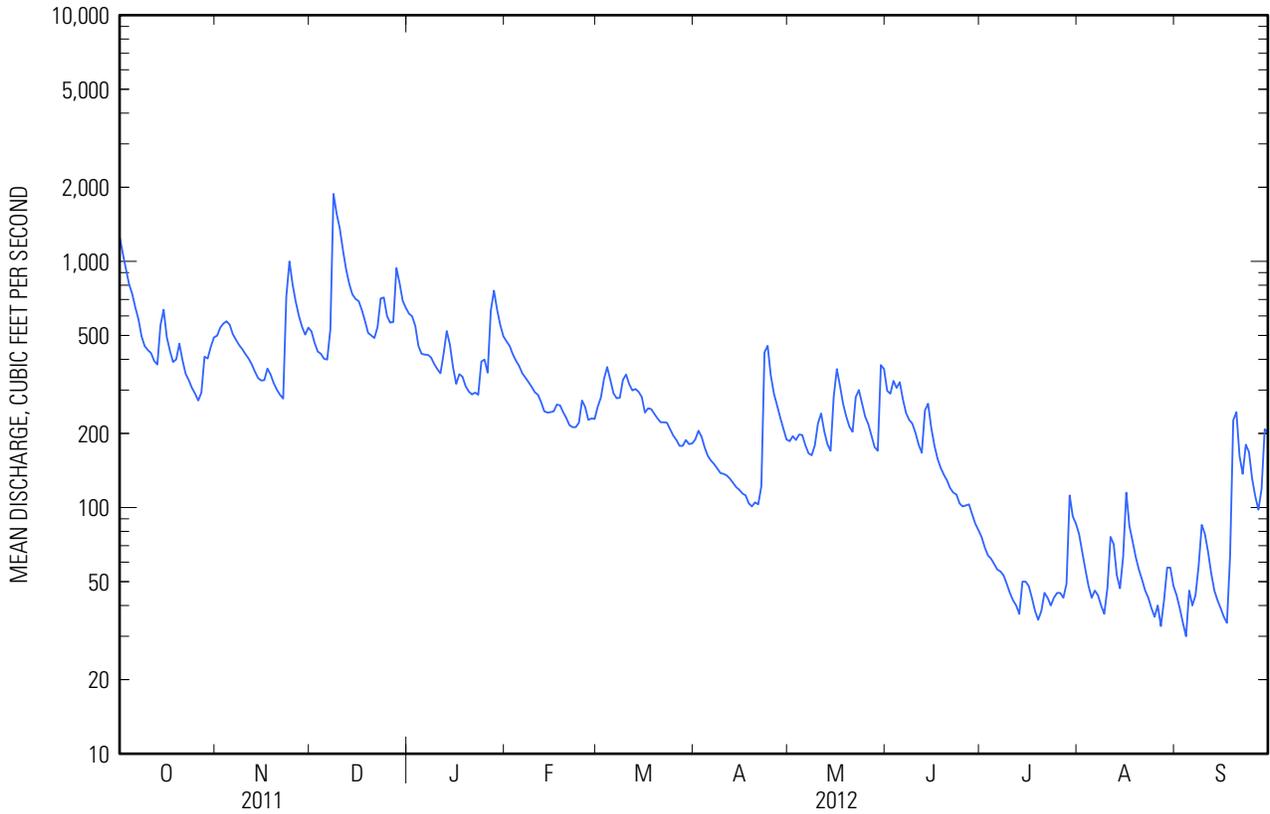
**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2008 - 2012, BY WATER YEAR (WY)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Mean</b>	293	348	779	462	633	973	464	355	323	253	281	344
<b>Max</b>	516	482	1,184	526	1,432	1,683	674	617	690	747	549	1,256
<b>(WY)</b>	(2012)	(2012)	(2009)	(2008)	(2008)	(2011)	(2011)	(2011)	(2009)	(2009)	(2011)	(2011)
<b>Min</b>	156	229	428	434	287	257	182	198	110	53.3	38.5	22.5
<b>(WY)</b>	(2010)	(2010)	(2010)	(2012)	(2012)	(2012)	(2012)	(2010)	(2010)	(2012)	(2010)	(2010)

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**SUMMARY STATISTICS**

	Water Year 2012		Water Years 2008 - 2012	
<b>Annual total</b>	106,958			
<b>Annual mean</b>	292		371	
<b>Highest annual mean</b>			502	2009
<b>Lowest annual mean</b>			292	2012
<b>Highest daily mean</b>	1,880	Dec 8	5,400	Mar 7, 2011
<b>Lowest daily mean</b>	30	Sep 4	17	Sep 26, 2010
<b>Annual seven-day minimum</b>	40	Sep 1	19	Sep 21, 2010
<b>Annual runoff (cfsm)</b>	1.38		1.75	
<b>Annual runoff (inches)</b>	18.77		23.78	
<b>10 percent exceeds</b>	572		762	
<b>50 percent exceeds</b>	244		282	
<b>90 percent exceeds</b>	46		50	



**01362182 ROELIFF JANSEN KILL NEAR LINLITHGO, NY—Continued****WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 2011 to current year.

SEDIMENT DATA: 2011-12 (e).

PERIOD OF DAILY RECORD.--

SUSPENDED-SEDIMENT DISCHARGE: March 2011 to current year.

REMARKS.--Point samples are collected using an automatic sampler with teflon-lined sample tubing. Tubing is housed in a 2 in diameter galvanized steel pipe extending 5 ft from the old bridge abutment on the right bank. A sampling method code of "SS Pumping" indicates suspended sediment sampling using a pumping mechanism. Turbidity data are collected every 15 minutes using an in situ turbidity probe located 6 ft upstream of the automatic sampler intake tubing. Daily suspended-sediment load and concentration are derived from a regression equation relating turbidity to suspended-sediment concentration.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SUSPENDED-SEDIMENT CONCENTRATION: Maximum daily mean, 452 mg/L, Mar. 7, 2011; minimum daily mean, 1 mg/L, Aug. 5-8, 12-14, 2011.

SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 6,670 tons, Mar. 7, 2011; minimum daily, 0.15 tons, Sept. 17, 2012.

EXTREMES FOR 2011 YEAR.--(March to September)

SUSPENDED-SEDIMENT CONCENTRATION: Maximum daily mean, 452 mg/L, Mar. 7; minimum daily mean, 1 mg/L, Aug. 5-8, 12-14.

SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 6,670 tons, Mar. 7; minimum daily, 0.19 tons, Aug. 5.

EXTREMES FOR CURRENT YEAR.--

SUSPENDED-SEDIMENT CONCENTRATION: Maximum daily mean, 150 mg/L, Dec. 8; minimum daily mean, 2 mg/L on several days.

SUSPENDED-SEDIMENT DISCHARGE: Maximum daily, 775 tons, Dec. 8; minimum daily, 0.15 tons, Sept. 17.

**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2011 TO SEPTEMBER**  
**2012**

[mg/L, milligrams per liter]

Date	Sample start time	Sampling method (82398)	Suspended sediment concentration, mg/L (80154)
04-22-2012	1420	SS Pumping	6
04-22-2012	2045	SS Pumping	6
04-22-2012	2355	SS Pumping	20
04-23-2012	0315	SS Pumping	60
04-23-2012	0630	SS Pumping	55
04-23-2012	0945	SS Pumping	68
04-23-2012	1300	SS Pumping	102
04-23-2012	1615	SS Pumping	77
04-23-2012	2245	SS Pumping	59
04-24-2012	0200	SS Pumping	53
04-24-2012	0830	SS Pumping	31
04-24-2012	1815	SS Pumping	18
04-25-2012	2355	SS Pumping	10
08-11-2012	1930	SS Pumping	45
08-12-2012	0515	SS Pumping	10
09-18-2012	1815	SS Pumping	21
09-18-2012	2130	SS Pumping	49
09-19-2012	0400	SS Pumping	50
09-19-2012	2015	SS Pumping	104
09-20-2012	0600	SS Pumping	39
09-20-2012	1230	SS Pumping	15

## 01362182 ROELIFF JANSEN KILL NEAR LINLITHGO, NY—Continued

**SUSPENDED SEDIMENT CONCENTRATION, WATER, UNFILTERED, ESTIMATED BY REGRESSION EQUATION, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[e, estimated]

Day	Mean	Sediment										
	concentration (mg/L)	discharge (tons/day)										
	October		November		December		January		February		March	
1	---	---	---	---	---	---	---	---	---	---	68	183
2	---	---	---	---	---	---	---	---	---	---	39	93
3	---	---	---	---	---	---	---	---	---	---	29	e61
4	---	---	---	---	---	---	---	---	---	---	31	e57
5	---	---	---	---	---	---	---	---	---	---	34	61
6	---	---	---	---	---	---	---	---	---	---	208	1,230
7	---	---	---	---	---	---	---	---	---	---	452	6,670
8	---	---	---	---	---	---	---	---	---	---	172	e2,320
9	---	---	---	---	---	---	---	---	---	---	121	e975
10	---	---	---	---	---	---	---	---	---	---	98	601
11	---	---	---	---	---	---	---	---	---	---	214	2,910
12	---	---	---	---	---	---	---	---	---	---	125	1,590
13	---	---	---	---	---	---	---	---	---	---	89	794
14	---	---	---	---	---	---	---	---	---	---	71	436
15	---	---	---	---	---	---	---	---	---	---	59	283
16	---	---	---	---	---	---	---	---	---	---	50	215
17	---	---	---	---	---	---	---	---	---	---	44	178
18	---	---	---	---	---	---	---	---	---	---	40	145
19	---	---	---	---	---	---	---	---	---	---	36	118
20	---	---	---	---	---	---	---	---	---	---	33	94
21	---	---	---	---	---	---	---	---	---	---	30	78
22	---	---	---	---	---	---	---	---	---	---	25	63
23	---	---	---	---	---	---	---	---	---	---	23	54
24	---	---	---	---	---	---	---	---	---	---	22	45
25	---	---	---	---	---	---	---	---	---	---	21	40
26	---	---	---	---	---	---	---	---	---	---	19	e33
27	---	---	---	---	---	---	---	---	---	---	17	e26
28	---	---	---	---	---	---	---	---	---	---	15	22
29	---	---	---	---	---	---	---	---	---	---	14	19
30	---	---	---	---	---	---	---	---	---	---	13	15
31	---	---	---	---	---	---	---	---	---	---	12	13
<b>Total</b>	---	---	---	---	---	---	---	---	---	---	---	19,422

## 01362182 ROELIFF JANSEN KILL NEAR LINLITHGO, NY—Continued

**SUSPENDED SEDIMENT CONCENTRATION, WATER, UNFILTERED, ESTIMATED BY REGRESSION EQUATION, MILLIGRAMS PER LITER**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

[e, estimated]

Day	Mean	Sediment										
	concentration (mg/L)	discharge (tons/day)										
	April		May		June		July		August		September	
1	11	14	12	23	9	8.2	13	9.9	3	0.91	44	132
2	11	14	10	18	7	6.5	11	7.4	2	0.57	30	66
3	10	11	9	16	6	4.7	13	8.3	2	0.55	22	38
4	9	9.6	16	31	5	3.6	11	7.5	2	0.48	16	24
5	21	28	12	25	5	3.2	8	5.1	1	0.19	44	79
6	20	32	8	13	4	2.8	7	3.8	1	0.21	105	557
7	12	17	7	11	5	3.0	6	2.8	1	0.32	150	1,640
8	9	12	7	10	11	6.7	5	2.3	1	0.31	121	1,680
9	7	8.5	6	8.3	16	10	7	4.5	8	2.4	84	1,080
10	6	6.7	6	7.5	11	9.0	6	3.3	6	1.6	68	556
11	5	5.7	5	6.1	16	13	4	1.9	2	0.40	54	286
12	5	6.2	5	5.6	13	10	4	1.8	1	0.29	41	165
13	11	16	5	5.3	13	12	4	1.6	1	0.21	32	101
14	8	11	5	4.8	9	8.0	4	1.5	1	0.20	25	62
15	5	6.2	5	5.3	8	7.2	4	1.3	6	1.6	22	48
16	25	39	17	19	8	6.4	4	1.2	17	10	18	37
17	97	318	22	29	9	7.0	4	1.2	14	8.2	16	27
18	42	141	21	28	22	24	4	1.2	6	2.8	13	20
19	27	81	48	93	17	16	4	1.0	5	1.7	11	14
20	22	63	77	237	12	9.9	4	1.0	3	1.1	9	11
21	17	40	54	184	9	6.7	3	0.84	10	3.6	8	9.0
22	13	27	50	165	12	8.0	3	0.73	12	5.9	13	17
23	14	29	34	99	23	18	3	0.67	9	4.3	12	16
24	12	25	26	59	72	95	3	0.64	5	2.1	12	18
25	10	19	22	42	44	54	6	1.4	6	2.4	8	10
26	11	22	18	30	24	24	5	1.6	10	5.8	6	6.6
27	22	48	16	24	19	17	7	2.6	18	13	5	4.9
28	22	55	13	17	20	15	6	2.2	305	3,310	5	4.9
29	23	62	12	14	34	31	5	1.8	229	3,060	87	297
30	15	34	14	15	20	17	4	1.3	119	1,100	68	274
31	---	---	10	11	---	---	4	1.1	69	327	---	---
<b>Total</b>	---	1,200.9	---	1,255.9	---	456.9	---	83.48	---	7,868.14	---	7,280.4

## 01362182 ROELIFF JANSEN KILL NEAR LINLITHGO, NY—Continued

**SUSPENDED SEDIMENT CONCENTRATION, WATER, UNFILTERED, ESTIMATED BY REGRESSION EQUATION, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[e, estimated]

Day	Mean	Sediment										
	concentration (mg/L)	discharge (tons/day)										
	October		November		December		January		February		March	
1	47	160	10	14	14	20	17	28	12	16	7	5.0
2	35	103	11	16	11	14	17	27	11	13	9	6.7
3	29	72	11	16	10	e12	18	26	9	11	32	30
4	21	45	11	17	9	e11	16	20	9	9.2	13	14
5	16	32	11	16	9	9.3	16	18	8	7.9	7	5.9
6	14	25	8	12	10	10	14	16	8	7.3	5	4.0
7	12	19	7	9.3	50	107	14	16	7	6.3	5	3.4
8	12	16	7	8.1	150	775	14	15	6	5.5	5	3.5
9	13	15	6	7.4	70	295	13	13	6	5.0	7	6.3
10	13	15	6	6.9	46	171	13	13	6	4.6	6	6.0
11	8	9.3	6	6.6	36	107	12	12	6	4.3	5	3.9
12	7	7.5	6	5.7	29	72	34	39	6	4.1	4	3.3
13	13	13	5	4.9	24	53	27	39	6	3.8	5	3.8
14	57	92	5	4.5	20	40	19	23	6	3.7	4	3.5
15	24	43	5	4.4	19	36	32	32	5	3.3	4	2.7
16	11	15	5	4.9	18	34	43	39	5	3.3	5	3.3
17	10	11	6	5.9	16	28	19	18	5	3.8	3	2.2
18	11	12	5	4.8	16	25	17	15	5	3.5	3	2.2
19	10	e11	4	3.9	17	24	14	12	4	2.8	3	2.2
20	14	18	4	3.5	16	21	20	16	4	2.4	4	2.7
21	11	11	4	3.4	15	20	31	24	4	2.2	6	3.9
22	9	8.5	6	4.9	20	29	12	9.4	4	2.1	8	4.6
23	9	7.6	94	e249	45	85	12	9.7	4	2.2	5	2.7
24	9	7.1	40	110	29	56	26	28	14	9.1	4	2.4
25	7	e5.2	23	50	19	31	19	21	10	7.5	4	1.9
26	6	4.7	16	30	16	24	13	12	5	3.7	3	1.6
27	10	8.0	15	25	38	66	83	148	4	2.5	3	1.3
28	13	14	13	19	66	167	54	111	4	2.3	3	1.3
29	9	9.5	13	18	38	86	27	47	4	2.3	3	1.5
30	14	e18	16	23	25	48	18	27	---	---	3	1.4
31	12	16	---	---	18	31	14	18	---	---	3	1.3
<b>Total</b>	---	843.4	---	704.1	---	2,507.3	---	892.1	---	154.7	---	138.5

## 01362182 ROELIFF JANSEN KILL NEAR LINLITHGO, NY—Continued

**SUSPENDED SEDIMENT CONCENTRATION, WATER, UNFILTERED, ESTIMATED BY REGRESSION EQUATION, MILLIGRAMS PER LITER  
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

[e, estimated]

Day	Mean	Sediment										
	concentration (mg/L)	discharge (tons/day)										
	April		May		June		July		August		September	
1	3	1.4	4	2.2	26	21	5	1.1	12	2.4	3	0.40
2	3	1.7	5	2.7	28	22	5	0.97	9	1.7	3	0.36
3	3	1.6	4	2.0	28	25	5	0.81	16	2.4	3	0.30
4	3	1.4	4	2.4	24	20	5	0.76	8	1.1	3	0.23
5	3	1.3	6	3.0	24	20	4	0.71	2	0.28	48	6.7
6	3	1.2	5	2.5	20	15	4	0.64	3	0.33	6	0.62
7	3	1.2	5	2.3	16	11	4	0.64	2	0.27	5	0.55
8	3	1.1	6	2.5	15	9.3	4	0.62	2	0.24	56	14
9	3	1.0	6	2.9	15	9.1	4	0.59	2	0.24	22	4.8
10	3	0.94	10	5.8	13	7.3	4	0.46	19	2.7	7	1.4
11	2	0.82	9	5.6	13	6.3	3	0.38	30	8.2	4	0.79
12	7	2.5	7	3.6	12	5.5	4	0.44	11	2.3	3	0.48
13	10	3.4	7	3.3	24	17	4	0.39	7	1.0	2	0.31
14	4	1.2	7	3.4	23	16	5	0.61	5	0.62	3	0.36
15	4	1.3	21	17	15	8.7	4	0.55	11	2.1	2	0.23
16	4	1.2	24	24	12	5.9	4	0.48	28	8.7	2	0.20
17	4	1.2	15	13	11	4.8	4	0.41	11	2.5	2	0.15
18	4	1.1	12	8.5	9	3.6	5	0.50	7	1.4	38	9.3
19	3	0.76	9	5.9	9	3.2	4	0.37	5	0.81	64	41
20	4	1.0	9	5.2	8	2.9	5	0.48	3	0.48	32	22
21	5	1.4	20	12	8	2.7	3	0.37	3	0.36	13	5.6
22	8	2.9	23	17	16	4.9	3	0.30	3	0.35	22	9.1
23	70	79	17	14	9	2.7	3	0.28	3	0.33	21	10
24	34	43	14	10	7	2.1	3	0.40	3	0.32	11	5.0
25	14	13	11	7.2	13	3.5	2	0.28	3	0.30	6	2.1
26	9	6.7	11	6.4	8	2.1	2	0.27	4	0.42	4	1.2
27	7	5.0	10	5.4	6	1.8	2	0.24	3	0.30	3	0.86
28	6	3.7	9	4.3	6	1.5	9	1.3	27	3.4	10	3.6
29	5	2.7	22	11	6	1.4	12	3.7	8	1.2	15	8.7
30	4	1.9	60	64	6	1.2	11	2.9	5	0.79	11	6.2
31	---	---	36	35	---	---	8	1.8	4	0.47	---	---
<b>Total</b>	---	186.62	---	304.1	---	257.5	---	23.75	---	48.01	---	156.54

<b>Total suspended sediment discharge (tons)</b>
<b>Year</b> 6,216.62