

CLINTON COUNTY

410734077262102. Local number, CN 419.  
(Drake Chemical Superfund Project)

LOCATION.--Lat 41°07' 33.55", long 77°26' 21.44", Hydrologic Unit 02050204, at the Drake Chemical Site in Castanea Township  
Owner: Privately owned.

AQUIFER.--Gravel, sand, and clay of the Quaternary System

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 2 in., depth 39.3 ft, cased to 30.3 ft, screened from 30.3-39.3 ft.

INSTRUMENTATION.--Electronic data logger with 15-minute recording interval.

DATUM.--Elevation of land surface is 551.5 ft above National Geodetic Vertical Datum of 1929, from levels. Measuring point: Top of PVC casing, 1.4 ft above land-surface datum.

REMARKS.--In addition to the daily mean water level table shown below, daily maximum and minimum water levels are also available from the USGS Pennsylvania Water Science Center. Well inundated by flood waters of Bald Eagle Creek on Sept. 18, 2004.

PERIOD OF RECORD.--December 13, 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--The extremes shown are extremes of the instantaneous depth below land surface for the period of record indicated above.

Highest water level recorded, 0.95 ft above land-surface datum, Sept. 18, 2004; lowest, 12.29 ft below land-surface datum, Oct. 9, 10, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 0.95 ft above land-surface datum, Sept. 18; lowest, 10.81 ft below land-surface datum, July 4.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.63	9.75	8.35	9.08	10.34	10.29	8.66	9.24	9.36	10.67	7.72	10.30
2	7.73	9.83	8.79	9.08	10.36	9.89	7.79	9.30	9.47	10.73	7.80	10.35
3	8.00	9.88	9.05	8.80	10.34	8.84	7.52	9.03	9.58	10.77	8.13	10.39
4	8.59	9.94	9.08	8.26	10.39	8.11	7.86	9.07	9.73	10.80	8.80	10.43
5	9.09	9.90	9.19	6.27	10.42	7.59	8.32	9.12	9.84	10.64	8.82	10.54
6	9.31	9.56	9.28	4.95	10.29	6.32	8.62	9.25	9.85	10.46	9.02	10.58
7	9.49	9.53	9.40	5.90	10.13	5.10	8.81	9.35	10.01	10.57	9.30	10.61
8	9.63	9.66	9.54	6.62	10.18	5.60	8.96	9.46	10.09	10.46	9.50	10.58
9	9.74	9.78	9.62	6.95	10.14	6.41	9.08	9.55	10.08	10.53	9.62	8.62
10	9.82	9.80	9.61	7.19	10.12	6.93	9.19	9.43	10.13	10.60	9.65	5.61
11	9.93	9.85	7.87	7.37	10.18	7.20	9.40	9.40	10.12	10.67	9.71	6.51
12	9.99	9.86	6.12	8.04	10.18	7.54	9.48	9.45	10.18	10.48	9.80	7.37
13	10.09	9.90	6.51	8.54	10.19	7.89	9.13	9.50	10.27	9.98	9.60	7.63
14	10.11	9.98	6.83	8.86	10.21	8.29	8.00	9.47	10.30	9.66	9.89	7.64
15	9.85	10.05	7.02	9.10	10.30	8.73	7.71	9.28	10.32	9.19	10.0	7.83
16	9.84	10.11	7.09	9.25	10.36	8.95	8.31	9.43	10.32	9.50	10.04	8.76
17	10.00	10.20	7.46	9.38	10.38	9.10	8.71	9.53	10.33	9.77	10.04	8.72
18	10.07	10.24	7.78	9.37	10.41	9.24	9.00	9.41	9.98	9.86	10.07	---
19	10.12	9.65	8.49	9.53	10.46	9.32	9.17	9.25	10.09	9.70	10.14	---
20	10.16	6.15	8.92	9.59	10.37	9.15	9.35	9.16	10.25	9.88	10.21	---
21	10.17	5.27	9.10	9.64	10.33	8.10	9.44	9.03	10.38	9.92	9.79	---
22	10.25	6.40	9.23	9.70	10.39	7.88	9.58	8.26	10.47	10.01	9.48	---
23	10.31	6.97	9.13	9.82	10.35	7.92	9.44	7.83	10.39	9.97	9.74	---
24	10.41	7.27	8.71	9.89	10.35	8.14	9.41	8.29	10.43	9.73	9.96	---
25	10.54	7.41	7.91	9.99	10.43	8.51	9.44	8.76	10.47	9.82	10.07	---
26	10.59	7.60	7.76	10.05	10.49	8.47	8.91	8.97	10.53	9.87	10.13	---
27	10.31	8.22	8.03	10.04	10.49	8.52	8.41	8.73	10.59	8.31	10.16	---
28	9.41	8.22	8.42	10.07	10.47	8.61	8.67	8.76	10.58	6.29	10.21	---
29	9.48	8.09	8.64	10.12	10.42	8.82	8.89	9.11	10.60	6.75	10.27	---
30	9.54	8.17	8.75	10.15	---	8.89	9.11	9.28	10.63	7.31	10.29	---
31	9.66	---	8.81	10.27	---	9.01	---	9.35	---	7.47	10.21	---
MEAN	9.67	8.91	8.40	8.77	10.33	8.17	8.81	9.13	10.18	9.69	9.62	8.97
MAX	10.59	10.24	9.62	10.27	10.49	10.29	9.58	9.55	10.63	10.80	10.29	10.61
MIN	7.63	5.27	6.12	4.95	10.12	5.10	7.52	7.83	9.36	6.29	7.72	5.61

