Pump Test – April 13,14-1971

Kent Park – Johnson Co.

SW-24 T80N R8W

Depth: 420'

Elevation land surface: est. 775

Contractor: Latta + Son Riverside

Date drilled: 2/28/71 – 3/4/71

Casing data: 358' of 7" OD csg; 6½" hole @ 420'
bedrock @ 188'

Test pump: Submersible, elec. power, set at 189'

Aquifer: Wapsipinicon and Silurian*

Measurements: electric line
SWL = 94.57' PWL = 153.48' after 24 hrs, 50 min.
Q = 60 gpm Spec. Cap. = 1+ gpm/ft

Observers: R. Hansen L. Steele
Water sample collected by Schleetz prior to test

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

File No. { Washington ____ / District ____

KENT PARK PUMPING TEST — APR. 13, 1971

TIME HOUR	TIME MIN.	WATER LEVEL	DRAW DOWN									
10:40A		94.57			SWL	ELEC	LINE					
		94.94			SWL	TAPE						
10:55A					PUMP	ON						
	1	118.98	25.41									
	2	130.50	35.93									
	3	135.86	41.29									
	4	139.14	44.57									
	5	141.10	46.53									
	6	142.37	47.80									
	7	143.18	48.61									
	8	143.73	49.16									
	9	144.14	49.57									
	10	144.41	49.84									
	12	144.84	50.27									
	15	145.24	50.67									
	20	145.60	51.03									
	25	145.96	51.39									
	30	146.30	51.73									
	40	143.30	48.73		PUMP	OFF	APPROX.	30 SEC	AT 37	MIN.		
11:45A	50	146.98	52.41		60.5	GPM						
11:55A	60	147.40	52.83									
12:10P	75	147.86	53.29									
12:25P	90	148.04	53.47		60	GPM						
3:15P		149.63	55.06		60	GPM						
5:45P		150.90	56.33									
9:50P		152.00	57.43									
APR. 14												
6:55A		153.10	58.53									
8:55A		153.30	58.73									
11:30A		153.30	58.73		60	GPM		PUMP	OFF	BRIEFLY		
11:44A		153.48	58.91									

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

File No. { Washington ____
District ____

KENT PARK RECOVERY

APR 14 1971

TIME HOUR	TIME MIN.	WATER LEVEL	RECOVERY									
11:45A					PUMP	OFF						
	1	125.35	28.13									
	2	112.58	40.90									
	3	106.90	46.58									
	4	104.60	48.88									
	5	103.45	50.03									
	6	102.78	50.70									
	7	102.37	51.11									
	8	102.12	51.36									
	9	101.94	51.54									
	10	101.78	51.70									
	12	101.55	51.93									
	15	101.27	52.21									
	20	100.92	52.56									
	30	100.47	53.01									
	40	100.14	53.34									

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