

# Data *feng shui*

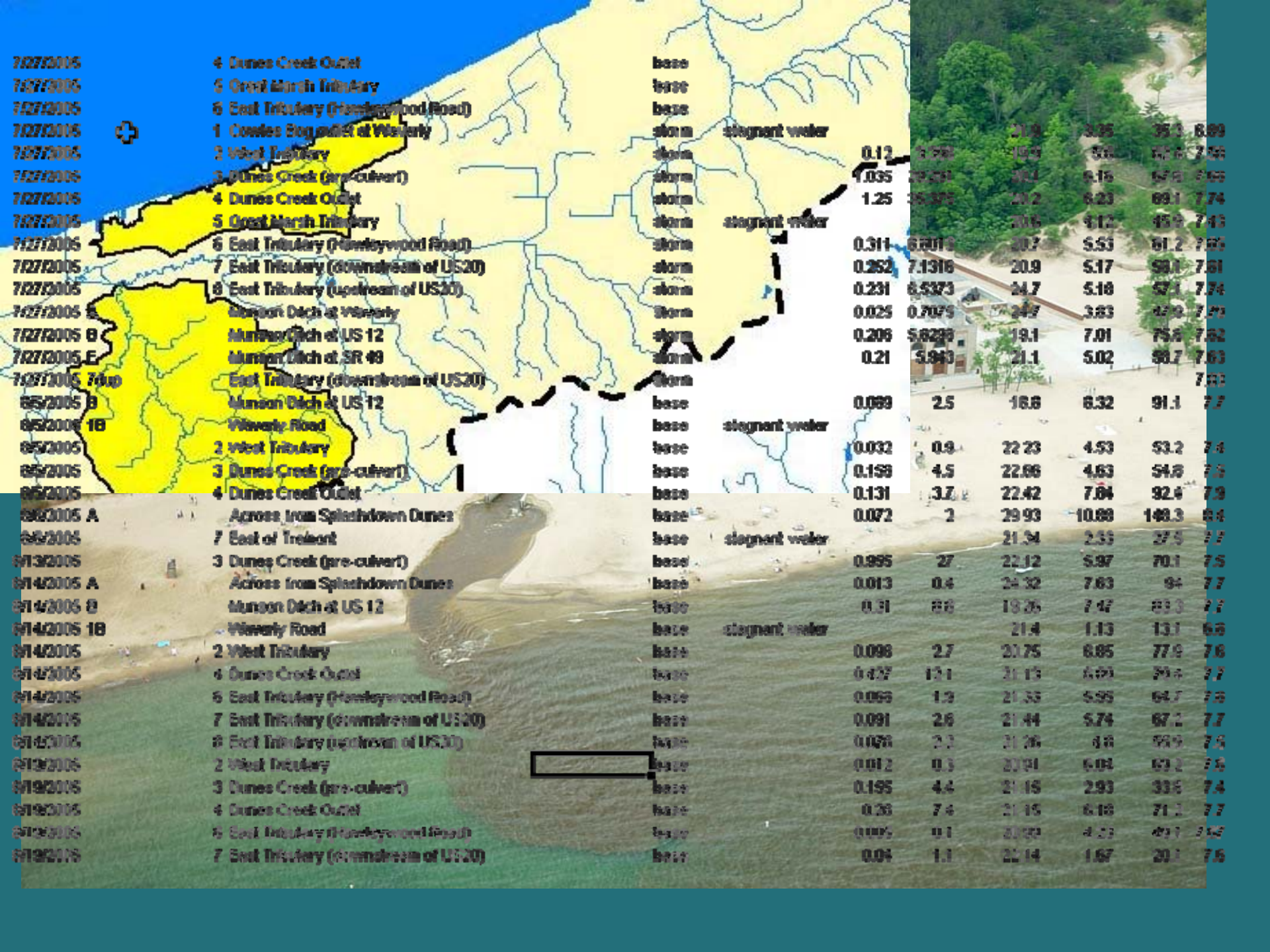
Can Excel really do  
that?

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December 10, 2008



7/27/2005	4 Dunes Creek Outlet	base								
7/27/2005	5 Great Marsh Tributary	base								
7/27/2005	6 East Tributary (Honeywood Road)	base								
7/27/2005	1 Cowles Bog outlet at Waverly	storm	stagnant water							
7/27/2005	2 West Tributary	storm		0.12	6.98	19.9	5.6	62.6	7.66	
7/27/2005	3 Dunes Creek (pre-culvert)	storm		7.035	29.29	26.4	6.16	67.6	7.66	
7/27/2005	4 Dunes Creek Outlet	storm		1.25	26.375	20.2	6.23	69.1	7.74	
7/27/2005	5 Great Marsh Tributary	storm	stagnant water							
7/27/2005	6 East Tributary (Honeywood Road)	storm		0.311	6.7019	20.7	5.53	61.2	7.66	
7/27/2005	7 East Tributary (downstream of US20)	storm		0.252	7.1316	20.9	5.17	59.1	7.61	
7/27/2005	8 East Tributary (upstream of US20)	storm		0.231	6.5373	24.7	5.16	57.1	7.74	
7/27/2005	Munson Ditch at Waverly	storm		0.025	0.7075	24.7	3.83	47.9	7.77	
7/27/2005 B	Munson Ditch at US 12	storm		0.206	5.6238	19.1	7.01	75.6	7.62	
7/27/2005 E	Munson Ditch at SR 49	storm		0.21	5.943	21.1	5.02	66.7	7.63	
7/27/2005 Top	East Tributary (downstream of US20)	storm								7.63
8/5/2005 B	Munson Ditch at US 12	base		0.089	2.5	16.6	6.32	91.1	7.7	
8/5/2005 1B	Waverly Road	base	stagnant water							
8/5/2005	2 West Tributary	base		0.032	0.9	22.23	4.53	53.2	7.4	
8/5/2005	3 Dunes Creek (pre-culvert)	base		0.159	4.5	22.66	4.63	54.6	7.6	
8/5/2005	4 Dunes Creek Outlet	base		0.131	3.7	22.42	7.64	92.4	7.9	
8/6/2005 A	Across from Splashdown Dunes	base		0.072	2	29.93	10.68	148.3	8.4	
8/6/2005	7 East of Treloart	base	stagnant water							
8/13/2005	3 Dunes Creek (pre-culvert)	base		0.995	27	22.12	5.97	70.1	7.5	
8/14/2005 A	Across from Splashdown Dunes	base		0.013	0.4	24.32	7.63	94	7.7	
8/14/2005 B	Munson Ditch at US 12	base		0.31	8.6	19.26	7.47	83.3	7.7	
8/14/2005 1B	Waverly Road	base	stagnant water							
8/14/2005	2 West Tributary	base		0.098	2.7	20.75	6.85	77.9	7.6	
8/14/2005	4 Dunes Creek Outlet	base		0.427	12.1	21.13	6.69	79.6	7.7	
8/14/2005	6 East Tributary (Honeywood Road)	base		0.066	1.9	21.33	5.95	64.7	7.6	
8/14/2005	7 East Tributary (downstream of US20)	base		0.091	2.6	21.44	5.74	67.2	7.7	
8/14/2005	8 East Tributary (upstream of US20)	base		0.076	2.3	21.26	6.6	69.9	7.6	
8/19/2005	2 West Tributary	base		0.012	0.3	20.91	6.04	69.2	7.6	
8/19/2005	3 Dunes Creek (pre-culvert)	base		0.195	4.4	21.16	2.93	33.6	7.4	
8/19/2005	4 Dunes Creek Outlet	base		0.26	7.4	21.15	6.16	71.2	7.7	
8/19/2005	6 East Tributary (Honeywood Road)	base		0.005	0.1	20.92	4.23	49.1	7.62	
8/19/2005	7 East Tributary (downstream of US20)	base		0.04	1.1	22.14	1.67	20.1	7.6	

# Dunes Creek

PARAMETER: % Dissolved P

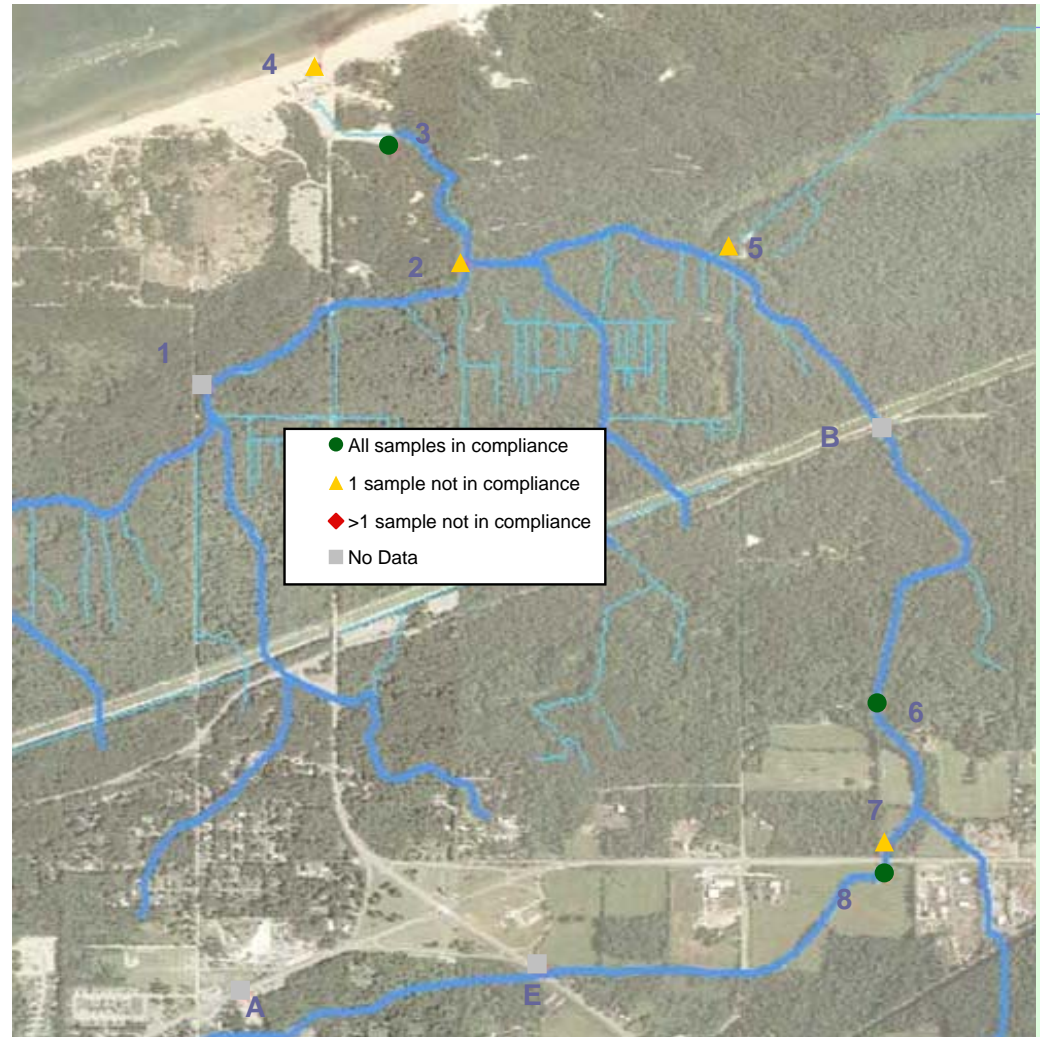
THRESHOLD: 51 %

last updated: January 30, 2007 10:04 AM

SHOW MAP

SHOW IMAGE

- Conductivity
- *e. coli*
- % Dissolved P



PARAMETER: % Dissolved P  
THRESHOLD: 51 %

last updated: January 30, 2007 11:20 AM

SHOW MAP

SHOW IMAGE

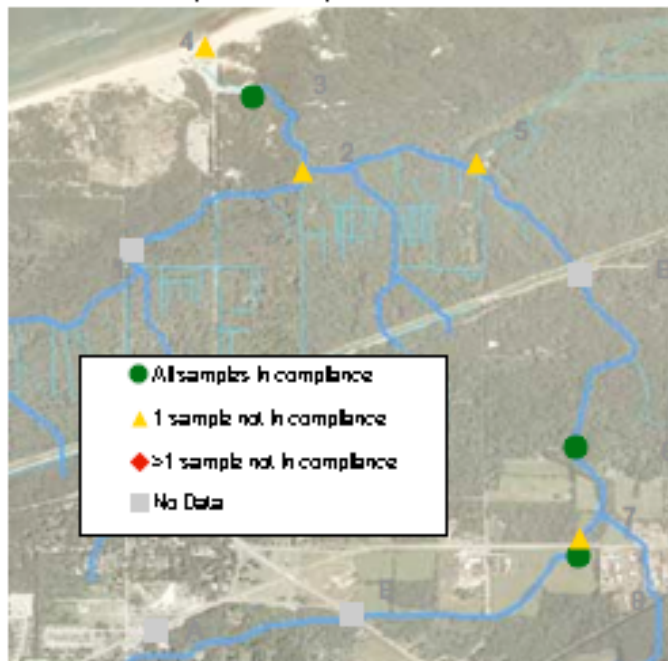


PARAMETER: % Dissolved P  
THRESHOLD: 51 %

last updated: January 30, 2007 11:20 AM

SHOW MAP

SHOW IMAGE



**% Dissolved Phosphorus Summary Analysis:**

Dissolved P is not a State standard. Rather, the threshold of 51% dissolved P is used as an indicator of possible septic waste problems. Further testing may be needed since in some cases the dissolved P exceeds 100%. This is a particular issue in sites 2, 3, & 4. This difference may be due to differing methodologies in collecting total P and ortho-P. Sites 6, 7, & 8 are greater than 51% and less than 100% (with the exception of one data point). This might be an area for closer study for possible sources. In addition, further testing at 2, 3 & 4 could be useful to discern if there are possible sources or just conflict of methodologies.

Site 5



Site B



Site 6



Site 7



Site 8



\* Y Axis units: %

Site 4



Site 3



Site 2



Site 1



Site A



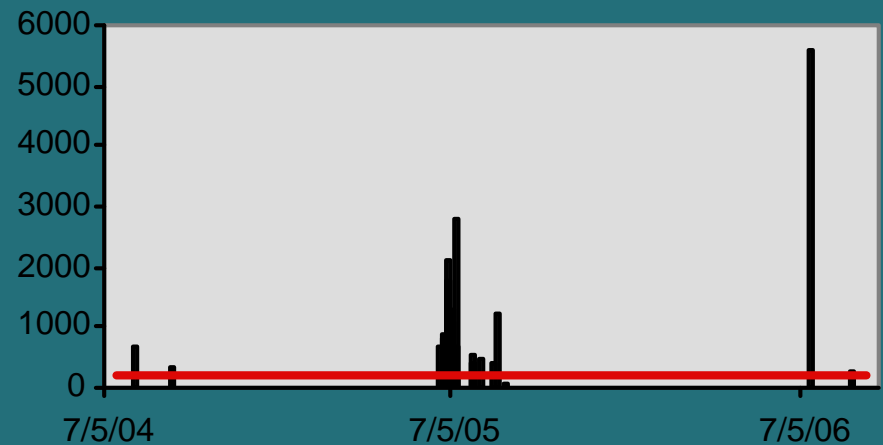
Site E



Site	Date	E. coli
2	8/5/04	680
2	9/14/04	360
2	6/21/05	700
2	6/22/05	0
2	6/23/05	600
2	6/24/05	400
2	6/25/05	900
2	6/26/05	800
2	6/27/05	400
2	6/28/05	1800
2	6/29/05	600
2	6/30/05	1000
2	7/1/05	2100
2	7/2/05	600
2	7/3/05	1100
2	7/4/05	1300
2	7/5/05	300
2	7/6/05	700
2	7/7/05	2800
2	7/9/05	200
2	7/27/05	400
2	7/27/05	550
2	8/5/05	500
2	8/14/05	400
2	8/19/05	1200
2	8/29/05	100
2	7/14/06	5600
2	8/26/06	300

# Focus in on site 2

Standard - 235cfu /100 ml



# Thank you!

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