

LAKE MOHEGAN STORM DRAIN  
TOTAL PHOPHORUS - PARTS PER BILLION  
WATER SAMPLES (+/- 50 ppb)  
(June 11, 12, and 13, 1994)

Saturday 6/11/94

	<u>Time</u>	<u>Location</u>	<u>Comments</u>	<u>Phosphorous</u>
1.	11:50 p.m.	STORM DRAIN	pre-storm	less than 50 ppb
	3:25 p.m.	.....	light rain begins and stops by 3:30 p.m.	
2.	3:30 p.m.	STORM DRAIN		less than 50 ppb
3.	3:35 p.m.	STORM DRAIN		less than 50 ppb
	5:25 p.m.	.....	more light rain	
4.	5:40 p.m.	STORM DRAIN	water not yet flowing into catch basins; light rain	930 ppb
5.	5:50 p.m.	STORM DRAIN	water not yet flowing into catch basins; rain intermittent and light	less than 50 ppb
6.	6:15 p.m.	STORM DRAIN	water not yet flowing into catch basins; rain intermittent and light	less than 50 ppb
	6:20 p.m.	.....	rain becomes medium-heavy; catch basins begin to collect water	

7.	6:25 p.m.	STORM DRAIN	still no significant increase in flow rate; roads fully wetted; rainfall steady but moderate	less than 50 ppb
8.	6:35 p.m.	STORM DRAIN	rain stops at 6:35; still no observable increase in flow rate	less than 50 ppb
9.	6:45 p.m.	SOUTH DRAIN <sup>1</sup>	MCA beach storm pipe - rain light & intermittent, probably not enough to run into catch basins; rain stopped at 6:45; resumed at 7:45.	300 pbb
10.	8:10 p.m.	STORM DRAIN	back at storm drain (Mohegan) - light rain	400 ppb

Sunday 6/12/94

Huge thunderstorm  
approx. 4:45 a.m.;  
let up around 5:15 a.m.

11.	5:25 a.m.	STORM DRAIN	Very silted, heavy flow	3,500 ppb
12.	5:26 a.m.	STORM DRAIN	"	1,800 ppb
13.	5:27 a.m.	STORM DRAIN	"	1,700 ppb

---

<sup>1</sup> This is storm drain at Mohegan Colony Assn. ballfield.

14.	5:30 a.m.	NORTH DRAIN <sup>2</sup>	North end storm drain	1,000 ppb
15.	6:50 a.m.	STORM DRAIN	Flow has lessened; nearly back to original level. We had 3" of rain Sat. and Sun.	800 ppb

Monday 6/13/94

16.	7:00 a.m.	MCA DOCK <sup>3</sup>	MCA dock - lake sample	less than 50 ppb
17.	7:10 a.m.	STORM DRAIN	Storm drain - water clear, moderate flow	less than 50 ppb less than 50 ppb
18.	7:15 a.m.	LAKE OUTLET <sup>4</sup>		less than 50 ppb

---

<sup>2</sup> This sample was taken from storm drain at Sagamore and Mohegan Avenue.

<sup>3</sup> This sample was taken from lake itself.

<sup>4</sup> This sample was taken from outlet at Mohegan Avenue.