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CLFLWD Watercraft Inspection Program Mid-Season Summary

The 2017 watercraft inspection season is nearing its half-way point. Inspections are currently in week 9 of 22, assuming that the program will continue running until October 15th. **Thus, the season is approximately 41% complete.**

Total Inspection Hours

This summer we hired four full-time level 1 inspectors, four part-time level 1 inspectors (approximately 20 hours per week), and three rotating level 2 inspectors operating a decontamination unit. The decontamination unit is mobile and rotates between 11 accesses in Chisago and Washington Counties, including Forest 1 and Forest 3. The level 1 inspectors are not permitted to use the decontamination unit, and instead complete visual inspections of the watercraft.

The following table summarizes the number of inspection hours completed by District-hired inspectors this summer (including Chisago joint program inspectors, excluding DNR inspectors):

	Total Inspections	Total Hours	Inspection Rate (Inspections/Hour)	Budgeted Hours	Percent of Budgeted Hours
Forest 1 (Lakeside Park)	774	350	2.2	833.3	42%
Forest 2 (Willow Point)	465	284	1.6	833.3	34%
Forest 3 (Hagberg)	955	421	2.3	833.3	51%
Bone Lake	149	89	1.7	300	30%
Comfort Lake	298	244	1.2	650	38%
Total/Average (CLFLWD)	2,641	1,388	1.9	3,450	39%

Since Forest Lake is a high-traffic and high-priority lake for the state of Minnesota as a whole, the Minnesota Department of Natural Resources (DNR) offered inspectors to conduct inspections throughout the summer at Lakeside Park in Forest Lake at no additional cost to the District. So far, the DNR has contributed 170 hours of level 2 inspections which all took place at Forest Lake 1.

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The following table summarizes the number of inspection hours completed by District-hired staff and DNR-hired staff this summer:

	Total Inspections	Total Hours	Inspection Rate (Inspections/Hour)
Forest 1 (Lakeside Park)	1,276	520	2.5
Forest 2 (Willow Point)	465	284	1.6
Forest 3 (Hagberg)	955	421	2.3
Bone Lake	149	88.5	1.7
Comfort Lake	298	243.5	1.2
Total/Average (CLFLWD + DNR)	3,143	1,557	2.0

For comparison, during the entire 2016 season, a total of 4,033 inspections were performed over 3,077.5 hours. This resulted in an average inspection rate of 1.3 inspections per hour.

Survey Results

As mentioned above, a total of **3,143** surveys have been performed on CLFLWD lakes this season. Below are some findings from the compiled inspection survey data:

- Number of watercraft arriving at the lake with water, vegetation or mud on their watercraft = 76.
- Number of watercraft requiring removal of the bilge drainage plug upon arriving at Forest Lake = 77.
- Number of watercraft exiting the lake with water, vegetation or AIS animals attached or present = 69.

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Days Worked

Below is a summary of the day distribution of hours worked so far:

Monday	11%
Tuesday	13%
Wednesday	12%
Thursday	9%
Friday	20%
Saturday	22%
Sunday	13%

Last Lake Visited

As part of the inspection process, incoming and outgoing watercraft users are asked which lake they last visited. The following table summarizes the ten most frequent previous lakes for watercraft users that were inspected at CLFLWD lakes. Note: CLFLWD lakes were excluded from this list, but will be included in the individual lake summaries at the end of the year.

Lake	Number of Occurrences
Big Marine	57
Coon	42
Chisago	39
White Bear	38
Bald Eagle	37
Green	37
Clear	35
Minnetonka	34
Mississippi River	29
St. Croix River	26

A more extensive data summary will be prepared at the end of the inspection season, including a map showing previous lakes visited and the AIS within those lakes (similar to that which was created with the 2016 survey data)