

Appendix C

Flow Isolation Summaries
April 2008

TO:	File	DATE:	April 29, 2008
FROM:	MCJ	PROJECT NO.:	10876C
SUBJECT:	Falmouth on the Green - Storm Flow Monitoring Results II		

As requested, we have conducted an independent assessment of the wastewater flows from Falmouth on the Green (FOG) subdivision during a storm event. On April 29, 2008 between the hours of 4:00 to 6:30 AM, the wastewater flows were measured at predetermined locations throughout the subdivision. The National Oceanic and Atmospheric Administration (NOAA) recorded 1.3 inches of rain between the hours of 2:00 AM to 8:00 PM that morning.

The bullets below outline our findings.

INVERNESS ROAD AREA

- FCC 55 - FCC 56
 - 0 gpm
 - No Flow
- FCC 61 - FCC 62
 - 1 gpm
 - Clean, Clear Flow
- FCC 62 - FCC 63
 - 3 gpm
 - Clean, Clear Flow
 - Leaky M/H Frame
- FCC 63 - FCC 64
 - 3 gpm
 - Dirty Flow with Obstructions
- FCC 64 - FCC 65
 - 8 gpm
 - Clean, Clear Flow
- FCC 65 - FCC 66
 - 8 gpm
 - Dirty Flow with Obstructions
- FCC 62 - FCC 63
 - 6 gpm
 - Clean, Clear Flow

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BALTUSROL ROAD AREA

- FCC 40 - FCC 41
 - 0 gpm
 - No Flow
- FCC 41 - FCC 42
 - 5 gpm
 - Clean, Clear Flow
- FCC 42 - FCC 43
 - 5 gpm
 - Dirty Flow with Obstructions
- FCC 43 - FCC 44
 - 5 gpm
 - Clean, Clear Flow
- FCC 45 - FCC 46
 - 5 gpm
 - Clean, Clear Flow
- FCC 49 - FCC 50
 - 2 gpm
 - Dirty Flow with Obstructions
- FCC 52 - FCC 53
 - 1 gpm
 - Clean, Clear Flow
- FCC 53 - FCC 54
 - 1 gpm
 - Clean, Clear Flow
- FCC 54 - FCC 50
 - 6 gpm
 - Clean, Clear Flow

HAZELTINE DRIVE AREA

- FCC 69 - FCC 70
 - 0 gpm
 - No Flow
- FCC 71 - FCC 72
 - 1 gpm
 - Clean, Clear Flow

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- FCC 72 - FCC 73
 - 3 gpm
 - Clean, Clear Flow
- FCC 74 - FCC 73
 - 5 gpm
 - Clean, Clear Flow
- FCC 76 - FCC 75
 - 4 gpm
 - Clean, Clear Flow
- FCC 77 - FCC 75
 - 0 gpm
 - No Flow
- House 1 - FCC 76
 - 1 gpm
 - Clean, Clear Flow
- House 2 - FCC 76
 - 0 gpm
 - No Flow

BIRKDALE ROAD AREA

- FCC 1 - FCC 2
 - 1 gpm
 - Clean, Clear Flow
- FCC 11 - FCC 12
 - 6 gpm
 - Clean, Clear Flow
- FCC 14 - FCC 15
 - 12 gpm
 - Clean, Clear Flow
- FCC 18 - FCC 19
 - 16 gpm
 - Clean, Clear Flow
- FCC 20 - FCC 21
 - 16 gpm
 - Clean, Clear Flow
- FCC 22 - FCC 23
 - 18 gpm
 - Clean, Clear Flow

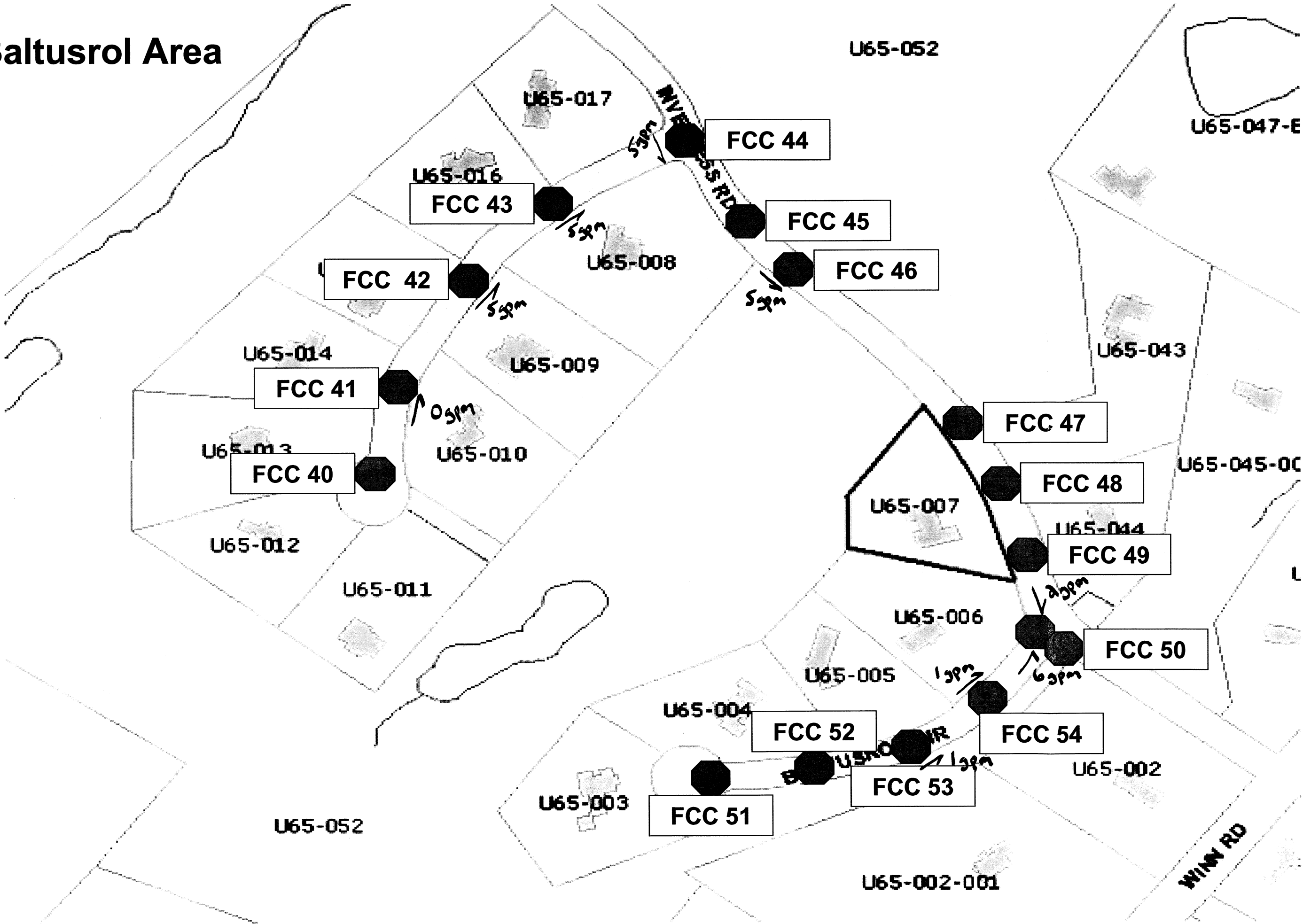
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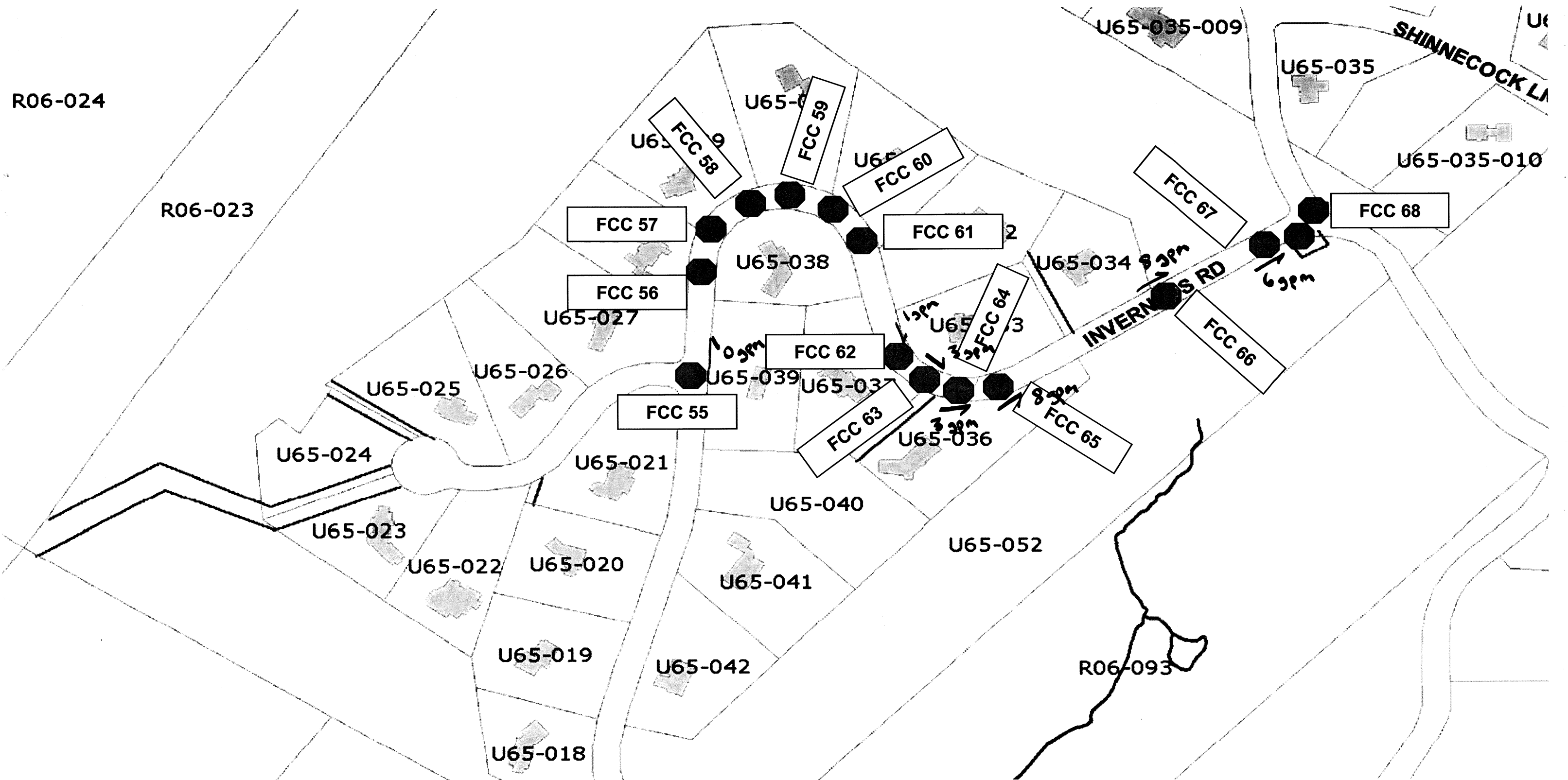
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- FCC 23 - FCC 24
 - 16 gpm
 - Clean, Clear Flow
- FCC 25 - FCC 26
 - 20 gpm
 - Clean, Clear Flow
- FCC 26 - FCC 27
 - 26 gpm
 - Clean, Clear Flow
- FCC 28 - FCC 27
 - 15 gpm
 - Clean, Clear Flow
- FCC 37 - FCC 29
 - 8 gpm
 - Clean, Clear Flow
- FCC 38 - FCC 37
 - 8 gpm
 - Clean, Clear Flow
- FCC 39 - FCC 38
 - 0 gpm
 - No Flow
- FCC 35 - FCC 30
 - 4 gpm
 - Clean, Clear Flow
- FCC 36 - FCC 35
 - 4 gpm
 - Clean, Clear Flow
- House 3 - FCC 36
 - 4 gpm
 - Clean, Clear Flow
- FCC 31 - FCC 30
 - 1 gpm
 - Dirty Flow with Obstructions
 - High, Stagnant Water
- FCC 32 - FCC 31
 - 0 gpm
 - No Flow

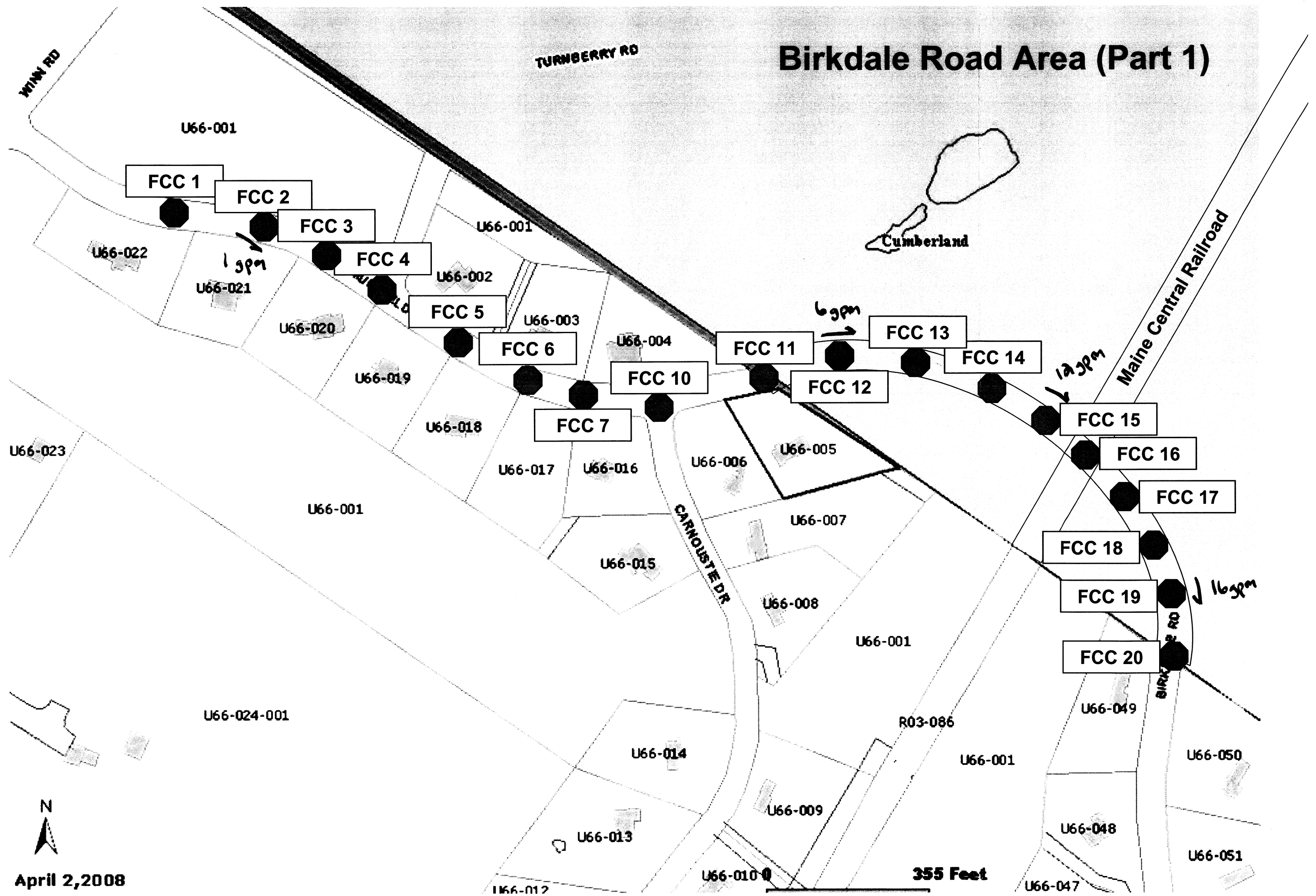
Baltusrol Area





Inverness Road Area

Birkdale Road Area (Part 1)



U66-023

Birkdale Road

FCC 20

Cumberland

U66-050

CC 21

U66-024-001

U66-051

CC 22

U66-052

U66-026

U66-027

WINSOME LEA RD

U66-028

U66-030

U66-029

U66-052

U66-034

U66-035

U66-036-001

U66-064-001

R03-025

U66-064

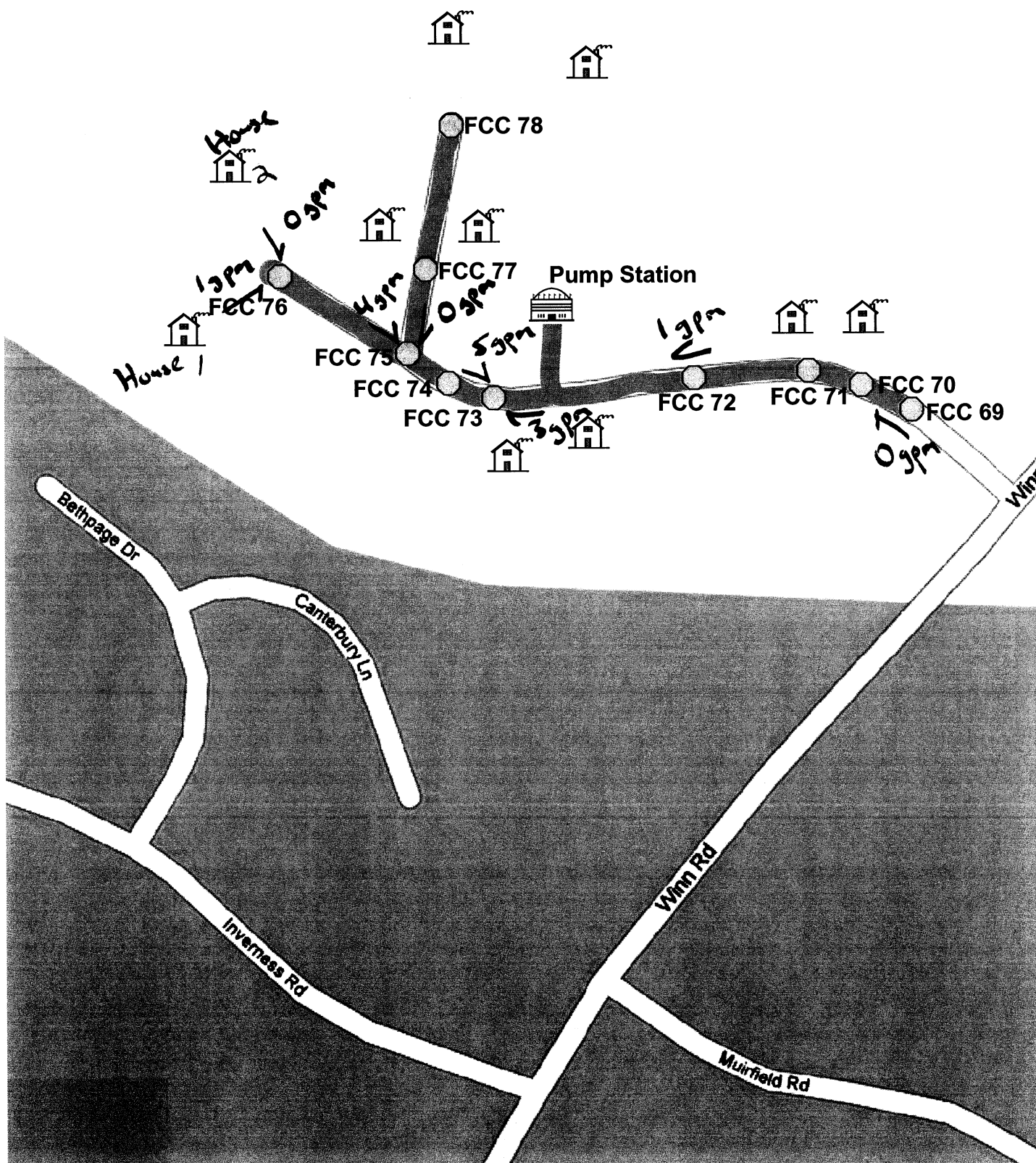
U66-063

R03-026

April 2, 2008
R03-084-007



Hazeltine Drive Area



MEMORANDUM

TO: File DATE: April 11, 2008

FROM: MCJ PROJECT NO.: 10876C

SUBJECT: Falmouth on the Green - Storm Flow Monitoring Results

As requested, we have conducted an independent assessment of the wastewater flows from Falmouth on the Green (FOG) subdivision during a storm event. On April 4, 2008 between the hours of 8:00 to 9:30 PM, the wastewater flows were measured at predetermined locations throughout the subdivision. The National Oceanic and Atmospheric Administration (NOAA) recorded 0.5 inches of rain between the hours of 6:00 PM to 10:00 PM that night.

The bullets below outline our findings.

INVERNESS ROAD AREA

- FCC 66 - FCC 67
 - 8 gpm
 - Dirty Flow with Obstructions
- FCC 61 - FCC 62
 - 6 gpm
 - Clean, Clear Flow
- FCC 57 - FCC 58
 - 2 gpm
 - Clean, Clear Flow

BALTUSROL ROAD AREA

- FCC 43 - FCC 44
 - 0 gpm
 - No Flow
- FCC 49 - FCC 50
 - 0 gpm
 - No Flow
- FCC 54 - FCC 55
 - 2 gpm
 - Clean, Clear Flow

Questions or
Concerns?
Let me know!
- Matt

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HAZELTINE DRIVE AREA

- FCC 72 - FCC 73
 - 2 gpm
 - Clean, Clear Flow
- FCC 74 - FCC 73
 - 2 gpm
 - Clean, Clear Flow
- FCC 76 - FCC 75
 - 1 gpm
 - Clean, Clear Flow
- FCC 77 - FCC 75
 - 0 gpm
 - No Flow

BIRKDALE ROAD AREA

- FCC 7 - FCC 10
 - 2 gpm
 - Clean, Clear Flow
- FCC 19 - FCC 20
 - 7 gpm
 - Clean, Clear Flow
- FCC 24 - FCC 25
 - 7 gpm
 - Clean, Clear Flow
- FCC 26 - FCC 27
 - 14 gpm
 - Clean, Clear Flow
- FCC 7 - FCC 10
 - 2 gpm
 - Clean, Clear Flow
- FCC 28 - FCC 27
 - 7 gpm
 - Dirty Flow with Obstructions
- FCC 37 - FCC 29
 - 2 gpm
 - Clean, Clear Flow

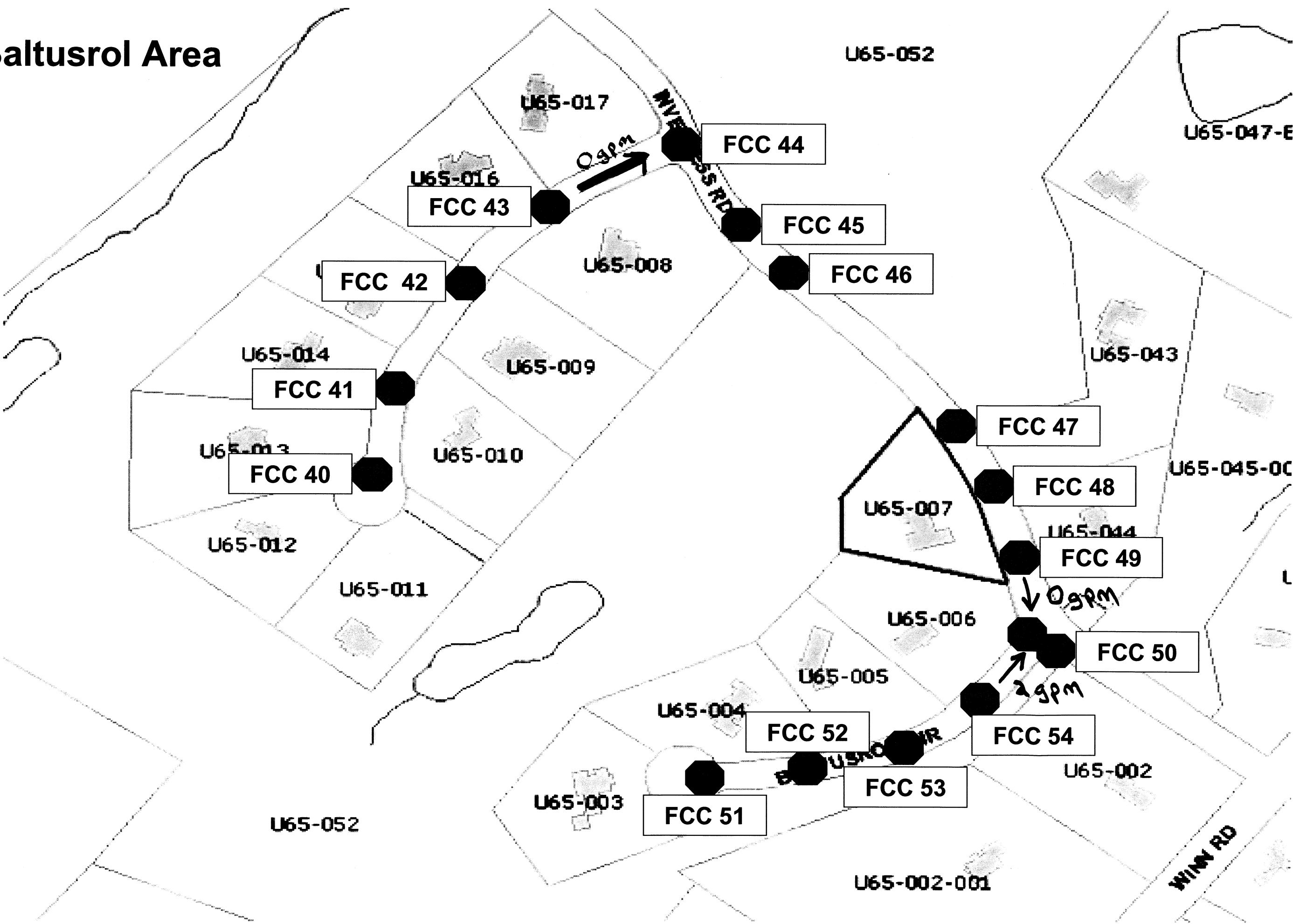
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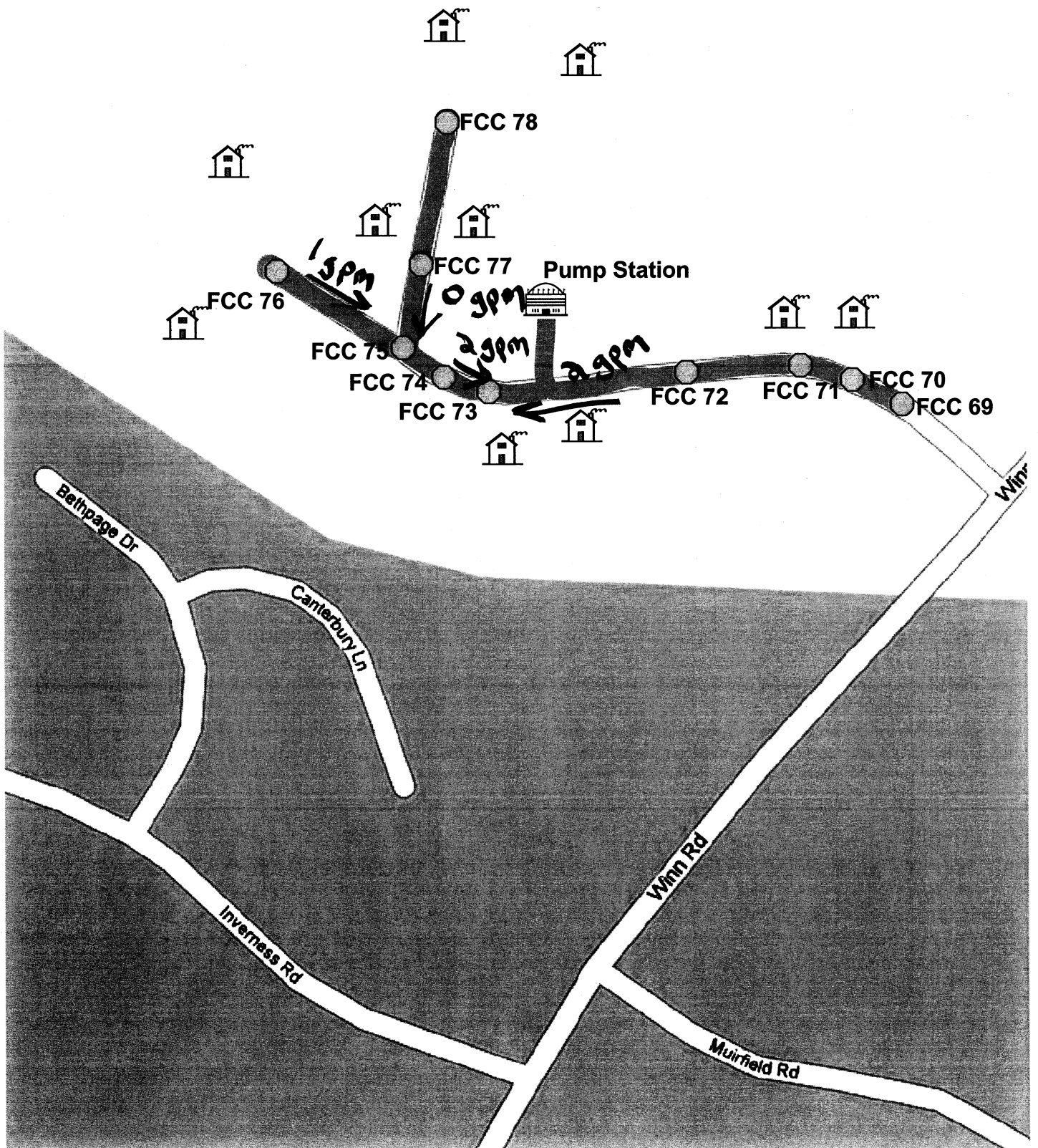
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- FCC 30 - FCC 29
 - 6 gpm
 - Clean, Clear Flow
- FCC 35 - FCC 30
 - 2 gpm
 - Clean, Clear Flow
- FCC 32 - FCC 31
 - 4 gpm
 - Dirty Flow with Obstructions

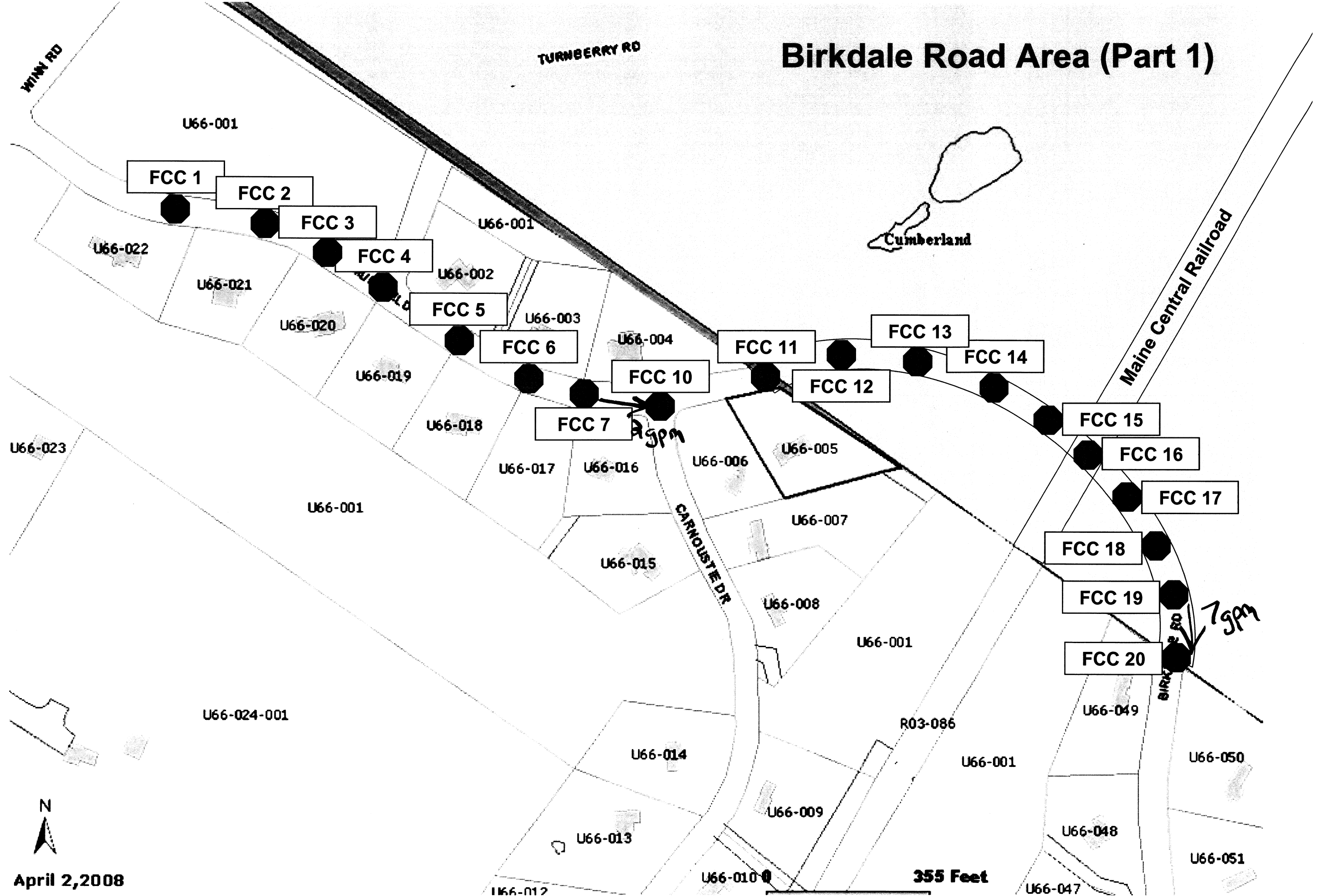
Baltusrol Area



Hazeltine Drive Area



Birkdale Road Area (Part 1)



Birkdale Road Area (Part 2)

This map displays the Birkdale Road Area (Part 2), showing property lots, roads, and monitoring points. The map includes the following features:

- Roads:** Birkdale Rd, Winsome Lea Rd, Carnoustie Dr, and Woodville Rd.
- Monitoring Points:** FCC 20, FCC 21, FCC 22, FCC 23, FCC 24, FCC 25, FCC 26, FCC 27, FCC 28, FCC 29, FCC 30, FCC 31, FCC 32, FCC 33, FCC 35, FCC 36, FCC 37, FCC 38, and FCC 39.
- Property Lots:** Numerous lots are labeled with U66- and R03- prefixes, including U66-001, U66-007, U66-008, U66-009, U66-010, U66-011, U66-012, U66-013, U66-014, U66-015, U66-023, U66-024-001, U66-026, U66-027, U66-028, U66-029, U66-030, U66-034, U66-035, U66-036, U66-036-001, U66-037, U66-040, U66-041, U66-042, U66-043, U66-044, U66-045, U66-046, U66-047, U66-048, U66-049, U66-050, U66-051, U66-052, U66-054, U66-055, U66-057, U66-058, U66-059, U66-060, U66-063, U66-064, U66-064-001, U66-061, and U66-062.
- Other Labels:** R03-086, R03-020, R03-025, and Cumberland.
- Scale and Orientation:** A scale bar indicates 461 Feet. A north arrow points towards the top of the map.
- Handwritten Annotations:** Arrows point to specific monitoring points with handwritten flow rates: 7 gpm (pointing to FCC 25), 14 gpm (pointing to FCC 27), 7 gpm (pointing to FCC 29), 2 gpm (pointing to FCC 30), 4 gpm (pointing to FCC 31), and 2 gpm (pointing to FCC 37).

April 2, 2008
R03-084-007

461 Feet