# NH DEPARTMENT OF ENVIRONMENTAL SERVICES SHELLFISH PROGRAM ACTIVITES, JANUARY 2004 – DECEMBER 2004

A Final Report to

The New Hampshire Estuaries Project

Submitted by

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NewHampshire EstuariesProject

**TABLE OF CONTENTS**

Executive Summary ..... 1
Introduction ..... 2
Project Goals and Objectives ..... 2
Activities and Results ..... 4
Shellfish Program Administration ..... 4
Office and Staffing ..... 4
Annual Reports ..... 4
FDA Program Review ..... 4
Shellfish Program Sanitary Surveys ..... 4
Pollution Source Surveys ..... 4
Miscellaneous Pollution Source Evaluation Studies ..... 5
Overall Sanitary Survey Schedule ..... 6
Shellfish Program Water Quality Monitoring ..... 8
Ambient Sampling ..... 8
Post Rainfall Sampling ..... 15
Closed Status Sampling ..... 16
Shellfish Biotoxin Monitoring ..... 17
Citizen Involvement in the NHDES Shellfish Program ..... 17
Conclusions and Recommendations ..... 18

Appendices

## List of Figures

Figure 1: Great Bay, Little Bay, and Bellamy River Monitoring Sites
Figure 2: Upper Piscataqua River Monitoring Sites
Figure 3: Lower Piscataqua River and Little Harbor/Back Channel Monitoring Sites
Figure 4a: Atlantic Coast (North) and Rye Harbor Monitoring Sites
Figure 4b: Atlantic Coast (South) Monitoring Sites
Figure 5: Hampton/Seabrook Harbor Monitoring Sites

## List of Tables

Table 1: Overview of Pollution Source Sampling and Evaluation Activities
Table 2: Status of Coastal New Hampshire Sanitary Surveys
Table 3: Summary of 2004 Ambient Water Sampling
Table 4: 2004 Post Rainfall Sampling Results
Table 5: 2004 Closed Status Shellfish Tissue Bacteria Levels

## Executive Summary

This report summarizes the activities of the NH Department of Environmental Services (NHDES) Shellfish Program for the period of January 2004 to December 2004. The NHDES Shellfish Program conducts a number of activities to minimize the health risks associated with consuming shellfish, and to continue to comply with National Shellfish Sanitation Program guidelines. Among basic program functions is a routine water quality monitoring program, which involved the collection of nearly 800 samples at over 70 sites in 2004, the results of which are used to ensure that assessments of water quality for all areas are kept up-to-date. Weekly "red tide" monitoring was critical for early detection of dangerous levels of Paralytic Shellfish Poisoning toxin in offshore waters in August, leading a nearly one-month closure to all harvesting in the Atlantic coastal waters. The program's pollution source identification and evaluation program involved the collection of nearly 200 water samples, used to guide proper classification of the receiving waters. A number of other studies and sampling programs, including effluent dilution/dispersion studies of the Newmarket and Dover wastewater treatment facilities, were completed. A particularly useful sampling program has been the initiation of post-rainfall water and shellfish tissue sampling in conditionally approved areas. This program improved management decisions and increased harvesting opportunities in Hampton/Seabrook Harbor, providing data that drove decisions to open the flats on most of the 16 days that the harbor was available for harvesting. Sanitary surveys were completed for Great Bay, and are near completion for Little Bay and the Bellamy River. Surveys for Hampton/Seabrook Harbor, the Cocheco River, Salmon Falls River, and the Upper Piscataqua River have been initiated and are scheduled for completion in 2005.

## Introduction

The New Hampshire Department of Environmental Services (NHDES), under the authority granted by RSA 143:21 and 143:21-a, is responsible for classifying shellfish growing waters in the State of New Hampshire. The purpose of conducting shellfish water classifications is to determine if growing waters meet standards for human consumption of molluscan shellfish. NHDES uses a set of guidelines and standards known as the National Shellfish Sanitation Program (NSSP) for classifying shellfish growing waters. These guidelines were collaboratively developed by state agencies, the commercial shellfish industry, and the federal government in order to provide uniform regulatory standards for the commercial shellfish industry. The NSSP is used by NHDES to classify all growing waters, whether used for commercial or recreational harvesting, because these standards provide a reliable methodology to protect public health. Furthermore, RSA 485-A:8 (V) states that "Those tidal waters used for growing or taking of shellfish for human consumption shall, in addition to the foregoing requirements, be in accordance with the criteria recommended under the National Shellfish Program Manual of Operation, United States Department of Food and Drug Administration."

This report presents program activities and data generated from January 2004 to December 2004, focusing on projects completed with NH Estuaries Project grant funding.

## Project Goals and Objectives

The NHDES Shellfish Program, in partnership with the NH Estuaries Project, is pursuing a goal of completing sanitary surveys of all shellfish growing waters by the end of 2005. Sanitary survey reports will help describe water quality status and trends in shellfish growing areas, outline future activities to improve water quality, and ultimately expand harvesting opportunities. Specific objectives for 2004 activities were to:

- Evaluate the sanitary quality of the state's shellfish waters.
- Support specific activities associated with sanitary surveys including shoreline surveys for pollution sources, ambient water quality monitoring, and a variety of studies to evaluate relevant hydrographic and meteorologic factors.
- Provide opportunities for citizen involvement in the state Shellfish Program.

These objectives support implementation of the following NH Estuaries Project Management Plan "Action Plans:"

- SHL1: Implement National Shellfish Sanitation Program guidance to develop an FDA-certified shellfish program.
- SHL-2: Identify sources of and reduce or eliminate contaminants in the NH estuaries watersheds.
- SHL4: Enhance funding to maintain a comprehensive shellfish program.

- SHL5: Regularly collect and monitor water quality to identify sources and reduce or eliminate contaminants.
- SHL6: Periodically collect and monitor shellfish tissue samples as appropriate for toxins and biotoxins.
- SHL13: Update materials and improve distribution of shellfish-related information.
- SHL14: Provide for direct citizen involvement in NH shellfish management decisions.
- WQ5: Conduct shoreline surveys for pollution sources

The activities supported by NHEP funding include a portion of a basic program administration, monitoring of shellfish growing areas for contaminants, and the development of sanitary surveys for selected growing areas.

## Activities and Results

### Shellfish Program Administration

#### *Office and Staffing*

General program administration includes a number of activities, such as maintenance of a program office at the NHDES Field Office on the Pease International Tradeport, upkeep of coastal vessels for sampling activities, and others. During the project period, the program was staffed with a full-time program manager, a full-time program specialist, and an NHEP-funded, part-time program intern.

#### *Annual Reports*

The general program annual report for 2003, which summarizes all program activities, which presents data from the program's numerous monitoring activities and provides official updates to all shellfish growing area classifications, was released in the summer of 2004. Staff have begun drafting the program's 2004 Annual Report, which is targeted for completion in June 2005. In addition, staff have drafted NSSP-required annual classification reviews for the Atlantic Coast, Oyster River, and the Hampton Falls and Taylor rivers, as well as a triennial review of the classification for Little Harbor.

#### *FDA Program Review*

The U.S. Food and Drug Administration periodically reviews the NHDES Shellfish Program to ensure compliance with all relevant aspects of the National Shellfish Sanitation Program. For the most recent program review, staff met with FDA several times during the year to perform site visits, review files, and other activities to help FDA evaluate the program. FDA issued its report in November 2004, finding the NHDES Shellfish Program to be in compliance with the relevant aspects of the NSSP.

### Shellfish Program Sanitary Surveys

#### *Pollution Source Surveys*

In support of sanitary survey development, a wide range of activities to identify, document, sample, and evaluate pollution sources in and near shellfish growing waters were undertaken in 2004. Targeted inspections and sampling of previously-identified sources was emphasized to complete sanitary surveys for selected growing areas (Great Bay, Little Bay, Bellamy River), or to collected data needed for annual/triennial sanitary survey reviews (e.g., Little Harbor). Table 1 gives an overview of the types of shoreline sampling activities and level of effort undertaken in 2004. All sampling results are presented in Appendix 1.

Table 1: Overview of Pollution Source Sampling and Evaluation Activities

| Waterbody | # Sampling Runs | # Samples | Comments |
|---|---|---|---|
| Little Harbor/Back Channel | 3 | 7 | Dry weather monitoring |
| Lower Little Bay | 3 | 3 | Dry and wet weather monitoring |
| Squamscott River | 1 | 5 | Wet weather monitoring |
| Great Bay | 15 | 157 | Dry and wet weather monitoring, source impact evaluation sampling |

The Great Bay shoreline survey revealed several pollution sources with potentially significant bacterial loading to Great Bay. Hence, a great deal of activity was focused on evaluating the degree to which these sources affect the water quality in Great Bay. The results of these efforts were used to reclassify Great Bay, including the establishment of three new areas closed for harvesting (Crommet Creek, Pickering Brook, and Fabyan Point).

*Miscellaneous Pollution Source Evaluation Studies*

In 2004, this activity involved conducting dye studies of coastal wastewater treatment facilities. In March, the Shellfish Program published a report summarizing results from a dye study on the Exeter WWTF. This report was used to classify the Squamscott River as a Prohibited/Safety Zone. An April 2004 dye study on the Newmarket WWTF was conducted as a follow-up to the November 2003 study. A final report on the Newmarket facility was issued in August 2004, and used to classify the Lamprey River as a Prohibited/Safety Zone. Finally, flooding tide and ebbing tide dye studies were conducted on the Dover WWTF in June 2004 and September 2004, respectively. The report on these studies, done in cooperation with the USEPA, USFDA, and Maine Department of Marine Resources, will be issued in 2005 and used in the sanitary survey report for the Upper Piscataqua River.

*Overall Sanitary Survey Schedule*

NHDES has a goal of surveying all shellfish growing areas by the end of 2005. The following gives an overview of progress toward that goal, and the status of each project that is currently underway:

- Bellamy River: Sanitary survey begun in 2001. Shoreline survey is complete. Final report tentatively scheduled for winter 2005.
- Hampton/Seabrook and Associated Tributaries: Sanitary survey begun in 2000. Updated shoreline survey and final sanitary survey planned for 2005.
- Little Bay: Sanitary survey begun in 2001. Shoreline survey is complete. Final report tentatively scheduled for winter 2005.
- Upper Piscataqua River: Sanitary survey begun in 2002. Shoreline survey sampling (wet and dry weather) was completed in 2003. Source evaluation is scheduled for 2005. A dye study of the Dover WWTF conducted in 2005, report scheduled for 2005. Final sanitary survey report scheduled for 2005.
- Cocheco River: Shoreline survey sampling (wet and dry weather) was completed in 2003. Source evaluation and sanitary survey report scheduled 2005.
- Salmon Falls River: Shoreline survey sampling (wet and dry weather) was completed in 2003. Source evaluation and sanitary survey report scheduled 2005.

Table 2: Status of Coastal New Hampshire Sanitary Surveys

| Waterbody | Property Documentation | Source Surveys | Source Sampling | | Source Evaluation | Comments | Final Report |
|---|---|---|---|---|---|---|---|
| | | | Dry | Wet | | | |
| Atlantic Coast | DONE | DONE | DONE | DONE | DONE | Triennial review conducted in 2003. | Dec 2000 |
| Bellamy River | DONE | DONE | DONE | DONE | DONE | Report in draft | Winter 2005 (planned) |
| Cocheco River | DONE | DONE | DONE | DONE | | Source evaluation to begin spring 2005. | 2005 (planned) |
| Great Bay | DONE | DONE | DONE | DONE | DONE | Report done. | January 2005 |
| Hampton-Seabrook | DONE | DONE | DONE | DONE | | Selected shore walks, studies, etc. ongoing. | 2005 (planned) |
| Hampton Falls, Taylor Rivers | DONE | DONE | DONE | DONE | DONE | Triennial review scheduled for 2005. | April 2002 |
| Hampton/Sea-brook Tribs. | PARTIALLY DONE | | | | | Increased sampling on Blackwater River, Mill Creek studies ongoing | 2005 (planned) |
| Lamprey River | | | | | | Included in the Great Bay Sanitary Survey | January 2005 |
| Little Harbor, Back Channel | DONE | DONE | DONE | DONE | DONE | Triennial review in draft | Dec 2001 |
| Lower Little Bay | DONE | DONE | DONE | DONE | DONE | Report in draft | Winter 2005 (planned) |
| Lower Piscataqua River | | | | | | Not scheduled; area likely to be in WWTF safety zone. | |
| Oyster River | DONE | DONE | DONE | DONE | DONE | Triennial review scheduled for 2006. | Apr 2003 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | **Source Sampling** | | | | |
| Portsmouth Harbor | | | | | | Not scheduled; area likely to be in WWTF safety zone. | |
| Rye Harbor | | | | | | Not scheduled. | |
| Salmon Falls River | DONE | DONE | DONE | DONE | | Source evaluation to begin spring 2005. | 2005 (planned) |
| Squamscott River | | | | | | Included in the Great Bay Sanitary Survey | January 2005. |
| Upper Little Bay | DONE | DONE | DONE | DONE | | Report in draft | Winter 2005 (planned) |
| Upper Piscataqua River | DONE | DONE | DONE | DONE | | Source evaluation to begin spring 2005. | 2005 (planned) |
| Winnicut River | DONE | DONE | DONE | DONE | DONE | Included in the Great Bay Sanitary Survey | January 2005. |

Shellfish Program Water Quality Monitoring

*Ambient Sampling*

Ambient water sampling for fecal coliform bacteria is a core function of the program. It largely consists of prescheduled "systematic random" sampling, conducted to comply with NSSP requirements for annually evaluating the classification of each growing area. This program was completed on schedule in all areas in 2004, with 1,296 samples collected during 140 sampling runs. 2004 ambient data are summarized in Table 3, and listed in Appendix 2. Sampling stations are depicted in Figures 1-5.

Table 3: Summary of 2004 Ambient Water Sampling

| **Area** | **Routine Sampling** | | **Post Rainfall Sampling** | | **Closure Condition Sampling** | | **Other Sampling*** | |
|---|---|---|---|---|---|---|---|---|
| | **# Runs** | **#Samples** | **# Runs** | **#Samples** | **# Runs** | **#Samples** | **# Runs** | **#Samples** |
| Hampton Harbor | 13 | 209 | 20 | 54 | 2 | 14 | 4 | 32 |
| Great Bay Estuary | 11 | 244 | 0 | 0 | 8 | 63 | 8 | 51 |
| Little Harbor | 8 | 96 | 10 | 11 | 3 | 3 | 23 | 187 |
| Atlantic Coast | 22 | 246 | 0 | 0 | 4 | 42 | 4 | 44 |
| TOTAL | 54 | 795 | 30 | 65 | 17 | 122 | 39 | 314 |

*includes sampling associated with rainfall studies, TMDL projects, baseline tissue sampling, and others

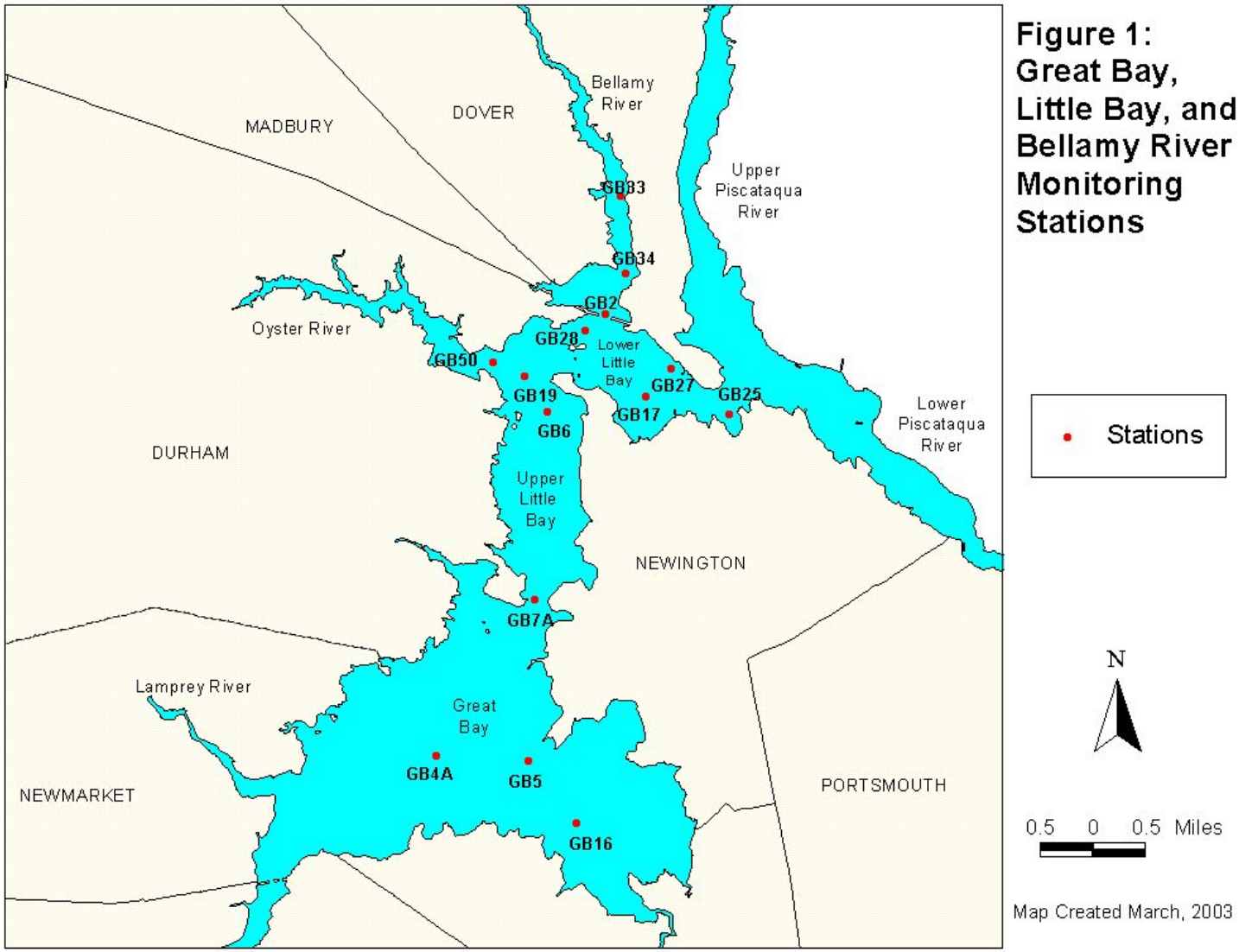


**Figure 1: Great Bay, Little Bay, and Bellamy River Monitoring Stations**

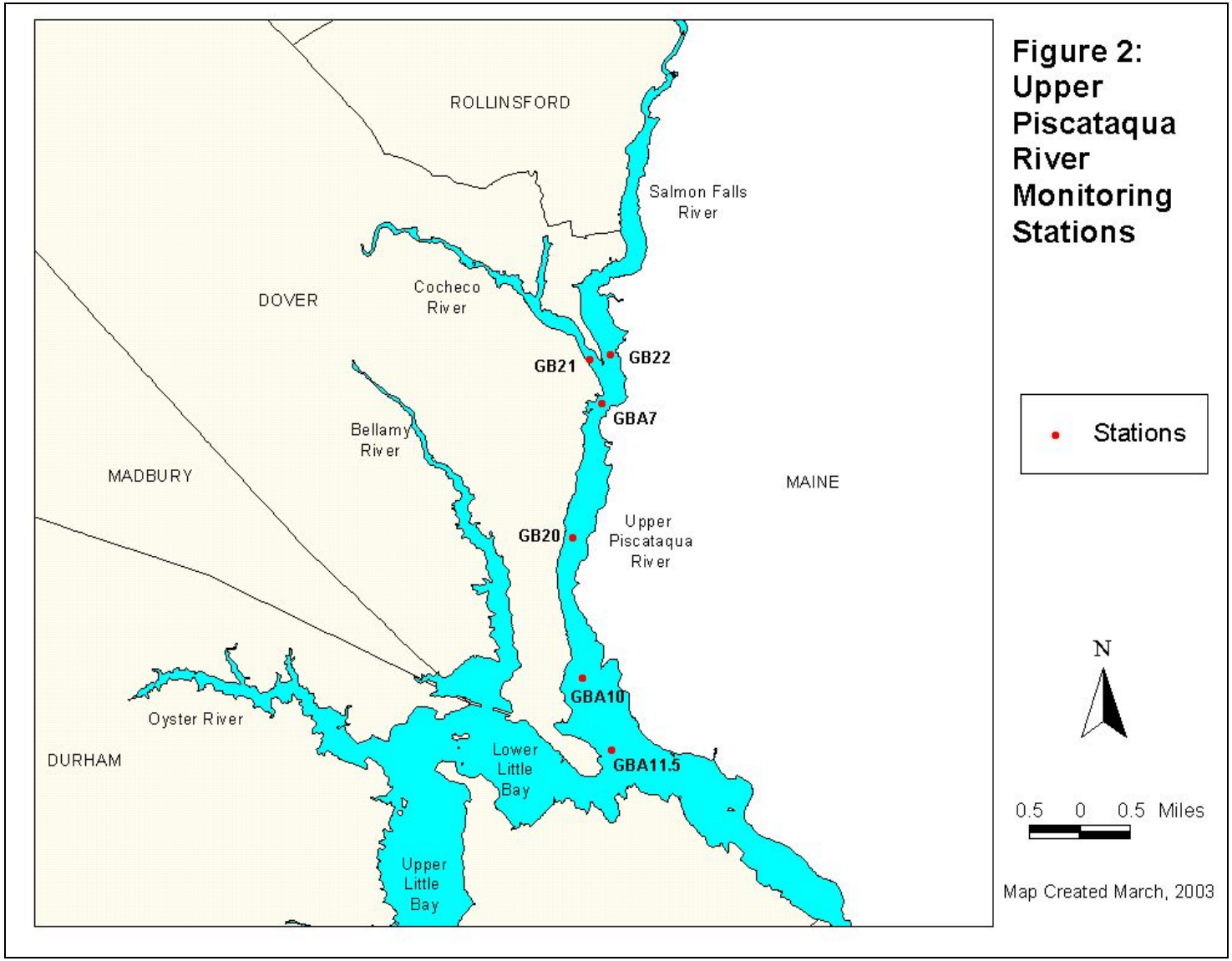


**Figure 2: Upper Piscataqua River Monitoring Stations**

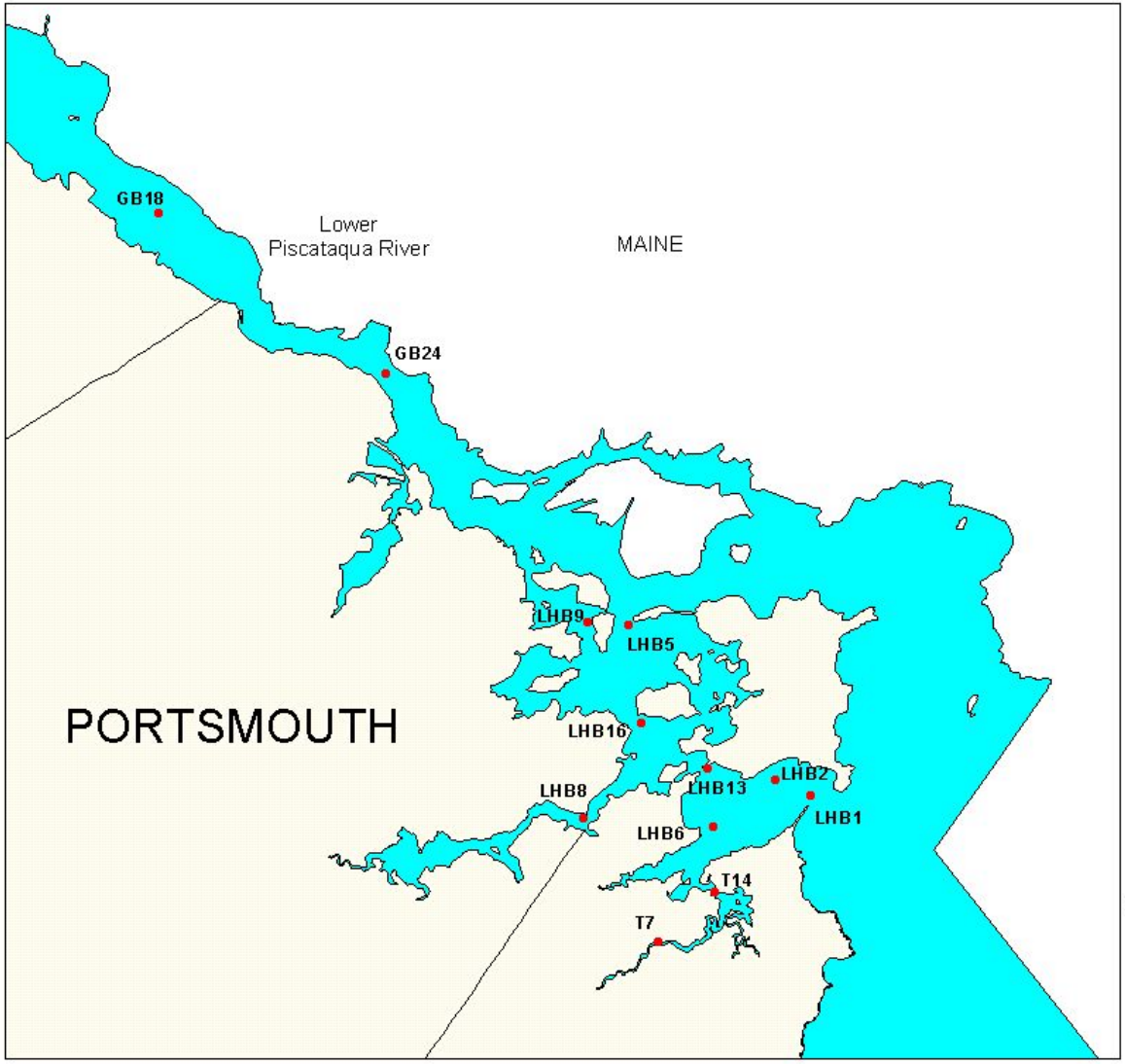


**Figure 3: Lower Piscataqua River, Little Harbor and Back Channel Monitoring Stations**

Stations

N

0.2 0 0.20.4 Miles

Map Created March, 2003

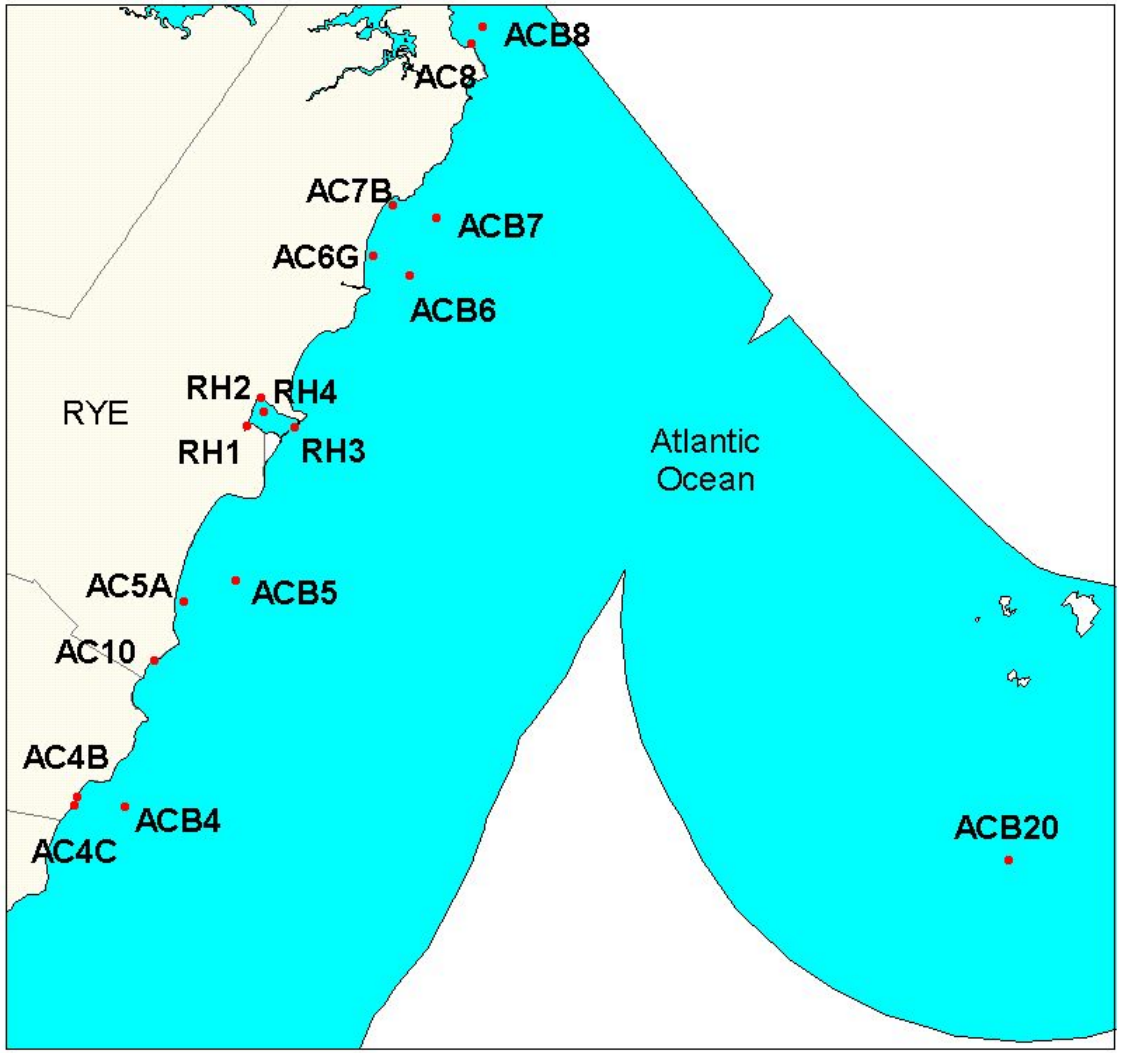


**Figure 4a: Atlantic Coast (North) and Rye Harbor Monitoring Sites**

Sites

Map Created
January, 2004

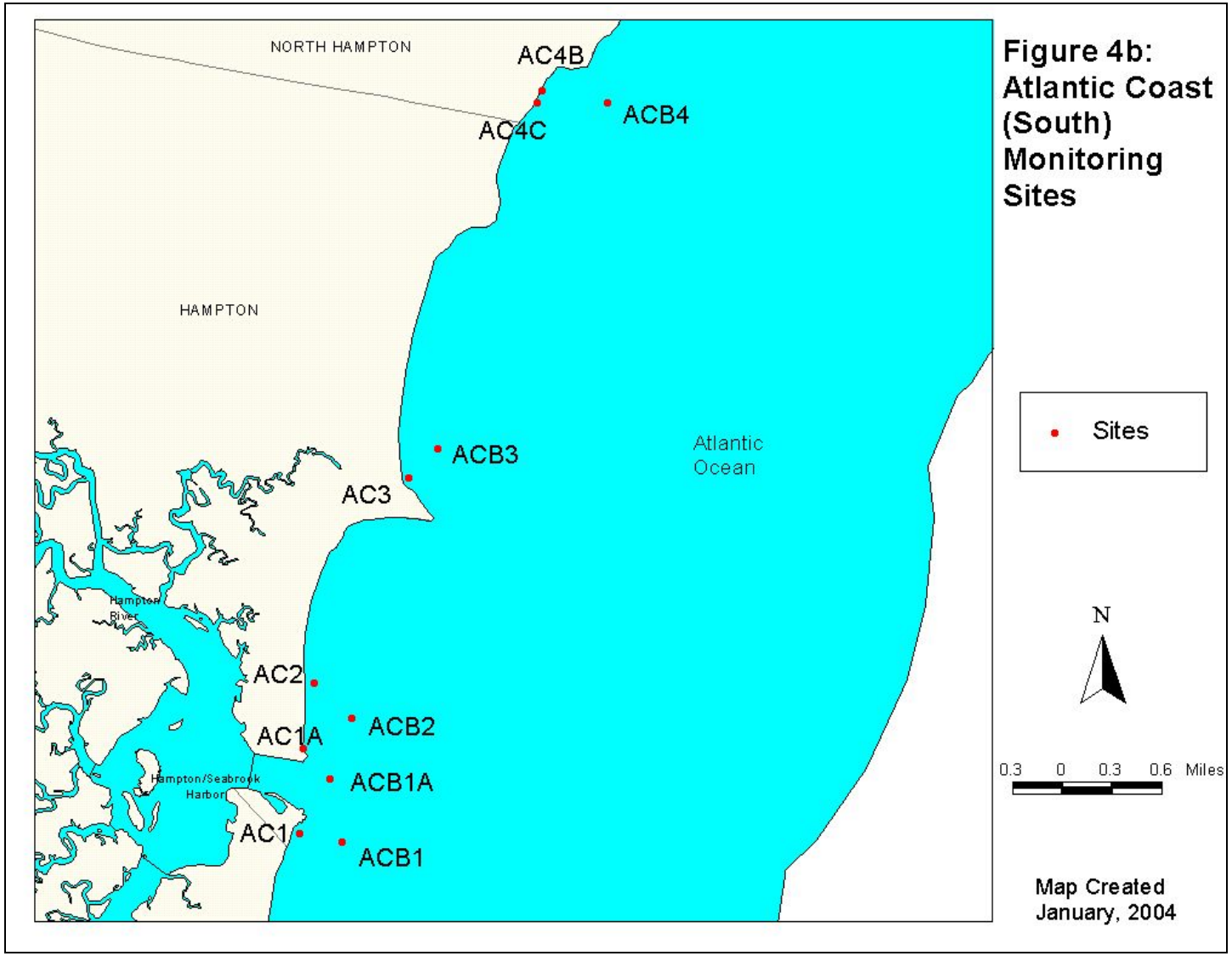


**Figure 4b: Atlantic Coast (South) Monitoring Sites**

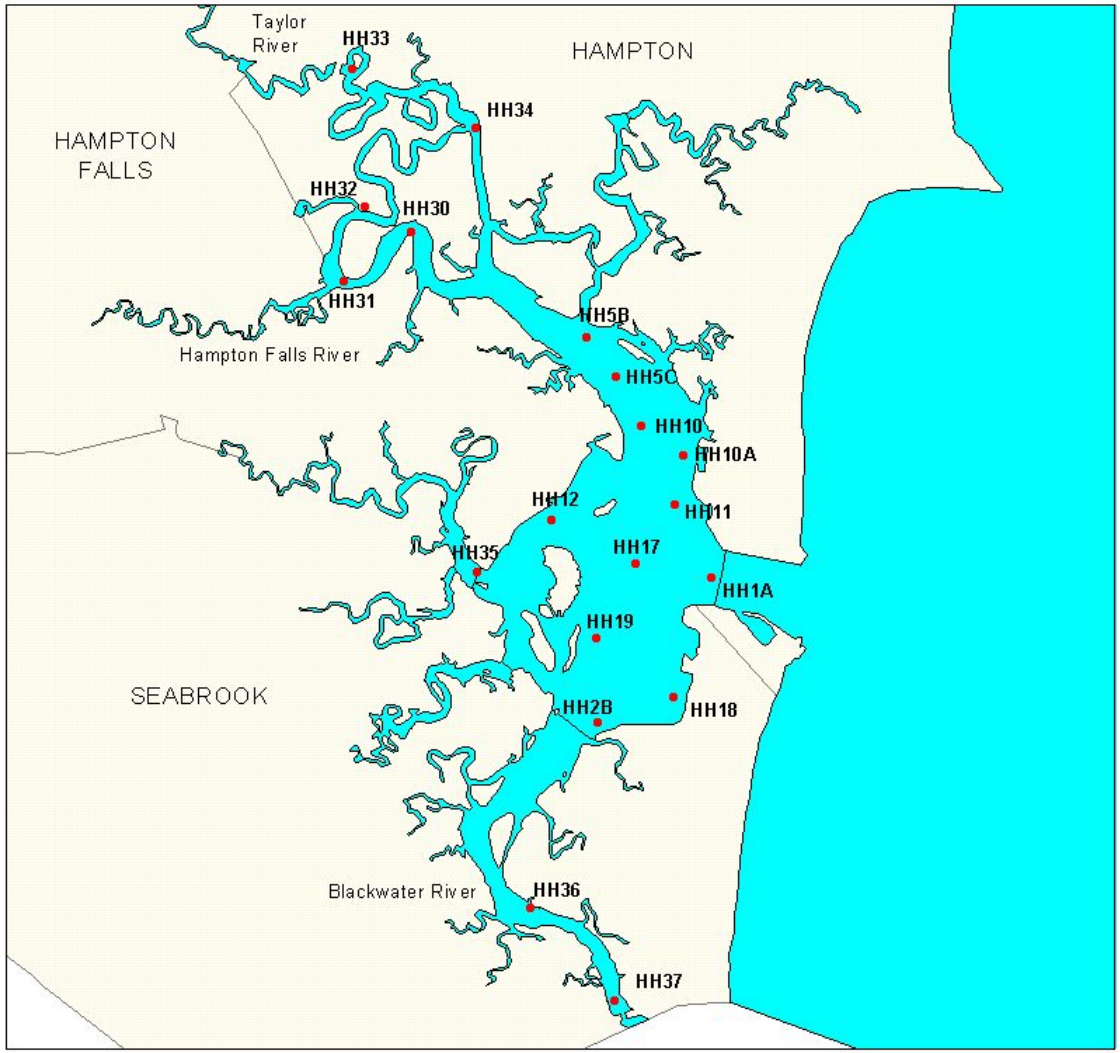


**Figure 5: Hampton/ Seabrook Estuary Monitoring Sites**

Sites

N

0.2 0 0.2 Miles

Map Created January, 2004

*Post Rainfall Sampling*

Post rainfall sampling of water and shellfish tissue is conducted following selected rainfall events in "conditionally approved" areas, to document the nature of water quality impacts, and to generate data to drive decisions on opening/closing growing areas. In 2004, this type of sampling was conducted in Hampton/Seabrook Harbor and in Little Harbor. The ranges of fecal coliform concentrations observed for all 2004 post rainfall sampling runs are presented in Table 4.

Table 4: 2004 Post Rainfall Sampling Results

| Hampton/Seabrook Harbor | | | Little Harbor | | |
|---|---|---|---|---|---|
| **Date** | Water FC per100ml | Meat FC per100g | **Date** | Water FC per100ml | Meat FC per100g |
| 2/9/04 | 2 | 230 | 3/29/04 | 2 | 170 |
| 3/23/04 | 2-13 | 45 | 4/20/04 | 22 | 270 |
| 3/29/04 | 2 | 140 | 4/28/04 | 2 | 78 |
| 4/19/04 | 11-13 | 130 | 5/5/04 | 21 | 790 |
| 4/26/04 | 13 | 130 | 5/11/04 | 2 | 230 |
| 4/28/04 | 2 | 20-1700 | 11/8/04 | 2 | 20-45 |
| 5/5/04 | 17-46 | 330-490 | 12/2/04 | 220 | 330 |
| 5/10/04 | 7.8-17 | 460-16000 | 12/8/04 | 130 | 330 |
| 5/12/04 | 2 | 78-700 | 12/15/04 | 13 | 1700 |
| 5/19/04 | 120 | 330 | 12/28/04 | 17 | 20 |
| 11/2/04 | 23-130 | 45-2400 | | | |
| 11/4/04 | 2-130 | --- | | | |
| 11/8/04 | 4.5-7.8 | 45-170 | | | |
| 11/30/04 | 49-130 | 170-230 | | | |
| 12/2/04 | 33-540 | 170-230 | | | |
| 12/6/04 | 4-11 | 45 | | | |
| 12/8/04 | 2-22 | 45-78 | | | |
| 12/9/04 | 2-13 | | | | |
| 12/14/04 | 6.8-23 | 20 | | | |
| 12/28/04 | 33 | 68 | | | |

For the January-May and November-December harvesting season in Hampton/Seabrook, there were 30 days (Saturday) on which harvesting could have been allowed. The area was open on 16 of those days (53%), most of which were openings that were made possible because of the post-rainfall sampling program – per NSSP guidelines, rainfall closures must remain in place for a period of 14 days after the rain ends. This closure period can be shortened if water and meat testing verifies that bacteria concentrations have returned to acceptable levels. This program is a key component to maximizing the time that recreational shellfish harvesters can dig clams in Hampton/Seabrook.

*Closed Status Sampling*

Closed status sampling is initiated after harvesting closures such as those implemented following heavy rainfall events, wastewater treatment plant upsets, or discharges of large volumes of improperly treated sewage. The data are used to drive decisions on when a reopening of the growing area is appropriate. The 2004 program included both water and tissue sampling (Table 5). Sewage discharge and heavy rainfall events that triggered sampling in 2004 included:

- 4/1 combined sewer overflow in Exeter, and heavy rainfall on 4/1-2 (all areas closed to harvesting)
- 5/22-24 heavy rainfall (all areas closed to harvesting)
- 7/25 pump station discharge/overflow to Bellamy River (no closure needed)
- 8/12-13 heavy rainfall (all areas closed to harvesting)

Closures were implemented following all events except the July 25 event, which occurred when the adjacent growing areas were already closed for the summer.

Table 5: 2004 Closed Status Shellfish Tissue Bacteria Levels

| Area | Date | Water FC MPN/100ml | Meat FC MPN/100g |
|---|---|---|---|
| Great Bay | 4/1/04 | 78 | |
| Atlantic Coast | 4/4/04 | 2-33 | |
| Great Bay | 4/4/04 | 79 | 2400 |
| Little Harbor | 4/4/04 | 49 | 3500 |
| Hampton Harbor | 4/5/04 | 2 | 45-130 |
| Great Bay | 4/6/04 | 22-27 | 490-790 |
| Little Harbor | 4/6/04 | 17 | 490 |
| Hampton Harbor | 4/7/04 | 2-9.3 | 170-230 |
| Great Bay | 4/12/04 | 2 | 78-130 |
| Little Harbor | 4/12/04 | 2 | 78 |
| Atlantic Coast | 6/1/04 | 2-49 | |
| Great Bay | 6/2/04 | 4.5-33 | 170-230 |
| Great Bay | 7/26/04 | 2-11 | |
| Atlantic Coast | 8/16/04 | 2-49 | |
| Great Bay | 8/16/04 | 4.5-79 | 330-1400 |
| Atlantic Coast | 8/17/04 | 2-6.8 | |
| Great Bay | 8/18/04 | 2-130 | 61-130 |

## Shellfish Biotoxin Monitoring

The waters of the Gulf of Maine are prone to "blooms" of phytoplankton that can produce potent neurotoxins, and filter-feeding shellfish can accumulate concentrations of these toxins such that the shellfish themselves become a public health threat to consumers. For this reason, the NHDES maintains a biotoxin monitoring program, focused on Paralytic Shellfish Poisoning (PSP).

The 2004 monitoring program included weekly sampling of blue mussels from Hampton/Seabrook Harbor for the period of April through October, as well as May through September sampling at Star Island, Isles of Shoals. After a series of low (<44) PSP levels to start the PSP monitoring season, a slight increase in toxicity was observed in early June. Levels remained low all summer until mid August, when PSP toxin levels began to increase. A sharp increase to dangerous levels was observed on 8/31/04, prompting a closure of all offshore waters for most of the month of September. A precautionary closure of inshore Atlantic waters was implemented at the same time because additional sampling was not possible due to the upcoming Labor Day weekend. Subsequent sampling in Hampton and Rye confirmed that nearshore PSP toxin levels had not increased, and the nearshore closure was lifted on 9/10/04. A total of 57 samples were collected in 2004 (Appendix 4).

## Citizen Involvement in the NHDES Shellfish Program

The primary conduit of citizen involvement in the NHDES Shellfish Program is through the NHEP Shellfish Team. At the December 1, 2004 meeting, the team was asked to review progress on the NHEP goal of completing sanitary surveys for all growing areas by 2005. In particular , DES Shellfish Program staff reviewed areas for which sanitary surveys were not yet scheduled, and discussed the feasibility of conducting surveys in these areas with the Shellfish Team. The result of these discussions were a revised goal, as the team and DES agreed that it did not make sense to attempt sanitary surveys in all areas (e.g., North Mill Pond, South Mill Pond, Rye Harbor, and others). Other areas should be examined, but will be surveyed as future time and resources allow.

In addition to NHEP Shellfish Team meetings, the NHDES Shellfish Program engages the public through a number of outreach initiatives. The most significant of these is the development and maintenance of the program website, which not only gives information relevant to recreational harvesting (maps, FAQs, tide charts, information on openings/closings), but also provides access to a number of shellfish-related reports. Other outreach initiatives during the project period included participation in the Great Bay Coast Watch's "Shellfish Forum" in Hampton in September 2004, and the preparation of a fact sheet on "Rainfall Closures of Shellfish Harvesting Areas."

## Conclusions and Recommendations

The NHDES Program should continue with basic program implementation, including routine monitoring of waters for bacteria and PSP levels. Rainfall studies and pre/post rainfall sampling of waters and shellfish tissues is a valuable part of the program, not only for establishing realistic rainfall closure criteria, but also for improving management decisions and harvesting opportunities by ensuring that closures are not implemented when post rainfall bacteria levels are low. Shoreline survey work in 2005 will emphasize completion of pollution source evaluations in many growing areas, with a goal of completing sanitary surveys for the Upper Piscataqua River, Cocheco River, Salmon Falls River, and Hampton/Seabrook Harbor.

**Appendix 1**
**2004 Pollution Source Sampling (Fecal Coliform) Data**

All sampling was done in accordance with EPA-approved Quality Assurance Project Plans. Documentation of laboratory QA checks is on file with the analytical laboratories.

| Station | Date | FC Result |
|---|---|---|
| GBPS020 | 6/23/04 | =1300CTS/100ML |
| GBPS022 | 6/23/04 | <10CTS/100ML |
| GBPS078 | 6/23/04 | =390CTS/100ML |
| GBPS020 | 7/7/04 | =150CTS/100ML |
| GBPS022 | 7/7/04 | =10CTS/100ML |
| GBPS078 | 7/7/04 | =410CTS/100ML |
| GBPS020 | 7/14/04 | =820CTS/100ML |
| GBPS022 | 7/14/04 | <10CTS/100ML |
| GBPS078 | 7/14/04 | <10CTS/100ML |
| GBS3 | 9/15/04 | =10CTS/100ML |
| GBS4 | 9/15/04 | =10CTS/100ML |
| GBS5 | 9/15/04 | <10CTS/100ML |
| GBS6 | 9/15/04 | =10CTS/100ML |
| GBS7 | 9/15/04 | <10CTS/100ML |
| GBS1 | 9/23/04 | =70CTS/100ML |
| GBS10 | 9/23/04 | =40CTS/100ML |
| GBS11 | 9/23/04 | <10CTS/100ML |
| GBS2 | 9/23/04 | =50CTS/100ML |
| GBS3 | 9/23/04 | =40CTS/100ML |
| GBS4 | 9/23/04 | =10CTS/100ML |
| GBS5 | 9/23/04 | =20CTS/100ML |
| GBS6 | 9/23/04 | =10CTS/100ML |
| GBS7 | 9/23/04 | <10CTS/100ML |
| GBS8 | 9/23/04 | <10CTS/100ML |
| GBS9 | 9/23/04 | =5CTS/100ML |
| GBPS001 | 9/30/04 | <10CTS/100ML |
| GBPS078 | 9/30/04 | =10CTS/100ML |
| GBPS082 | 9/30/04 | =80CTS/100ML |
| GBS1 | 9/30/04 | =10CTS/100ML |
| GBS10 | 9/30/04 | <5CTS/100ML |
| GBS11 | 9/30/04 | =10CTS/100ML |
| GBS12 | 9/30/04 | <10CTS/100ML |
| GBS2 | 9/30/04 | =10CTS/100ML |
| GBS3 | 9/30/04 | <10CTS/100ML |
| GBS4 | 9/30/04 | <10CTS/100ML |
| GBS5 | 9/30/04 | =20CTS/100ML |
| GBS6 | 9/30/04 | <10CTS/100ML |
| GBS7 | 9/30/04 | =10CTS/100ML |

| | | |
|---|---|---|
| GBS8 | 9/30/04 | =10CTS/100ML |
| GBS9 | 9/30/04 | =10CTS/100ML |
| GBPS001 | 10/7/04 | <10CTS/100ML |
| GBPS078 | 10/7/04 | <10CTS/100ML |
| GBPS082 | 10/7/04 | =50CTS/100ML |
| GBS1 | 10/7/04 | =20CTS/100ML |
| GBS10 | 10/7/04 | =5CTS/100ML |
| GBS11 | 10/7/04 | <10CTS/100ML |
| GBS12 | 10/7/04 | <10CTS/100ML |
| GBS2 | 10/7/04 | <10CTS/100ML |
| GBS3 | 10/7/04 | <10CTS/100ML |
| GBS4 | 10/7/04 | <10CTS/100ML |
| GBS5 | 10/7/04 | <10CTS/100ML |
| GBS6 | 10/7/04 | =10CTS/100ML |
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| GBPS082 | 10/13/04 | =30CTS/100ML |
| GBS1 | 10/13/04 | <10CTS/100ML |
| GBS10 | 10/13/04 | =20CTS/100ML |
| GBS11 | 10/13/04 | <10CTS/100ML |
| GBS12 | 10/13/04 | <10CTS/100ML |
| GBS2 | 10/13/04 | <10CTS/100ML |
| GBS3 | 10/13/04 | =10CTS/100ML |
| GBS4 | 10/13/04 | <10CTS/100ML |
| GBS5 | 10/13/04 | <10CTS/100ML |
| GBS6 | 10/13/04 | <10CTS/100ML |
| GBS7 | 10/13/04 | <10CTS/100ML |
| GBS8 | 10/13/04 | <10CTS/100ML |
| GBS9 | 10/13/04 | <10CTS/100ML |
| GBPS001 | 10/21/04 | =210CTS/100ML |
| GBPS078 | 10/21/04 | =20CTS/100ML |
| GBPS082 | 10/21/04 | =30CTS/100ML |
| GBS1 | 10/21/04 | <10CTS/100ML |
| GBS10 | 10/21/04 | =60CTS/100ML |
| GBS11 | 10/21/04 | <10CTS/100ML |
| GBS12 | 10/21/04 | <10CTS/100ML |
| GBS2 | 10/21/04 | =10CTS/100ML |
| GBS3 | 10/21/04 | =30CTS/100ML |
| GBS4 | 10/21/04 | =20CTS/100ML |
| GBS5 | 10/21/04 | =10CTS/100ML |
| GBS6 | 10/21/04 | =10CTS/100ML |
| GBS7 | 10/21/04 | <10CTS/100ML |
| GBS8 | 10/21/04 | <10CTS/100ML |

| | | |
|---|---|---|
| GBS9 | 10/21/04 | <10CTS/100ML |
| GBPS001 | 10/25/04 | =20CTS/100ML |
| GBPS078 | 10/25/04 | =10CTS/100ML |
| GBPS082 | 10/25/04 | =80CTS/100ML |
| GBS1 | 10/25/04 | =10CTS/100ML |
| GBS10 | 10/25/04 | =20CTS/100ML |
| GBS11 | 10/25/04 | <10CTS/100ML |
| GBS12 | 10/25/04 | =10CTS/100ML |
| GBS2 | 10/25/04 | <10CTS/100ML |
| GBS3 | 10/25/04 | =10CTS/100ML |
| GBS4 | 10/25/04 | <10CTS/100ML |
| GBS5 | 10/25/04 | =10CTS/100ML |
| GBS6 | 10/25/04 | <10CTS/100ML |
| GBS7 | 10/25/04 | <10CTS/100ML |
| GBS8 | 10/25/04 | <10CTS/100ML |
| GBS9 | 10/25/04 | <10CTS/100ML |
| GBPS001 | 11/4/04 | =70CTS/100ML |
| GBPS078 | 11/4/04 | =20CTS/100ML |
| GBPS082 | 11/4/04 | =20CTS/100ML |
| GBS1 | 11/4/04 | =10CTS/100ML |
| GBS10 | 11/4/04 | =20CTS/100ML |
| GBS10A | 11/4/04 | =5CTS/100ML |
| GBS11 | 11/4/04 | <10CTS/100ML |
| GBS12 | 11/4/04 | =50CTS/100ML |
| GBS2 | 11/4/04 | =10CTS/100ML |
| GBS3 | 11/4/04 | <10CTS/100ML |
| GBS4 | 11/4/04 | =20CTS/100ML |
| GBS5 | 11/4/04 | <10CTS/100ML |
| GBS6 | 11/4/04 | <10CTS/100ML |
| GBS7 | 11/4/04 | <10CTS/100ML |
| GBS8 | 11/4/04 | <10CTS/100ML |
| GBS9 | 11/4/04 | <10CTS/100ML |
| GBPS001 | 11/10/04 | <10CTS/100ML |
| GBPS078 | 11/10/04 | <10CTS/100ML |
| GBPS082 | 11/10/04 | <10CTS/100ML |
| GBS1 | 11/10/04 | =30CTS/100ML |
| GBS10 | 11/10/04 | =20CTS/100ML |
| GBS10A | 11/10/04 | =10CTS/100ML |
| GBS11 | 11/10/04 | <10CTS/100ML |
| GBS12 | 11/10/04 | <10CTS/100ML |
| GBS2 | 11/10/04 | =10CTS/100ML |
| GBS3 | 11/10/04 | =20CTS/100ML |
| GBS4 | 11/10/04 | <10CTS/100ML |
| GBS5 | 11/10/04 | =10CTS/100ML |
| GBS6 | 11/10/04 | <10CTS/100ML |
| GBS7 | 11/10/04 | <10CTS/100ML |

| | | |
|---|---|---|
| GBS8 | 11/10/04 | <10CTS/100ML |
| GBS9 | 11/10/04 | <10CTS/100ML |
| GBPS001 | 11/22/04 | <10CTS/100ML |
| GBPS078 | 11/22/04 | =10CTS/100ML |
| GBPS082 | 11/22/04 | =140CTS/100ML |
| GBS1 | 11/22/04 | <10CTS/100ML |
| GBS10 | 11/22/04 | <5CTS/100ML |
| GBS10A | 11/22/04 | =10CTS/100ML |
| GBS11 | 11/22/04 | =10CTS/100ML |
| GBS12 | 11/22/04 | <10CTS/100ML |
| GBS2 | 11/22/04 | <10CTS/100ML |
| GBS3 | 11/22/04 | =20CTS/100ML |
| GBS4 | 11/22/04 | <10CTS/100ML |
| GBS5 | 11/22/04 | <10CTS/100ML |
| GBS6 | 11/22/04 | <10CTS/100ML |
| GBS7 | 11/22/04 | <10CTS/100ML |
| GBS8 | 11/22/04 | =10CTS/100ML |
| GBS9 | 11/22/04 | <10CTS/100ML |
| GBPS001 | 11/29/04 | >2000CTS/100ML |
| GBPS078 | 11/29/04 | >2000CTS/100ML |
| GBPS082 | 11/29/04 | =180CTS/100ML |
| GBPS014 | 12/10/04 | =30CTS/100ML |
| GBPS014 | 12/10/04 | =40CTS/100ML |
| GBPS014 | 12/10/04 | =60CTS/100ML |
| GBPS014A | 12/10/04 | =10CTS/100ML |
| GBPS014A | 12/10/04 | =20CTS/100ML |
| GBPS014A | 12/10/04 | =30CTS/100ML |
| LHPS006 | 7/7/04 | <10CTS/100ML |
| LHPS033 | 6/23/04 | <10CTS/100ML |
| LHPS050 | 6/21/04 | =10CTS/100ML |
| LHPS050 | 6/23/04 | =10CTS/100ML |
| LHPS127 | 6/21/04 | =120CTS/100ML |
| LHPS127 | 6/23/04 | =370CTS/100ML |
| LHPS149 | 6/23/04 | <5CTS/100ML |
| LLBPS041 | 6/21/04 | <10CTS/100ML |
| LLBPS041 | 7/7/04 | =10CTS/100ML |
| LLBPS041 | 7/14/04 | =190CTS/100ML |
| SQMPS007 | 4/1/04 | =79000MPN |
| SQMPS009 | 4/1/04 | =1300000MPN |
| SQMPS009 | 4/1/04 | =3500000MPN |
| SQMPS010 | 4/1/04 | =20MPN |
| SQMPS010 | 4/1/04 | <20MPN |

## Appendix 2
## 2004 Ambient Fecal Coliform Data

All sampling was done in accordance with EPA-approved Quality Assurance Project Plans. Documentation of laboratory QA checks is on file with the analytical laboratories.

| STATION | DATE | WTEMP | WFC | SALIN | PH | PROJTYPE |
|---|---|---|---|---|---|---|
| LHB1 | 02-Feb-04 | 0 | =70 | 34 | 7.89 | SYS RANDOM |
| LHB13 | 02-Feb-04 | -0.5 | =33 | 33 | 7.88 | SYS RANDOM |
| LHB16 | 02-Feb-04 | -1.5 | =79 | 33 | 7.9 | SYS RANDOM |
| LHB2 | 02-Feb-04 | 0 | =17 | 33 | 7.86 | SYS RANDOM |
| LHB5 | 02-Feb-04 | -1 | <2 | 32 | 7.85 | SYS RANDOM |
| LHB6 | 02-Feb-04 | -0.5 | =17 | 33 | 7.91 | SYS RANDOM |
| LHB8 | 02-Feb-04 | -1 | =14 | 33 | 7.9 | SYS RANDOM |
| LHB9 | 02-Feb-04 | 0 | =26 | 33 | 7.86 | SYS RANDOM |
| T13 | 02-Feb-04 | -0.5 | =22 | 33 | 7.85 | SYS RANDOM |
| T14 | 02-Feb-04 | -1 | =9.2 | 33 | 7.85 | SYS RANDOM |
| T6 | 02-Feb-04 | -0.5 | =17 | 33 | 7.9 | SYS RANDOM |
| T7 | 02-Feb-04 | -0.5 | <2 | 31 | 7.8 | SYS RANDOM |
| AC10 | 03-Feb-04 | -1 | <2 | 34 | 7.91 | SYS RANDOM |
| AC1A | 03-Feb-04 | -1 | =2 | 33 | 7.91 | SYS RANDOM |
| AC2 | 03-Feb-04 | -1 | <2 | 34 | 7.87 | SYS RANDOM |
| AC3 | 03-Feb-04 | -1 | <2 | 33 | 7.93 | SYS RANDOM |
| AC3A | 03-Feb-04 | -1 | <2 | 34 | 7.89 | SYS RANDOM |
| AC4C | 03-Feb-04 | -1 | =2 | 34 | 7.88 | SYS RANDOM |
| AC4D | 03-Feb-04 | -1 | =2 | 34 | 7.86 | SYS RANDOM |
| AC5A | 03-Feb-04 | -1 | <2 | 34 | 7.9 | SYS RANDOM |
| AC6G | 03-Feb-04 | -1.5 | =1.8 | 32 | 7.93 | SYS RANDOM |
| AC7B | 03-Feb-04 | -1 | =2 | 34 | 7.95 | SYS RANDOM |
| AC8 | 03-Feb-04 | -0.5 | =6.8 | 34 | 7.88 | SYS RANDOM |
| RH1 | 03-Feb-04 | -2 | =1.8 | 34 | 7.91 | SYS RANDOM |
| RH2 | 03-Feb-04 | -2 | =1.8 | 34 | 7.93 | SYS RANDOM |
| RH3 | 03-Feb-04 | -1 | =2 | 34 | 7.91 | SYS RANDOM |
| RH4 | 03-Feb-04 | -0.5 | =2 | 34 | 7.93 | SYS RANDOM |
| HH10 | 09-Feb-04 | -2 | =2 | 33 | 7.83 | SYS RANDOM |
| HH11 | 09-Feb-04 | 0 | =2 | 34 | 7.85 | SYS RANDOM |
| HH12 | 09-Feb-04 | -1 | =4.5 | 34 | 7.81 | SYS RANDOM |
| HH17 | 09-Feb-04 | -1.5 | =4.5 | 33 | 7.76 | SYS RANDOM |
| HH18 | 09-Feb-04 | -1.5 | =2 | 34 | 7.80 | SYS RANDOM |
| HH19 | 09-Feb-04 | -1.5 | =2 | 34 | 7.81 | SYS RANDOM |
| HH1A | 09-Feb-04 | 1 | <2 | 34 | 7.82 | SYS RANDOM |
| HH2B | 09-Feb-04 | -2 | =11 | 33 | 7.74 | SYS RANDOM |
| HH35 | 09-Feb-04 | -2 | =2 | 32 | 7.79 | SYS RANDOM |
| HH5B | 09-Feb-04 | -1 | =13 | 33 | 7.80 | SYS RANDOM |
| HH5C | 09-Feb-04 | -1 | =4.5 | 34 | 7.80 | SYS RANDOM |
| HHMG1 | 09-Feb-04 | 1 | <2 | 33 | 7.76 | POST RAINFALL |
| AC10 | 17-Feb-04 | 0 | <2 | | | SYS RANDOM |
| AC1A | 17-Feb-04 | 0 | <2 | | | SYS RANDOM |
| AC2 | 17-Feb-04 | 0 | <2 | | | SYS RANDOM |
| AC3 | 17-Feb-04 | -2 | <2 | | | SYS RANDOM |
| AC3A | 17-Feb-04 | -1 | =1.8 | | | SYS RANDOM |
| AC4C | 17-Feb-04 | 0 | <2 | | | SYS RANDOM |
| AC4D | 17-Feb-04 | 0 | =4.5 | | | SYS RANDOM |
| AC5A | 17-Feb-04 | -1 | <2 | | | SYS RANDOM |
| AC6G | 17-Feb-04 | -1 | =2 | | | SYS RANDOM |
| AC7B | 17-Feb-04 | -1 | =4 | | | SYS RANDOM |
| AC8 | 17-Feb-04 | -2 | =11 | | | SYS RANDOM |
| HH10 | 18-Feb-04 | 1 | =2 | 34 | 7.84 | SYS RANDOM |
| HH11 | 18-Feb-04 | 1.5 | <2 | 34 | 7.88 | SYS RANDOM |
| HH12 | 18-Feb-04 | 1 | =11 | 34 | 7.86 | SYS RANDOM |
| HH17 | 18-Feb-04 | 1 | =22 | 34 | 7.85 | SYS RANDOM |
| HH18 | 18-Feb-04 | 1 | =6.8 | 34 | 7.84 | SYS RANDOM |
| HH19 | 18-Feb-04 | 1 | =4 | 34 | 7.85 | SYS RANDOM |
| HH1A | 18-Feb-04 | 2 | =7.8 | 34 | 7.89 | SYS RANDOM |
| HH2B | 18-Feb-04 | 1.5 | =13 | 34 | 7.86 | SYS RANDOM |
| HH30 | 18-Feb-04 | 1 | =2 | 34 | 7.85 | SYS RANDOM |
| HH31 | 18-Feb-04 | -1 | =2 | 34 | 7.83 | SYS RANDOM |

| | | | | | | |
|---|---|---|---|---|---|---|
| HH32 | 18-Feb-04 | 1.5 | =4.5 | 34 | 7.78 | SYS RANDOM |
| HH33 | 18-Feb-04 | 1.5 | =4.5 | 33 | 7.81 | SYS RANDOM |
| HH34 | 18-Feb-04 | 1.5 | =14 | 34 | 7.86 | SYS RANDOM |
| HH35 | 18-Feb-04 | 1 | =7.8 | 34 | 7.85 | SYS RANDOM |
| HH36 | 18-Feb-04 | -1 | =6.8 | 34 | 7.82 | SYS RANDOM |
| HH37 | 18-Feb-04 | -1 | =1.8 | 34 | 7.85 | SYS RANDOM |
| HH5B | 18-Feb-04 | 1 | <2 | 34 | 7.82 | SYS RANDOM |
| HH5C | 18-Feb-04 | 1 | =4.5 | 34 | 7.80 | SYS RANDOM |
| AC10 | 24-Feb-04 | 2.5 | <2 | 34 | | SYS RANDOM |
| AC1A | 24-Feb-04 | 2.5 | <2 | 34 | | SYS RANDOM |
| AC2 | 24-Feb-04 | 2.5 | =4 | 33 | | SYS RANDOM |
| AC3 | 24-Feb-04 | 2.5 | <2 | 33 | | SYS RANDOM |
| AC3A | 24-Feb-04 | 2.5 | =13 | 33 | | SYS RANDOM |
| AC4C | 24-Feb-04 | 2 | <2 | 34 | | SYS RANDOM |
| AC4D | 24-Feb-04 | 2 | <2 | 34 | | SYS RANDOM |
| AC5A | 24-Feb-04 | 2 | <2 | 34 | | SYS RANDOM |
| AC6G | 24-Feb-04 | 2 | =1.8 | 33 | | SYS RANDOM |
| AC7B | 24-Feb-04 | 2 | <2 | 34 | | SYS RANDOM |
| AC8 | 24-Feb-04 | 1 | =1 | 33 | | SYS RANDOM |
| LHB1 | 01-Mar-04 | 3 | =14 | 34 | 7.96 | SYS RANDOM |
| LHB13 | 01-Mar-04 | 3 | =4.5 | 34 | 7.97 | SYS RANDOM |
| LHB16 | 01-Mar-04 | 4 | =2 | 34 | 7.93 | SYS RANDOM |
| LHB2 | 01-Mar-04 | 3 | =6.1 | 34 | 7.99 | SYS RANDOM |
| LHB5 | 01-Mar-04 | 3 | <2 | 32 | 7.96 | SYS RANDOM |
| LHB6 | 01-Mar-04 | 3 | =4 | 34 | 7.96 | SYS RANDOM |
| LHB8 | 01-Mar-04 | 3.5 | <2 | 34 | 7.98 | SYS RANDOM |
| LHB9 | 01-Mar-04 | 3 | =6.8 | 34 | 7.96 | SYS RANDOM |
| T13 | 01-Mar-04 | 3 | =11 | 34 | 7.98 | SYS RANDOM |
| T14 | 01-Mar-04 | 3 | =13 | 34 | 7.86 | SYS RANDOM |
| T6 | 01-Mar-04 | 3 | =2 | 34 | 7.97 | SYS RANDOM |
| T7 | 01-Mar-04 | 2.5 | =2 | 25 | 7.55 | SYS RANDOM |
| HH10 | 03-Mar-04 | 4 | <2 | 32 | 8.00 | SYS RANDOM |
| HH11 | 03-Mar-04 | 4 | =2 | 34 | 8.00 | SYS RANDOM |
| HH12 | 03-Mar-04 | 4.5 | =2 | 34 | 8.01 | SYS RANDOM |
| HH17 | 03-Mar-04 | 4 | =4.5 | 34 | 7.99 | SYS RANDOM |
| HH18 | 03-Mar-04 | 4 | <2 | 34 | 8.00 | SYS RANDOM |
| HH19 | 03-Mar-04 | 4 | =2 | 34 | 8.00 | SYS RANDOM |
| HH1A | 03-Mar-04 | 4 | <2 | 34 | 7.96 | SYS RANDOM |
| HH2B | 03-Mar-04 | 4 | =2 | 34 | 8.02 | SYS RANDOM |
| HH30 | 03-Mar-04 | 5 | =2 | 31 | 7.85 | SYS RANDOM |
| HH31 | 03-Mar-04 | 5 | =2 | 30 | 7.84 | SYS RANDOM |
| HH32 | 03-Mar-04 | 5 | <2 | 29 | 7.79 | SYS RANDOM |
| HH33 | 03-Mar-04 | 5 | <2 | 29 | 7.83 | SYS RANDOM |
| HH34 | 03-Mar-04 | 5 | <2 | 29 | 7.79 | SYS RANDOM |
| HH35 | 03-Mar-04 | 4 | <2 | 34 | 7.98 | SYS RANDOM |
| HH36 | 03-Mar-04 | 5 | =2 | 33 | 7.92 | SYS RANDOM |
| HH37 | 03-Mar-04 | 5 | <2 | 32 | 7.90 | SYS RANDOM |
| HH5B | 03-Mar-04 | 4 | <2 | 34 | 7.98 | SYS RANDOM |
| HH5C | 03-Mar-04 | 4 | =2 | 34 | 7.99 | SYS RANDOM |
| LHB1 | 09-Mar-04 | 2 | =1.8 | 33 | 8.00 | SYS RANDOM |
| LHB13 | 09-Mar-04 | 2 | =2 | 33 | 7.96 | SYS RANDOM |
| LHB16 | 09-Mar-04 | 2 | <2 | 32 | 7.96 | SYS RANDOM |
| LHB2 | 09-Mar-04 | 2 | <2 | 33 | 8.00 | SYS RANDOM |
| LHB5 | 09-Mar-04 | 2.5 | =7.8 | 30 | 7.96 | SYS RANDOM |
| LHB6 | 09-Mar-04 | 2 | <2 | 33 | 8.00 | SYS RANDOM |
| LHB8 | 09-Mar-04 | 2 | =13 | 32 | 7.95 | SYS RANDOM |
| LHB9 | 09-Mar-04 | 3.5 | =2 | 36 | 7.99 | SYS RANDOM |
| T13 | 09-Mar-04 | 2 | =2 | 33 | 7.97 | SYS RANDOM |
| T14 | 09-Mar-04 | 1 | =23 | 30 | 7.87 | SYS RANDOM |
| T6 | 09-Mar-04 | 2 | =4 | 33 | 7.99 | SYS RANDOM |
| T7 | 09-Mar-04 | 1 | =2 | 2 | 7.11 | SYS RANDOM |
| AC10 | 15-Mar-04 | 4.5 | =2 | 32.5 | | SYS RANDOM |
| AC1A | 15-Mar-04 | 4 | <2 | 32.7 | | SYS RANDOM |
| AC2 | 15-Mar-04 | 4.5 | <2 | 32.7 | | SYS RANDOM |
| AC3 | 15-Mar-04 | 4 | =4 | 32.1 | | SYS RANDOM |
| AC3A | 15-Mar-04 | 4.5 | <2 | 32.5 | | SYS RANDOM |
| AC4C | 15-Mar-04 | 4.5 | <2 | 32.5 | | SYS RANDOM |
| AC4D | 15-Mar-04 | 4.5 | <2 | 32.5 | | SYS RANDOM |
| AC5A | 15-Mar-04 | 4.5 | <2 | 32.7 | | SYS RANDOM |
| AC6G | 15-Mar-04 | 4 | <2 | 32.5 | | SYS RANDOM |

| | | | | | |
|---|---|---|---|---|---|
| AC7B | 15-Mar-04 | 4 | <2 | 32.4 | SYS RANDOM |
| AC8 | 15-Mar-04 | 4.5 | =4 | 31.3 | SYS RANDOM |
| RH1 | 15-Mar-04 | 5.5 | =2 | 27.2 | SYS RANDOM |
| RH2 | 15-Mar-04 | 4.5 | <2 | 29.5 | SYS RANDOM |
| RH3 | 15-Mar-04 | 4.5 | <2 | 31 | SYS RANDOM |
| RH4 | 15-Mar-04 | 6.5 | =7 | 31.5 | SYS RANDOM |
| HHHR1 | 23-Mar-04 | -0.5 | =13 | 29 | 7.72 POST RAINFALL |
| HHMG1 | 23-Mar-04 | 1 | <2 | 32 | 7.66 POST RAINFALL |
| HHHR1 | 29-Mar-04 | 5 | <2 | 29 | 7.89 POST RAINFALL |
| LHNC1 | 29-Mar-04 | 5 | <2 | 30 | 7.96 POST RAINFALL |
| GB16 | 30-Mar-04 | 5 | <2 | 21 | 7.98 SYS RANDOM |
| GB17 | 30-Mar-04 | 4 | =33 | 27 | 7.96 SYS RANDOM |
| GB18 | 30-Mar-04 | 4 | =7.8 | 28 | 8.00 SYS RANDOM |
| GB19 | 30-Mar-04 | 5 | =2 | 22 | 8.05 SYS RANDOM |
| GB2 | 30-Mar-04 | 5 | =11 | 24 | 7.95 SYS RANDOM |
| GB20 | 30-Mar-04 | 4.5 | =13 | 11 | 7.56 SYS RANDOM |
| GB21 | 30-Mar-04 | 4 | =23 | 5 | 7.31 SYS RANDOM |
| GB22 | 30-Mar-04 | 3.5 | =4.5 | 2 | 7.34 SYS RANDOM |
| GB24 | 30-Mar-04 | 5 | =7.8 | 31 | 8.01 SYS RANDOM |
| GB25 | 30-Mar-04 | 4.5 | =17 | 26 | 7.24 SYS RANDOM |
| GB27 | 30-Mar-04 | 4.5 | =17 | 26 | 8.01 SYS RANDOM |
| GB28 | 30-Mar-04 | 4.5 | =4 | 26 | 8.00 SYS RANDOM |
| GB33 | 30-Mar-04 | 5 | =11 | 24 | 7.93 SYS RANDOM |
| GB34 | 30-Mar-04 | 5 | =23 | 23 | 7.92 SYS RANDOM |
| GB4A | 30-Mar-04 | 4.5 | =13 | 8 | 7.77 SYS RANDOM |
| GB5 | 30-Mar-04 | 4.5 | =2 | 14 | 7.90 SYS RANDOM |
| GB50 | 30-Mar-04 | 5 | =4 | 20 | 8.02 SYS RANDOM |
| GB6 | 30-Mar-04 | 5 | =7.8 | 20 | 7.97 SYS RANDOM |
| GB7A | 30-Mar-04 | 5 | =4.5 | 19 | 7.96 SYS RANDOM |
| GBA10 | 30-Mar-04 | 4.5 | =4.5 | 12 | 7.66 SYS RANDOM |
| GBA11.5 | 30-Mar-04 | 4.5 | =6.8 | 21 | 7.97 SYS RANDOM |
| GBA7 | 30-Mar-04 | 4 | =11 | 4 | 7.41 SYS RANDOM |
| Chapmans Landing | 01-Apr-04 | 4 | =78 | | EMERGENCY CLOSURE |
| GBSP1 | 01-Apr-04 | 4 | =78 | | EMERGENCY CLOSURE |
| AC10 | 04-Apr-04 | 5 | =33 | 28 | 7.98 EMERGENCY CLOSURE |
| AC1A | 04-Apr-04 | 4 | <2 | 33 | 7.98 EMERGENCY CLOSURE |
| AC2 | 04-Apr-04 | 4.5 | <2 | 29 | 8.00 EMERGENCY CLOSURE |
| AC3 | 04-Apr-04 | 4 | =14 | 30 | 7.95 EMERGENCY CLOSURE |
| AC3A | 04-Apr-04 | 4.5 | =11 | 26 | 7.97 EMERGENCY CLOSURE |
| AC4C | 04-Apr-04 | 4.5 | =4.5 | 29 | 7.95 EMERGENCY CLOSURE |
| AC4D | 04-Apr-04 | 4.5 | =2 | 29 | 7.98 EMERGENCY CLOSURE |
| AC5A | 04-Apr-04 | 4.5 | =4 | 32 | 7.99 EMERGENCY CLOSURE |
| AC6G | 04-Apr-04 | 4.5 | =4.5 | 33 | 8.02 EMERGENCY CLOSURE |
| AC7B | 04-Apr-04 | 4.5 | =2 | 34 | 8.02 EMERGENCY CLOSURE |
| AC8 | 04-Apr-04 | 5 | =2 | 28 | 8.04 EMERGENCY CLOSURE |
| LBFP1 | 04-Apr-04 | 5 | =79 | 9 | 7.45 EMERGENCY CLOSURE |
| LHNC1 | 04-Apr-04 | 5 | =49 | 21 | 7.92 EMERGENCY CLOSURE |
| HHHR1 | 05-Apr-04 | 4 | =2 | 30 | 7.83 EMERGENCY CLOSURE |
| HHYC1 | 05-Apr-04 | 4 | =2 | 30 | 7.87 EMERGENCY CLOSURE |
| GBSP1 | 06-Apr-04 | 2 | =27 | 1 | 7.36 EMERGENCY CLOSURE |
| LBFP1 | 06-Apr-04 | 4 | =22 | 4 | 7.38 EMERGENCY CLOSURE |
| LHB1 | 06-Apr-04 | 4 | =2 | 29.1 | SYS RANDOM |
| LHB13 | 06-Apr-04 | 4 | =4.5 | 26.2 | SYS RANDOM |
| LHB16 | 06-Apr-04 | 4.5 | =4.5 | 17 | SYS RANDOM |
| LHB2 | 06-Apr-04 | 4 | <2 | 29.2 | SYS RANDOM |
| LHB5 | 06-Apr-04 | 4.5 | =6.8 | 21.3 | SYS RANDOM |
| LHB6 | 06-Apr-04 | 4 | =2 | 27 | SYS RANDOM |
| LHB8 | 06-Apr-04 | 4 | =6.8 | 24.8 | SYS RANDOM |
| LHB9 | 06-Apr-04 | 4.5 | =11 | 23.1 | SYS RANDOM |
| LHNC1 | 06-Apr-04 | 2 | =17 | 13 | 7.81 EMERGENCY CLOSURE |
| T13 | 06-Apr-04 | 4 | =4 | 26.2 | SYS RANDOM |
| T14 | 06-Apr-04 | 4 | =6 | 22 | SYS RANDOM |
| T6 | 06-Apr-04 | 4 | =6.1 | 27 | SYS RANDOM |
| T7 | 06-Apr-04 | 3 | =2 | 1 | SYS RANDOM |
| HH10 | 07-Apr-04 | 3 | =4 | 23 | EMERGENCY CLOSURE |
| HH11 | 07-Apr-04 | 3 | =7.8 | 25 | EMERGENCY CLOSURE |
| HH12 | 07-Apr-04 | 3 | =6.8 | 27 | EMERGENCY CLOSURE |
| HH17 | 07-Apr-04 | 3 | =7.8 | 26 | EMERGENCY CLOSURE |
| HH18 | 07-Apr-04 | 3 | =2 | 26 | EMERGENCY CLOSURE |
| HH19 | 07-Apr-04 | 3 | =2 | 23 | EMERGENCY CLOSURE |

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|---|---|---|---|---|---|
| HH1A | 07-Apr-04 3.5 | =4.8 | 26 | | EMERGENCY CLOSURE |
| HH2B | 07-Apr-04 3 | =9.3 | 25 | | EMERGENCY CLOSURE |
| HH35 | 07-Apr-04 3 | =7.8 | 24 | | EMERGENCY CLOSURE |
| HH5C | 07-Apr-04 3 | <2 | 22 | | EMERGENCY CLOSURE |
| HHHR1 | 07-Apr-04 3 | =6.1 | 13 | 7.70 | EMERGENCY CLOSURE |
| HHMG1 | 07-Apr-04 3.5 | =7.8 | 15 | 7.74 | EMERGENCY CLOSURE |
| GBSP1 | 12-Apr-04 10.5 | <2 | 6 | 7.62 | EMERGENCY CLOSURE |
| LBFP1 | 12-Apr-04 11 | <2 | 17 | 7.72 | EMERGENCY CLOSURE |
| LHNC1 | 12-Apr-04 6.5 | <2 | 27 | 7.92 | EMERGENCY CLOSURE |
| GB16 | 13-Apr-04 6 | <2 | 15 | 7.67 | SYS RANDOM |
| GB17 | 13-Apr-04 6 | =11 | 23 | 7.82 | SYS RANDOM |
| GB18 | 13-Apr-04 6 | <2 | 22 | 7.80 | SYS RANDOM |
| GB19 | 13-Apr-04 6 | =2 | 19 | 7.77 | SYS RANDOM |
| GB2 | 13-Apr-04 6 | =4.5 | 18 | 7.73 | SYS RANDOM |
| GB20 | 13-Apr-04 6 | =49 | 10 | 7.46 | SYS RANDOM |
| GB21 | 13-Apr-04 6 | =49 | 4 | 7.29 | SYS RANDOM |
| GB22 | 13-Apr-04 6 | =79 | 4 | 7.19 | SYS RANDOM |
| GB24 | 13-Apr-04 6 | <2 | 25 | 7.79 | SYS RANDOM |
| GB25 | 13-Apr-04 6 | <2 | 22 | 7.78 | SYS RANDOM |
| GB27 | 13-Apr-04 6 | =2 | 20 | 7.74 | SYS RANDOM |
| GB28 | 13-Apr-04 6 | =4.5 | 20 | 7.77 | SYS RANDOM |
| GB33 | 13-Apr-04 6 | =2 | 14 | 7.70 | SYS RANDOM |
| GB34 | 13-Apr-04 6 | =2 | 16 | 7.75 | SYS RANDOM |
| GB4A | 13-Apr-04 6 | =2 | 16 | 7.72 | SYS RANDOM |
| GB5 | 13-Apr-04 6 | =4.5 | 16 | 7.68 | SYS RANDOM |
| GB50 | 13-Apr-04 6 | =2 | 17 | 7.73 | SYS RANDOM |
| GB6 | 13-Apr-04 6 | =2 | 17 | 7.68 | SYS RANDOM |
| GB7A | 13-Apr-04 6 | =4.5 | 16 | 7.70 | SYS RANDOM |
| GBA10 | 13-Apr-04 6 | =33 | 12 | 7.61 | SYS RANDOM |
| GBA11.5 | 13-Apr-04 6 | =4.5 | 16 | 7.71 | SYS RANDOM |
| GBA7 | 13-Apr-04 6 | =17 | 6 | 7.39 | SYS RANDOM |
| AC10 | 19-Apr-04 6.5 | <2 | 29 | | SYS RANDOM |
| AC1A | 19-Apr-04 6.5 | <2 | 30 | | SYS RANDOM |
| AC2 | 19-Apr-04 6.5 | =11 | 29 | | SYS RANDOM |
| AC3 | 19-Apr-04 7 | <2 | 30 | | SYS RANDOM |
| AC3A | 19-Apr-04 7 | <2 | 31 | | SYS RANDOM |
| AC4C | 19-Apr-04 7 | =13 | 29 | | SYS RANDOM |
| AC5A | 19-Apr-04 6.5 | =4.5 | 29 | | SYS RANDOM |
| AC6G | 19-Apr-04 6 | <2 | 30 | | SYS RANDOM |
| AC7B | 19-Apr-04 6.5 | <2 | 30 | | SYS RANDOM |
| AC8 | 19-Apr-04 8.5 | <2 | 25 | | SYS RANDOM |
| HHHR1 | 19-Apr-04 8 | =11 | 16 | 7.71 | POST RAINFALL |
| HHMG1 | 19-Apr-04 8 | =13 | 14 | 7.59 | POST RAINFALL |
| RH1 | 19-Apr-04 6.5 | =7.8 | 30 | | SYS RANDOM |
| RH2 | 19-Apr-04 6.5 | =2 | 28 | | SYS RANDOM |
| RH3 | 19-Apr-04 9.5 | =2 | 30 | | SYS RANDOM |
| RH4 | 19-Apr-04 7 | =1 | 30 | | SYS RANDOM |
| LHNC1 | 20-Apr-04 7 | =22 | 26 | 7.79 | POST RAINFALL |
| ACB1A | 21-Apr-04 7 | <2 | 34 | | SYS RANDOM |
| ACB2 | 21-Apr-04 6.5 | <2 | 34 | | SYS RANDOM |
| ACB20 | 21-Apr-04 6 | <2 | 35 | | SYS RANDOM |
| ACB3 | 21-Apr-04 6.5 | <2 | 34 | | SYS RANDOM |
| ACB4 | 21-Apr-04 6 | <2 | 33 | | SYS RANDOM |
| ACB5 | 21-Apr-04 6.5 | <2 | 33 | | SYS RANDOM |
| ACB6 | 21-Apr-04 6 | <2 | 34 | | SYS RANDOM |
| ACB7 | 21-Apr-04 6 | <2 | 34 | | SYS RANDOM |
| ACB8 | 21-Apr-04 7 | =1.8 | 30 | | SYS RANDOM |
| HH10 | 26-Apr-04 7 | =11 | 18 | 7.91 | SYS RANDOM |
| HH11 | 26-Apr-04 6.5 | =2 | 30 | 7.92 | SYS RANDOM |
| HH12 | 26-Apr-04 7 | =6.8 | 30 | 7.89 | SYS RANDOM |
| HH17 | 26-Apr-04 7 | =13 | 30 | 7.9 | SYS RANDOM |
| HH18 | 26-Apr-04 7 | =33 | 30 | 7.93 | SYS RANDOM |
| HH19 | 26-Apr-04 7 | =7.8 | 29 | 7.88 | SYS RANDOM |
| HH1A | 26-Apr-04 6.5 | =4.5 | 30 | 7.93 | SYS RANDOM |
| HH2B | 26-Apr-04 7 | =33 | 28 | 7.89 | SYS RANDOM |
| HH30 | 26-Apr-04 9 | =11 | 15 | 7.77 | SYS RANDOM |
| HH31 | 26-Apr-04 9 | =11 | 20 | 7.70 | SYS RANDOM |
| HH32 | 26-Apr-04 9 | =1.8 | 20 | 7.54 | SYS RANDOM |
| HH33 | 26-Apr-04 9 | =7.8 | 20 | 7.91 | SYS RANDOM |
| HH34 | 26-Apr-04 8.5 | =4.5 | 20 | 7.81 | SYS RANDOM |

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|---|---|---|---|---|---|
| HH35 | 26-Apr-04 7.5 | <2 | 28 | 7.84 | SYS RANDOM |
| HH36 | 26-Apr-04 7 | =11 | 25 | 7.81 | SYS RANDOM |
| HH37 | 26-Apr-04 8 | =79 | 23 | 7.83 | SYS RANDOM |
| HH5B | 26-Apr-04 7.5 | =13 | 17 | 7.86 | SYS RANDOM |
| HH5C | 26-Apr-04 7.5 | =4 | 18 | 7.88 | SYS RANDOM |
| HHHR1 | 26-Apr-04 6.5 | =13 | 30 | 7.94 | POST RAINFALL |
| HHHR1 | 28-Apr-04 8 | <2 | 29 | 7.96 | POST RAINFALL |
| HHMG1 | 28-Apr-04 9 | =2 | 29 | 7.97 | POST RAINFALL |
| LHNC1 | 28-Apr-04 9.5 | =2 | 28 | 7.96 | POST RAINFALL |
| AC10 | 29-Apr-04 7 | <2 | 32 | | OPEN STATUS |
| AC1A | 29-Apr-04 8 | <2 | 32 | | OPEN STATUS |
| AC2 | 29-Apr-04 7 | <2 | 32 | | OPEN STATUS |
| AC3 | 29-Apr-04 8 | =2 | 32 | | OPEN STATUS |
| AC3A | 29-Apr-04 8 | <2 | 33 | | OPEN STATUS |
| AC4C | 29-Apr-04 7 | =2 | 32 | | OPEN STATUS |
| AC4D | 29-Apr-04 7 | <2 | 32 | | OPEN STATUS |
| AC5A | 29-Apr-04 7 | <2 | 32 | | OPEN STATUS |
| AC6G | 29-Apr-04 8 | =2 | 31 | | OPEN STATUS |
| AC7B | 29-Apr-04 8 | <2 | 32 | | OPEN STATUS |
| AC8 | 29-Apr-04 8 | =95 | 31 | | OPEN STATUS |
| GB16 | 29-Apr-04 10.5 | =4.5 | 15 | 7.76 | OPEN STATUS |
| GB17 | 29-Apr-04 10 | =4.5 | 21 | 7.98 | OPEN STATUS |
| GB18 | 29-Apr-04 8 | =4 | 27 | 7.95 | OPEN STATUS |
| GB19 | 29-Apr-04 10 | =13 | 19 | 7.9 | OPEN STATUS |
| GB2 | 29-Apr-04 10 | =2 | 18 | 7.91 | OPEN STATUS |
| GB20 | 29-Apr-04 10.5 | =17 | 8 | 7.44 | OPEN STATUS |
| GB21 | 29-Apr-04 10 | =17 | 3 | 7.28 | OPEN STATUS |
| GB22 | 29-Apr-04 10.5 | =13 | 3 | 7.61 | OPEN STATUS |
| GB24 | 29-Apr-04 8 | =2 | 29 | 8.00 | OPEN STATUS |
| GB25 | 29-Apr-04 9 | =6.8 | 21 | 7.91 | OPEN STATUS |
| GB27 | 29-Apr-04 10 | =2 | 20 | 7.89 | OPEN STATUS |
| GB28 | 29-Apr-04 10 | =33 | 20 | 7.91 | OPEN STATUS |
| GB33 | 29-Apr-04 10.5 | =2 | 17 | 7.89 | OPEN STATUS |
| GB34 | 29-Apr-04 10.5 | =4.5 | 18 | 7.99 | OPEN STATUS |
| GB4A | 29-Apr-04 11 | =7.8 | 15 | 7.74 | OPEN STATUS |
| GB5 | 29-Apr-04 11 | =13 | 12 | 7.77 | OPEN STATUS |
| GB50 | 29-Apr-04 10.5 | =4.5 | 17 | 7.86 | OPEN STATUS |
| GB6 | 29-Apr-04 11 | =2 | 17 | 7.84 | OPEN STATUS |
| GB7A | 29-Apr-04 11 | =4.5 | 17 | 7.82 | OPEN STATUS |
| GBA10 | 29-Apr-04 10.5 | =7.8 | 16 | 7.76 | OPEN STATUS |
| GBA11.5 | 29-Apr-04 10 | =4.5 | 15 | 7.80 | OPEN STATUS |
| GBA7 | 29-Apr-04 11 | =49 | 3 | 7.26 | OPEN STATUS |
| LHB1 | 03-May-047.5 | =4.5 | 29 | 7.92 | OPEN STATUS |
| LHB13 | 03-May-047.5 | =6.8 | 30 | 7.93 | OPEN STATUS |
| LHB16 | 03-May-048 | =4.5 | 29 | 7.90 | OPEN STATUS |
| LHB2 | 03-May-047.5 | <2 | 30 | 7.95 | OPEN STATUS |
| LHB5 | 03-May-049 | =4.5 | 26 | 7.90 | OPEN STATUS |
| LHB6 | 03-May-047.5 | =4 | 31 | 7.93 | OPEN STATUS |
| LHB8 | 03-May-048.5 | =4.5 | 30 | 7.85 | OPEN STATUS |
| LHB9 | 03-May-049 | =4.5 | 27 | 7.88 | OPEN STATUS |
| T13 | 03-May-047.5 | =7.8 | 30 | 7.93 | OPEN STATUS |
| T14 | 03-May-048 | =4.5 | 30 | 7.92 | OPEN STATUS |
| T6 | 03-May-047.5 | =4 | 30 | 7.90 | OPEN STATUS |
| T7 | 03-May-0414 | =130 | 19 | 7.80 | OPEN STATUS |
| AC10 | 04-May-046.5 | <2 | 32 | | SYS RANDOM |
| AC1A | 04-May-047 | =130 | 31 | | SYS RANDOM |
| AC2 | 04-May-047 | =140 | 31 | | SYS RANDOM |
| AC3 | 04-May-046.5 | =6.8 | 31 | | SYS RANDOM |
| AC3A | 04-May-046.5 | =7.8 | 30 | | SYS RANDOM |
| AC4C | 04-May-046.5 | =33 | 32 | | SYS RANDOM |
| AC4D | 04-May-046.5 | =130 | 32 | | SYS RANDOM |
| AC5A | 04-May-047 | =79 | 32 | | SYS RANDOM |
| AC6G | 04-May-047 | =13 | 31 | | SYS RANDOM |
| AC7B | 04-May-046.5 | =17 | 32 | | SYS RANDOM |
| AC8 | 04-May-048.5 | =7.8 | 25 | | SYS RANDOM |
| RH1 | 04-May-046 | =2 | 31 | | SYS RANDOM |
| RH2 | 04-May-048 | =17 | 32 | | SYS RANDOM |
| RH3 | 04-May-048 | =11 | 31 | | SYS RANDOM |
| RH4 | 04-May-049 | =41 | 25 | | SYS RANDOM |
| HHHR1 | 05-May-048 | =17 | 22 | 7.67 | POST RAINFALL |

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|---|---|---|---|---|---|
| HHMG1 | 05-May-047.5 | =46 | 24 | 7.56 | POST RAINFALL |
| LHNC1 | 05-May-046 | =21 | 29 | 7.82 | POST RAINFALL |
| HHCI1 | 10-May-0410 | =17 | 31 | 7.77 | POST RAINFALL |
| HHMG1 | 10-May-049 | =7.8 | 32 | 7.73 | POST RAINFALL |
| LHB1 | 11-May-047 | <2 | 31 | 7.84 | SYS RANDOM |
| LHB13 | 11-May-048.5 | <2 | 30 | 7.83 | SYS RANDOM |
| LHB16 | 11-May-048 | =2 | 29 | 7.84 | SYS RANDOM |
| LHB2 | 11-May-047.5 | =4.5 | 30 | 7.88 | SYS RANDOM |
| LHB5 | 11-May-047.5 | =2 | 29 | 7.85 | SYS RANDOM |
| LHB6 | 11-May-048 | =2 | 30 | 7.82 | SYS RANDOM |
| LHB8 | 11-May-048 | <2 | 29 | 7.81 | SYS RANDOM |
| LHB9 | 11-May-047 | <2 | 30 | 7.70 | SYS RANDOM |
| LHNC1 | 11-May-0410 | <2 | 30 | 7.83 | POST RAINFALL |
| T13 | 11-May-048.5 | =2 | 30 | 7.87 | SYS RANDOM |
| T14 | 11-May-0413.5 | =33 | 19 | 7.53 | SYS RANDOM |
| T6 | 11-May-048 | =7.8 | 30 | 7.84 | SYS RANDOM |
| T7 | 11-May-0414.5 | =49 | 5 | 7.44 | SYS RANDOM |
| ACB20 | 12-May-049 | <2 | 32 | 7.90 | SYS RANDOM |
| HHCI1 | 12-May-0414 | =2 | 31 | 7.84 | POST RAINFALL |
| HHMG1 | 12-May-0412 | =2 | 32 | 7.86 | POST RAINFALL |
| HH10 | 13-May-049 | <2 | 31 | | OPEN STATUS |
| HH11 | 13-May-049 | <2 | 31 | | OPEN STATUS |
| HH12 | 13-May-049.5 | <2 | 31 | | OPEN STATUS |
| HH17 | 13-May-0410 | =7.8 | 31 | | OPEN STATUS |
| HH18 | 13-May-0410 | <2 | 32 | | OPEN STATUS |
| HH19 | 13-May-0410.5 | <2 | 31 | | OPEN STATUS |
| HH1A | 13-May-049.5 | <2 | 32 | | OPEN STATUS |
| HH2B | 13-May-0410.5 | <2 | 32 | | OPEN STATUS |
| HH30 | 13-May-0411.5 | =2 | 31 | | OPEN STATUS |
| HH31 | 13-May-0412.5 | <2 | 30 | | OPEN STATUS |
| HH32 | 13-May-0412 | <2 | 28 | | OPEN STATUS |
| HH33 | 13-May-0412 | =2 | 26 | | OPEN STATUS |
| HH34 | 13-May-0412 | <2 | 30 | | OPEN STATUS |
| HH35 | 13-May-0410 | <2 | 30 | | OPEN STATUS |
| HH5B | 13-May-049.5 | =4.5 | 32 | | OPEN STATUS |
| HH5C | 13-May-049 | <2 | 32 | | OPEN STATUS |
| ACB1A | 17-May-0411 | =4.5 | 32 | | SYS RANDOM |
| ACB2 | 17-May-0410 | =1.8 | 32 | | SYS RANDOM |
| ACB20 | 17-May-0410 | <2 | 32 | | SYS RANDOM |
| ACB3 | 17-May-0410 | =2 | 31 | | SYS RANDOM |
| ACB4 | 17-May-0411.5 | =11 | 31 | | SYS RANDOM |
| ACB5 | 17-May-0410 | <2 | 32 | | SYS RANDOM |
| ACB6 | 17-May-0410 | =1.8 | 31 | | SYS RANDOM |
| ACB7 | 17-May-0410 | <2 | 32 | | SYS RANDOM |
| ACB8 | 17-May-0410.5 | =4.5 | 29 | | SYS RANDOM |
| HHMG1 | 19-May-0414 | =120 | 32 | 7.79 | POST RAINFALL |
| AC10 | 24-May-0410.5 | =4.5 | 30 | | OPEN STATUS |
| AC1A | 24-May-049.5 | =7.8 | 30 | | OPEN STATUS |
| AC2 | 24-May-049 | =33 | 30 | | OPEN STATUS |
| AC3 | 24-May-049.5 | =17 | 30 | | OPEN STATUS |
| AC3A | 24-May-0410 | =17 | 30 | | OPEN STATUS |
| AC4C | 24-May-0410 | =350 | 22 | | OPEN STATUS |
| AC4D | 24-May-0410 | =130 | 28 | | OPEN STATUS |
| AC5A | 24-May-0410.5 | =2 | 28 | | OPEN STATUS |
| AC6G | 24-May-0411 | =4.5 | 30 | | OPEN STATUS |
| AC7B | 24-May-0410.5 | <2 | 30 | | OPEN STATUS |
| AC8 | 24-May-0411 | =14 | 30 | | OPEN STATUS |
| GB16 | 25-May-0411.5 | =79 | 17 | 7.57 | SYS RANDOM |
| GB17 | 25-May-0411.5 | =33 | 22 | 7.64 | SYS RANDOM |
| GB18 | 25-May-0411 | =49 | 20 | 7.64 | SYS RANDOM |
| GB19 | 25-May-0412 | =33 | 21 | 7.69 | SYS RANDOM |
| GB2 | 25-May-0412 | =350 | 17 | 7.67 | SYS RANDOM |
| GB20 | 25-May-0411 | =350 | 4 | 7.22 | SYS RANDOM |
| GB21 | 25-May-0411 | =920 | 1 | 7.31 | SYS RANDOM |
| GB24 | 25-May-0411 | =130 | 22 | 7.59 | SYS RANDOM |
| GB25 | 25-May-0411 | =79 | 22 | 7.56 | SYS RANDOM |
| GB27 | 25-May-0411.5 | =49 | 22 | 7.61 | SYS RANDOM |
| GB28 | 25-May-0412 | =49 | 22 | 7.63 | SYS RANDOM |
| GB33 | 25-May-0412 | =240 | 13 | 7.86 | SYS RANDOM |
| GB34 | 25-May-0412 | =920 | 13 | 7.62 | SYS RANDOM |

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|---|---|---|---|---|---|---|
| GB4A | 25-May-04 | 11.5 | =350 | 7 | 7.62 | SYS RANDOM |
| GB5 | 25-May-04 | 11.5 | =33 | 20 | 7.55 | SYS RANDOM |
| GB50 | 25-May-04 | 12 | =350 | 19 | 7.64 | SYS RANDOM |
| GB6 | 25-May-04 | 12 | =33 | 21 | 7.66 | SYS RANDOM |
| GB7A | 25-May-04 | 12 | =79 | 21 | 7.64 | SYS RANDOM |
| GBA10 | 25-May-04 | 11 | =540 | 6 | 7.32 | SYS RANDOM |
| GBA11.5 | 25-May-04 | 11 | =350 | 9 | 7.42 | SYS RANDOM |
| GBA7 | 25-May-04 | 11 | =240 | 1 | 7.28 | SYS RANDOM |
| AC10 | 01-Jun-04 | 10 | =17 | 30 | 7.89 | EMERGENCY CLOSURE |
| AC1A | 01-Jun-04 | 10 | =4.5 | 30 | 7.89 | EMERGENCY CLOSURE |
| AC2 | 01-Jun-04 | 10.5 | <2 | 30 | 7.95 | EMERGENCY CLOSURE |
| AC3 | 01-Jun-04 | 10 | =13 | 30 | 7.87 | EMERGENCY CLOSURE |
| AC3A | 01-Jun-04 | 10 | =2 | 31 | 7.94 | EMERGENCY CLOSURE |
| AC4C | 01-Jun-04 | 10 | =49 | 29 | 7.96 | EMERGENCY CLOSURE |
| AC5A | 01-Jun-04 | 10 | =43 | 30 | 7.90 | EMERGENCY CLOSURE |
| AC6G | 01-Jun-04 | 10 | =4.5 | 30 | 7.92 | EMERGENCY CLOSURE |
| AC7B | 01-Jun-04 | 10 | =13 | 30 | 7.93 | EMERGENCY CLOSURE |
| AC8 | 01-Jun-04 | 10 | =13 | 26 | 7.87 | EMERGENCY CLOSURE |
| GB16 | 02-Jun-04 | 13.5 | =13 | 14 | 7.57 | EMERGENCY CLOSURE |
| GB4A | 02-Jun-04 | 13.5 | =7.8 | 15 | 7.63 | EMERGENCY CLOSURE |
| GB5 | 02-Jun-04 | 13.5 | =17 | 15 | 7.63 | EMERGENCY CLOSURE |
| GB6 | 02-Jun-04 | 13.5 | =13 | 17 | 7.73 | EMERGENCY CLOSURE |
| GB7A | 02-Jun-04 | 13.5 | =33 | 15 | 7.63 | EMERGENCY CLOSURE |
| GBNI1 | 02-Jun-04 | 13.5 | =11 | 14 | 7.68 | EMERGENCY CLOSURE |
| GBSP1 | 02-Jun-04 | 13 | =4.5 | 13 | 7.74 | EMERGENCY CLOSURE |
| GB16 | 07-Jun-04 | 14 | =2 | 19 | 7.76 | SYS RANDOM |
| GB17 | 07-Jun-04 | 14 | =6.8 | 24 | 7.84 | SYS RANDOM |
| GB18 | 07-Jun-04 | 13 | =6.8 | 24 | 7.88 | SYS RANDOM |
| GB19 | 07-Jun-04 | 13.5 | =7.8 | 22 | 7.82 | SYS RANDOM |
| GB2 | 07-Jun-04 | 13.5 | =17 | 22 | 7.77 | SYS RANDOM |
| GB20 | 07-Jun-04 | 14 | =49 | 8 | 7.52 | SYS RANDOM |
| GB21 | 07-Jun-04 | 14.5 | =49 | 5 | 7.32 | SYS RANDOM |
| GB22 | 07-Jun-04 | 14.5 | =110 | 5 | 7.33 | SYS RANDOM |
| GB24 | 07-Jun-04 | 12.5 | =4.5 | 25 | 7.87 | SYS RANDOM |
| GB25 | 07-Jun-04 | 14 | =2 | 24 | 7.82 | SYS RANDOM |
| GB27 | 07-Jun-04 | 14 | =4.5 | 23 | 7.71 | SYS RANDOM |
| GB28 | 07-Jun-04 | 13.5 | <2 | 23 | 7.77 | SYS RANDOM |
| GB33 | 07-Jun-04 | 14 | =33 | 19 | 7.75 | SYS RANDOM |
| GB34 | 07-Jun-04 | 13.5 | =33 | 20 | 7.74 | SYS RANDOM |
| GB4A | 07-Jun-04 | 15 | =11 | 15 | 7.70 | SYS RANDOM |
| GB5 | 07-Jun-04 | 14 | =2 | 18 | 7.72 | SYS RANDOM |
| GB50 | 07-Jun-04 | 13.5 | =2 | 22 | 7.87 | SYS RANDOM |
| GB6 | 07-Jun-04 | 13.5 | =2 | 21 | 7.81 | SYS RANDOM |
| GB7A | 07-Jun-04 | 14 | <2 | 20 | 7.79 | SYS RANDOM |
| GBA10 | 07-Jun-04 | 14 | =22 | 12 | 7.62 | SYS RANDOM |
| GBA11.5 | 07-Jun-04 | 13 | =13 | 15 | 7.65 | SYS RANDOM |
| GBA7 | 07-Jun-04 | 14.5 | =49 | 7 | 7.38 | SYS RANDOM |
| AC10 | 14-Jun-04 | 11 | <2 | 32 | | OPEN STATUS |
| AC1A | 14-Jun-04 | 10.5 | <2 | 32 | | OPEN STATUS |
| AC2 | 14-Jun-04 | 11 | =1.8 | 32 | | OPEN STATUS |
| AC3 | 14-Jun-04 | 10.5 | <2 | 31 | | OPEN STATUS |
| AC3A | 14-Jun-04 | 10 | <2 | 32 | | OPEN STATUS |
| AC4C | 14-Jun-04 | 10.5 | =2 | 32 | | OPEN STATUS |
| AC4D | 14-Jun-04 | 10.5 | =2 | 31 | | OPEN STATUS |
| AC5A | 14-Jun-04 | 10.5 | =2 | 32 | | OPEN STATUS |
| AC6G | 14-Jun-04 | 10.5 | =2 | 31 | | OPEN STATUS |
| AC7B | 14-Jun-04 | 11 | <2 | 30 | | OPEN STATUS |
| AC8 | 14-Jun-04 | 14 | =6 | 30 | | OPEN STATUS |
| HH10 | 15-Jun-04 | 9.5 | <2 | 33 | 7.90 | SYS RANDOM |
| HH11 | 15-Jun-04 | 9 | <2 | 33 | 7.94 | SYS RANDOM |
| HH12 | 15-Jun-04 | 9.5 | =4 | 33 | 7.91 | SYS RANDOM |
| HH17 | 15-Jun-04 | 9 | =4.5 | 33 | 7.92 | SYS RANDOM |
| HH18 | 15-Jun-04 | 10 | =4.5 | 33 | 7.95 | SYS RANDOM |
| HH19 | 15-Jun-04 | 9.5 | =2 | 33 | 7.90 | SYS RANDOM |
| HH1A | 15-Jun-04 | 9 | <2 | 33 | 7.91 | SYS RANDOM |
| HH2B | 15-Jun-04 | 10 | =2 | 33 | 7.91 | SYS RANDOM |
| HH30 | 15-Jun-04 | 12 | =4.5 | 32 | 7.90 | SYS RANDOM |
| HH31 | 15-Jun-04 | 14 | =4.5 | 30 | 7.84 | SYS RANDOM |
| HH32 | 15-Jun-04 | 15 | =2 | 30 | 7.71 | SYS RANDOM |
| HH33 | 15-Jun-04 | 16 | =13 | 29 | 7.80 | SYS RANDOM |

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|---|---|---|---|---|---|---|
| HH34 | 15-Jun-04 | 13 | =4.5 | 32 | 7.86 | SYS RANDOM |
| HH35 | 15-Jun-04 | 11.5 | =13 | 33 | 7.94 | SYS RANDOM |
| HH36 | 15-Jun-04 | 12 | =4.5 | 32 | 7.88 | SYS RANDOM |
| HH37 | 15-Jun-04 | 12 | =22 | 32 | 7.85 | SYS RANDOM |
| HH5B | 15-Jun-04 | 11 | =1.8 | 33 | 7.91 | SYS RANDOM |
| HH5C | 15-Jun-04 | 9.5 | <2 | 33 | 7.91 | SYS RANDOM |
| ACB1A | 17-Jun-04 | 13 | <2 | 32 | | SYS RANDOM |
| ACB2 | 17-Jun-04 | 13 | <2 | 32 | | SYS RANDOM |
| ACB20 | 17-Jun-04 | 13 | <2 | 31 | | SYS RANDOM |
| ACB22 | 17-Jun-04 | 12 | <2 | 31 | | SYS RANDOM |
| ACB3 | 17-Jun-04 | 13 | <2 | 32 | | SYS RANDOM |
| ACB4 | 17-Jun-04 | 13 | <2 | 32 | | SYS RANDOM |
| ACB5 | 17-Jun-04 | 13 | <2 | 31 | | SYS RANDOM |
| ACB6 | 17-Jun-04 | 11 | <2 | 32 | | SYS RANDOM |
| ACB7 | 17-Jun-04 | 11 | <2 | 31 | | SYS RANDOM |
| ACB8 | 17-Jun-04 | 12 | =4.5 | 29 | | SYS RANDOM |
| AC10 | 21-Jun-04 | 15 | <2 | 32 | | SYS RANDOM |
| AC1A | 21-Jun-04 | 13.5 | =2 | 32 | | SYS RANDOM |
| AC2 | 21-Jun-04 | 13.5 | <2 | 32 | | SYS RANDOM |
| AC3 | 21-Jun-04 | 13 | =2 | 32 | | SYS RANDOM |
| AC3A | 21-Jun-04 | 13 | <2 | 32 | | SYS RANDOM |
| AC4C | 21-Jun-04 | 14.5 | =2 | 32 | | SYS RANDOM |
| AC4D | 21-Jun-04 | 14.5 | <2 | 31 | | SYS RANDOM |
| AC5A | 21-Jun-04 | 14 | <2 | 31 | | SYS RANDOM |
| AC6G | 21-Jun-04 | 14 | <2 | 32 | | SYS RANDOM |
| AC7B | 21-Jun-04 | 13.5 | <2 | 32 | | SYS RANDOM |
| AC8 | 21-Jun-04 | 13 | <2 | 32 | | SYS RANDOM |
| LHB1 | 22-Jun-04 | 14 | =23 | 31 | 7.87 | RAINFALL STUDY |
| LHB13 | 22-Jun-04 | 13.5 | =4.5 | 31 | 7.90 | RAINFALL STUDY |
| LHB16 | 22-Jun-04 | 13.5 | =7.8 | 31 | 7.90 | RAINFALL STUDY |
| LHB2 | 22-Jun-04 | 14 | =13 | 31 | 7.86 | RAINFALL STUDY |
| LHB5 | 22-Jun-04 | 14 | =1.8 | 30 | 7.87 | RAINFALL STUDY |
| LHB6 | 22-Jun-04 | 14.5 | =11 | 28 | 7.65 | RAINFALL STUDY |
| LHB8 | 22-Jun-04 | 15 | =79 | 31 | 7.84 | RAINFALL STUDY |
| LHB9 | 22-Jun-04 | 13 | =11 | 31 | 7.90 | RAINFALL STUDY |
| LHCP1 | 22-Jun-04 | 14 | =7.8 | 31 | 7.93 | BASELINE TISSUE |
| LHNC1 | 22-Jun-04 | 14 | =11 | 31 | 7.91 | BASELINE TISSUE |
| T13 | 22-Jun-04 | 13.5 | =49 | 31 | 7.93 | RAINFALL STUDY |
| T14 | 22-Jun-04 | 16.5 | =17 | 28 | 7.69 | RAINFALL STUDY |
| T6 | 22-Jun-04 | 14.5 | =33 | 28 | 7.78 | RAINFALL STUDY |
| T7 | 22-Jun-04 | 18 | =79 | 2 | 7.37 | RAINFALL STUDY |
| LHB1 | 29-Jun-04 | 13.5 | =17 | 32 | 7.94 | RAINFALL STUDY |
| LHB13 | 29-Jun-04 | 13.5 | =7.8 | 31 | 7.92 | RAINFALL STUDY |
| LHB16 | 29-Jun-04 | 14 | =2 | 30 | 7.89 | RAINFALL STUDY |
| LHB2 | 29-Jun-04 | 14 | =7.8 | 32 | 7.89 | RAINFALL STUDY |
| LHB5 | 29-Jun-04 | 14 | <2 | 31 | 7.93 | RAINFALL STUDY |
| LHB6 | 29-Jun-04 | 14.5 | =33 | 30 | 7.85 | RAINFALL STUDY |
| LHB8 | 29-Jun-04 | 14 | =17 | 31 | 7.85 | RAINFALL STUDY |
| LHB9 | 29-Jun-04 | 12 | =6.8 | 32 | 7.91 | RAINFALL STUDY |
| LHCP1 | 29-Jun-04 | 15 | =2 | 31 | 7.90 | RAINFALL STUDY |
| LHNC1 | 29-Jun-04 | 14 | <2 | 31 | 7.96 | RAINFALL STUDY |
| T13 | 29-Jun-04 | 13.5 | =2 | 32 | 7.86 | RAINFALL STUDY |
| T14 | 29-Jun-04 | 14.5 | =240 | 30 | 7.85 | RAINFALL STUDY |
| T6 | 29-Jun-04 | 14.5 | =7.8 | 31 | 7.90 | RAINFALL STUDY |
| T7 | 29-Jun-04 | 18.5 | =170 | 20 | 7.69 | RAINFALL STUDY |
| LHB1 | 30-Jun-04 | 13.5 | =13 | 32 | 7.93 | RAINFALL STUDY |
| LHB13 | 30-Jun-04 | 14 | =33 | 32 | 7.93 | RAINFALL STUDY |
| LHB16 | 30-Jun-04 | 15 | =4.5 | 31 | 7.94 | RAINFALL STUDY |
| LHB2 | 30-Jun-04 | 13 | =2 | 32 | 7.96 | RAINFALL STUDY |
| LHB5 | 30-Jun-04 | 15 | =33 | 31 | 7.94 | RAINFALL STUDY |
| LHB6 | 30-Jun-04 | 14.5 | =7.8 | 32 | 7.93 | RAINFALL STUDY |
| LHB8 | 30-Jun-04 | 15 | =14 | 31 | 7.94 | RAINFALL STUDY |
| LHB9 | 30-Jun-04 | 14.5 | =11 | 31 | 7.96 | RAINFALL STUDY |
| LHNC1 | 30-Jun-04 | 17 | <2 | 31 | 7.97 | RAINFALL STUDY |
| LNCP1 | 30-Jun-04 | 17 | =7.8 | 31 | 7.94 | RAINFALL STUDY |
| T13 | 30-Jun-04 | 14 | =17 | 32 | 7.96 | RAINFALL STUDY |
| T14 | 30-Jun-04 | 15 | =79 | 31 | 7.93 | RAINFALL STUDY |
| T6 | 30-Jun-04 | 14.5 | =4.5 | 32 | 7.98 | RAINFALL STUDY |
| T7 | 30-Jun-04 | 21 | =170 | 15 | 7.70 | RAINFALL STUDY |
| AC10 | 06-Jul-04 | 13.5 | =2 | 30 | | OPEN STATUS |

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|---|---|---|---|---|---|
| AC1A | 06-Jul-04 | 14 | =2 | 30 | OPEN STATUS |
| AC2 | 06-Jul-04 | 12 | <2 | 31 | OPEN STATUS |
| AC3 | 06-Jul-04 | 13 | =3.6 | 31 | OPEN STATUS |
| AC3A | 06-Jul-04 | 13 | <2 | 31 | OPEN STATUS |
| AC4C | 06-Jul-04 | 13 | <2 | 31 | OPEN STATUS |
| AC4D | 06-Jul-04 | 13 | =4.5 | 30 | OPEN STATUS |
| AC5A | 06-Jul-04 | 14 | <2 | 30 | OPEN STATUS |
| AC6G | 06-Jul-04 | 14 | =11 | 30 | OPEN STATUS |
| AC7B | 06-Jul-04 | 14 | =11 | 31 | OPEN STATUS |
| AC8 | 06-Jul-04 | 16 | <2 | 31 | OPEN STATUS |
| ACB1A | 12-Jul-04 | 14 | <2 | 31 | SYS RANDOM |
| ACB2 | 12-Jul-04 | 14 | <2 | 31 | SYS RANDOM |
| ACB20 | 12-Jul-04 | 13.5 | <2 | 32 | SYS RANDOM |
| ACB22 | 12-Jul-04 | 15 | <2 | 30 | SYS RANDOM |
| ACB3 | 12-Jul-04 | 14 | <2 | 31 | SYS RANDOM |
| ACB4 | 12-Jul-04 | 14.5 | <2 | 32 | SYS RANDOM |
| ACB5 | 12-Jul-04 | 14 | <2 | 30 | SYS RANDOM |
| ACB6 | 12-Jul-04 | 13 | =4.5 | 31 | SYS RANDOM |
| ACB7 | 12-Jul-04 | 14 | <2 | 31 | SYS RANDOM |
| ACB8 | 12-Jul-04 | 14 | =17 | 30 | SYS RANDOM |
| LHB1 | 14-Jul-04 | 12 | =7.8 | 31 | RAINFALL STUDY |
| LHB13 | 14-Jul-04 | 12.5 | =2 | 31 | RAINFALL STUDY |
| LHB16 | 14-Jul-04 | 13 | =23 | 30 | RAINFALL STUDY |
| LHB2 | 14-Jul-04 | 13 | =14 | 30 | RAINFALL STUDY |
| LHB5 | 14-Jul-04 | 14 | =2 | 30 | RAINFALL STUDY |
| LHB6 | 14-Jul-04 | 14 | =4.5 | 30 | RAINFALL STUDY |
| LHB8 | 14-Jul-04 | 13 | =34 | 30 | RAINFALL STUDY |
| LHB9 | 14-Jul-04 | 14 | =7.8 | 30 | RAINFALL STUDY |
| T13 | 14-Jul-04 | 12.5 | =7.8 | 31 | RAINFALL STUDY |
| T14 | 14-Jul-04 | 15 | =11 | 30 | RAINFALL STUDY |
| T6 | 14-Jul-04 | 14 | =14 | 31 | RAINFALL STUDY |
| T7 | 14-Jul-04 | 17 | =920 | 8 | RAINFALL STUDY |
| LHB1 | 15-Jul-04 | 14 | =7.8 | 31 | RAINFALL STUDY |
| LHB13 | 15-Jul-04 | 14.5 | =7.8 | 30 | RAINFALL STUDY |
| LHB16 | 15-Jul-04 | 15 | =17 | 30 | RAINFALL STUDY |
| LHB2 | 15-Jul-04 | 15 | =4.5 | 32 | RAINFALL STUDY |
| LHB5 | 15-Jul-04 | 15.5 | =2 | 30 | RAINFALL STUDY |
| LHB6 | 15-Jul-04 | 15 | =14 | 31 | RAINFALL STUDY |
| LHB8 | 15-Jul-04 | 15 | =6.1 | 30 | RAINFALL STUDY |
| LHB9 | 15-Jul-04 | 15 | =7.8 | 31 | RAINFALL STUDY |
| T13 | 15-Jul-04 | 14.5 | =7.8 | 31 | RAINFALL STUDY |
| T14 | 15-Jul-04 | 15.5 | =38 | 30 | RAINFALL STUDY |
| T6 | 15-Jul-04 | 15 | =6.8 | 30 | RAINFALL STUDY |
| T7 | 15-Jul-04 | 18 | =49 | 11 | RAINFALL STUDY |
| AC10 | 19-Jul-04 | 17 | =7.8 | 31 | SYS RANDOM |
| AC1A | 19-Jul-04 | 16 | =4.5 | 31 | SYS RANDOM |
| AC2 | 19-Jul-04 | 16.5 | <2 | 30 | SYS RANDOM |
| AC3 | 19-Jul-04 | 17 | =33 | 31 | SYS RANDOM |
| AC3A | 19-Jul-04 | 17 | =33 | 31 | SYS RANDOM |
| AC4C | 19-Jul-04 | 17 | =220 | 30 | SYS RANDOM |
| AC4D | 19-Jul-04 | 17 | =130 | 30 | SYS RANDOM |
| AC5A | 19-Jul-04 | 16 | =11 | 30 | SYS RANDOM |
| AC6G | 19-Jul-04 | 16.5 | <2 | 30 | SYS RANDOM |
| AC7B | 19-Jul-04 | 17 | =6.8 | 30 | SYS RANDOM |
| AC8 | 19-Jul-04 | 18 | =3 | 30 | SYS RANDOM |
| GB16 | 26-Jul-04 | 21 | <2 | 27 | EMERGENCY CLOSURE |
| GB17 | 26-Jul-04 | 20 | <2 | 28 | EMERGENCY CLOSURE |
| GB18 | 26-Jul-04 | 19 | <2 | 30 | EMERGENCY CLOSURE |
| GB19 | 26-Jul-04 | 20 | <2 | 28 | EMERGENCY CLOSURE |
| GB2 | 26-Jul-04 | 20.5 | =7.8 | 27 | EMERGENCY CLOSURE |
| GB25 | 26-Jul-04 | 19 | =2 | 27 | EMERGENCY CLOSURE |
| GB27 | 26-Jul-04 | 20 | =2 | 27 | EMERGENCY CLOSURE |
| GB28 | 26-Jul-04 | 20 | <2 | 28 | EMERGENCY CLOSURE |
| GB4A | 26-Jul-04 | 22 | =7.8 | 26 | EMERGENCY CLOSURE |
| GB5 | 26-Jul-04 | 22 | <2 | 28 | EMERGENCY CLOSURE |
| GB50 | 26-Jul-04 | 21 | <2 | 27 | EMERGENCY CLOSURE |
| GB6 | 26-Jul-04 | 20.5 | =2 | 27 | EMERGENCY CLOSURE |
| GB7A | 26-Jul-04 | 20.5 | <2 | 27 | EMERGENCY CLOSURE |
| GBA10 | 26-Jul-04 | 21 | =11 | 24 | EMERGENCY CLOSURE |
| GBA11.5 | 26-Jul-04 | 20 | =7.8 | 27 | EMERGENCY CLOSURE |

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|---|---|---|---|---|---|---|
| GBNI1 | 27-Jul-04 | 19 | =2 | 29 | 7.68 | BASELINE TISSUE |
| LHB1 | 27-Jul-04 | 16 | =22 | 31 | 7.97 | RAINFALL STUDY |
| LHB13 | 27-Jul-04 | 16 | =2 | 32 | 7.95 | RAINFALL STUDY |
| LHB16 | 27-Jul-04 | 16 | =2 | 31 | 7.92 | RAINFALL STUDY |
| LHB2 | 27-Jul-04 | 16 | =33 | 32 | 7.97 | RAINFALL STUDY |
| LHB5 | 27-Jul-04 | 16.5 | =22 | 32 | 7.93 | RAINFALL STUDY |
| LHB6 | 27-Jul-04 | 16 | =23 | 30 | 7.88 | RAINFALL STUDY |
| LHB8 | 27-Jul-04 | 16 | =33 | 31 | 7.92 | RAINFALL STUDY |
| LHB9 | 27-Jul-04 | 16.5 | =13 | 31 | 7.92 | RAINFALL STUDY |
| LHCP1 | 27-Jul-04 | 16 | =2 | 32 | 7.95 | BASELINE TISSUE |
| LHNC1 | 27-Jul-04 | 16.5 | <2 | 32 | 7.94 | BASELINE TISSUE |
| T13 | 27-Jul-04 | 16 | =46 | 32 | 7.95 | RAINFALL STUDY |
| T14 | 27-Jul-04 | 20 | =130 | 26 | 7.72 | RAINFALL STUDY |
| T6 | 27-Jul-04 | 16 | =14 | 30 | 7.85 | RAINFALL STUDY |
| T7 | 27-Jul-04 | 19.5 | =170 | 13 | 7.58 | RAINFALL STUDY |
| ACB1A | 02-Aug-04 | 15 | =90 | 31 | | SYS RANDOM |
| ACB2 | 02-Aug-04 | 15 | <2 | 31 | | SYS RANDOM |
| ACB20 | 02-Aug-04 | 15 | <2 | 32 | | SYS RANDOM |
| ACB22 | 02-Aug-04 | 14.5 | <2 | 33 | | SYS RANDOM |
| ACB3 | 02-Aug-04 | 15 | =4.5 | 31 | | SYS RANDOM |
| ACB4 | 02-Aug-04 | 14 | <2 | 31 | | SYS RANDOM |
| ACB5 | 02-Aug-04 | 15 | =2 | 32 | | SYS RANDOM |
| ACB6 | 02-Aug-04 | 15.5 | <2 | 31 | | SYS RANDOM |
| ACB7 | 02-Aug-04 | 15.5 | <2 | 33 | | SYS RANDOM |
| ACB8 | 02-Aug-04 | 15 | =2 | 32 | | SYS RANDOM |
| AC10 | 16-Aug-04 | 14 | =2 | 32 | 7.77 | EMERGENCY CLOSURE |
| AC1A | 16-Aug-04 | 13.5 | =2 | 32 | 7.87 | EMERGENCY CLOSURE |
| AC2 | 16-Aug-04 | 13.5 | =23 | 32 | 7.92 | EMERGENCY CLOSURE |
| AC3 | 16-Aug-04 | 14 | =2 | 32 | 7.82 | EMERGENCY CLOSURE |
| AC3A | 16-Aug-04 | 14 | =11 | 32 | 7.90 | EMERGENCY CLOSURE |
| AC4C | 16-Aug-04 | 14 | =23 | 31 | 7.88 | EMERGENCY CLOSURE |
| AC4D | 16-Aug-04 | 14 | =49 | 32 | 7.89 | EMERGENCY CLOSURE |
| AC5A | 16-Aug-04 | 14 | =4.5 | 32 | 7.88 | EMERGENCY CLOSURE |
| AC6G | 16-Aug-04 | 14 | <2 | 32 | 7.90 | EMERGENCY CLOSURE |
| AC7B | 16-Aug-04 | 13.5 | <2 | 32 | 7.90 | EMERGENCY CLOSURE |
| AC8 | 16-Aug-04 | 14.5 | =13 | 31 | 8.00 | EMERGENCY CLOSURE |
| GB16 | 16-Aug-04 | 19 | =22 | 25 | | EMERGENCY CLOSURE |
| GB17 | 16-Aug-04 | 18 | =7.8 | 24 | | EMERGENCY CLOSURE |
| GB19 | 16-Aug-04 | 18 | =7.8 | 27 | | EMERGENCY CLOSURE |
| GB2 | 16-Aug-04 | 18 | =6.8 | 27 | | EMERGENCY CLOSURE |
| GB20 | 16-Aug-04 | 19 | =79 | 16 | | EMERGENCY CLOSURE |
| GB25 | 16-Aug-04 | 18 | =17 | 25 | | EMERGENCY CLOSURE |
| GB27 | 16-Aug-04 | 17.5 | =14 | 24 | | EMERGENCY CLOSURE |
| GB28 | 16-Aug-04 | 18 | =7.8 | 25 | | EMERGENCY CLOSURE |
| GB4A | 16-Aug-04 | 19 | =7.8 | 25 | | EMERGENCY CLOSURE |
| GB5 | 16-Aug-04 | 19 | =23 | 23 | | EMERGENCY CLOSURE |
| GB50 | 16-Aug-04 | 18 | =7.8 | 27 | | EMERGENCY CLOSURE |
| GB6 | 16-Aug-04 | 18 | =4.5 | 28 | | EMERGENCY CLOSURE |
| GB7A | 16-Aug-04 | 18 | =17 | 24 | | EMERGENCY CLOSURE |
| GBA10 | 16-Aug-04 | 18.5 | =70 | 16 | | EMERGENCY CLOSURE |
| GBA11.5 | 16-Aug-04 | 18 | =6.8 | 22 | | EMERGENCY CLOSURE |
| GBNI1 | 16-Aug-04 | 19 | =6.8 | 26 | 7.71 | EMERGENCY CLOSURE |
| GBSP1 | 16-Aug-04 | 19.5 | =79 | 25 | 7.47 | EMERGENCY CLOSURE |
| ACB1A | 17-Aug-04 | 14 | =2 | 32 | 7.99 | EMERGENCY CLOSURE |
| ACB2 | 17-Aug-04 | 14 | <2 | 32 | 7.95 | EMERGENCY CLOSURE |
| ACB20 | 17-Aug-04 | 14.5 | <2 | 33 | 8.02 | EMERGENCY CLOSURE |
| ACB22 | 17-Aug-04 | 14 | <2 | 32 | 8.00 | EMERGENCY CLOSURE |
| ACB3 | 17-Aug-04 | 14 | =2 | 32 | 7.96 | EMERGENCY CLOSURE |
| ACB4 | 17-Aug-04 | 14 | <2 | 32 | 7.96 | EMERGENCY CLOSURE |
| ACB5 | 17-Aug-04 | 14 | <2 | 32 | 7.95 | EMERGENCY CLOSURE |
| ACB6 | 17-Aug-04 | 14 | <2 | 32 | 8.00 | EMERGENCY CLOSURE |
| ACB7 | 17-Aug-04 | 14 | <2 | 32 | 7.95 | EMERGENCY CLOSURE |
| ACB8 | 17-Aug-04 | 14 | =6.8 | 32 | 7.84 | EMERGENCY CLOSURE |
| GB16 | 18-Aug-04 | 20 | =13 | 26 | 7.63 | EMERGENCY CLOSURE |
| GB17 | 18-Aug-04 | 19 | =23 | 29 | 7.83 | EMERGENCY CLOSURE |
| GB19 | 18-Aug-04 | 19 | =7.8 | 28 | 7.85 | EMERGENCY CLOSURE |
| GB2 | 18-Aug-04 | 19 | =4.5 | 27 | 7.79 | EMERGENCY CLOSURE |
| GB20 | 18-Aug-04 | 19.5 | =49 | 15 | 7.68 | EMERGENCY CLOSURE |
| GB25 | 18-Aug-04 | 18 | =2 | 28 | 7.88 | EMERGENCY CLOSURE |
| GB27 | 18-Aug-04 | 18 | =4.5 | 28 | 7.83 | EMERGENCY CLOSURE |

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|---|---|---|---|---|---|
| GB28 | 18-Aug-04 | 19 | =17 | 28 | 7.83 | EMERGENCY CLOSURE |
| GB4A | 18-Aug-04 | 20 | =130 | 21 | 7.67 | EMERGENCY CLOSURE |
| GB5 | 18-Aug-04 | 20 | <2 | 27 | 7.72 | EMERGENCY CLOSURE |
| GB50 | 18-Aug-04 | 19.5 | =2 | 25 | 7.73 | EMERGENCY CLOSURE |
| GB6 | 18-Aug-04 | 19 | =2 | 28 | 7.81 | EMERGENCY CLOSURE |
| GB7A | 18-Aug-04 | 19.5 | =4.5 | 28 | 7.88 | EMERGENCY CLOSURE |
| GBA10 | 18-Aug-04 | 19 | =110 | 19 | 7.7 | EMERGENCY CLOSURE |
| GBA11.5 | 18-Aug-04 | 18 | =33 | 29 | 7.82 | EMERGENCY CLOSURE |
| GBNI1 | 18-Aug-04 | 20 | =2 | 27 | 7.85 | EMERGENCY CLOSURE |
| GBSP1 | 18-Aug-04 | 19 | =7.8 | 26 | 7.67 | EMERGENCY CLOSURE |
| AC10 | 23-Aug-04 | 12 | =7.8 | 28 | | SYS RANDOM |
| AC1A | 23-Aug-04 | 13 | =4.5 | 27 | | SYS RANDOM |
| AC2 | 23-Aug-04 | 13 | =7.8 | 26 | | SYS RANDOM |
| AC3 | 23-Aug-04 | 13 | =2 | 25 | | SYS RANDOM |
| AC3A | 23-Aug-04 | 13 | =13 | 25 | | SYS RANDOM |
| AC4C | 23-Aug-04 | 12.5 | =33 | 28 | | SYS RANDOM |
| AC4D | 23-Aug-04 | 12.5 | =49 | 26 | | SYS RANDOM |
| AC5A | 23-Aug-04 | 12 | =13 | 27 | | SYS RANDOM |
| AC6G | 23-Aug-04 | 12.5 | =49 | 27 | | SYS RANDOM |
| AC7B | 23-Aug-04 | 12.5 | =49 | 23 | | SYS RANDOM |
| AC8 | 23-Aug-04 | 12.5 | =9 | 26 | | SYS RANDOM |
| LHB1 | 23-Aug-04 | 13 | =11 | 30 | 7.81 | RAINFALL STUDY |
| LHB13 | 23-Aug-04 | 14 | =17 | 30 | 7.82 | RAINFALL STUDY |
| LHB16 | 23-Aug-04 | 13 | =11 | 30 | 7.86 | RAINFALL STUDY |
| LHB2 | 23-Aug-04 | 14 | =33 | 31 | 7.82 | RAINFALL STUDY |
| LHB5 | 23-Aug-04 | 15 | =4.5 | 30 | 7.8 | RAINFALL STUDY |
| LHB6 | 23-Aug-04 | 15 | =26 | 27 | 7.72 | RAINFALL STUDY |
| LHB8 | 23-Aug-04 | 15 | =33 | 30 | 7.79 | RAINFALL STUDY |
| LHB9 | 23-Aug-04 | 13 | =4.5 | 31 | 7.83 | RAINFALL STUDY |
| LHCP1 | 23-Aug-04 | 15 | =7.8 | 31 | 7.90 | RAINFALL STUDY |
| LHNC1 | 23-Aug-04 | 15 | =22 | 30 | 7.85 | RAINFALL STUDY |
| T13 | 23-Aug-04 | 14 | =26 | 31 | 7.84 | RAINFALL STUDY |
| T6 | 23-Aug-04 | 15 | =33 | 24 | 7.67 | RAINFALL STUDY |
| LHB1 | 24-Aug-04 | 12.5 | =79 | 30.4 | | RAINFALL STUDY |
| LHB13 | 24-Aug-04 | 14 | =2 | 29.5 | | RAINFALL STUDY |
| LHB16 | 24-Aug-04 | 15 | =9.3 | 28.4 | | RAINFALL STUDY |
| LHB2 | 24-Aug-04 | 12.5 | =540 | 30.6 | | RAINFALL STUDY |
| LHB5 | 24-Aug-04 | 15 | =4.5 | 28.3 | | RAINFALL STUDY |
| LHB6 | 24-Aug-04 | 15 | =14 | 26.3 | | RAINFALL STUDY |
| LHB8 | 24-Aug-04 | 15 | =9.3 | 29.3 | | RAINFALL STUDY |
| LHB9 | 24-Aug-04 | 14 | =6.8 | 29.3 | | RAINFALL STUDY |
| LHCP1 | 24-Aug-04 | 15 | =2 | 29 | 7.89 | RAINFALL STUDY |
| LHNC1 | 24-Aug-04 | 14.5 | =13 | 30 | 7.88 | RAINFALL STUDY |
| T13 | 24-Aug-04 | 14 | =23 | 30.4 | | RAINFALL STUDY |
| T6 | 24-Aug-04 | 15 | =13 | 26.9 | | RAINFALL STUDY |
| LHB1 | 25-Aug-04 | 14 | <2 | 30 | | RAINFALL STUDY |
| LHB13 | 25-Aug-04 | 14.5 | =17 | 29.4 | | RAINFALL STUDY |
| LHB16 | 25-Aug-04 | 15 | =2 | 28 | | RAINFALL STUDY |
| LHB2 | 25-Aug-04 | 14 | =4.5 | 30.1 | | RAINFALL STUDY |
| LHB5 | 25-Aug-04 | 15.5 | =4.5 | 28.2 | | RAINFALL STUDY |
| LHB6 | 25-Aug-04 | 15 | =11 | 27.6 | | RAINFALL STUDY |
| LHB8 | 25-Aug-04 | 15.5 | =7.8 | 29.1 | | RAINFALL STUDY |
| LHB9 | 25-Aug-04 | 14.5 | =4.5 | 29.1 | | RAINFALL STUDY |
| LHCP1 | 25-Aug-04 | 16 | =2 | 29 | 7.83 | RAINFALL STUDY |
| LHNC1 | 25-Aug-04 | 16 | =7.8 | 29 | 7.72 | RAINFALL STUDY |
| T13 | 25-Aug-04 | 13.5 | =14 | 30.3 | | RAINFALL STUDY |
| T6 | 25-Aug-04 | 15.5 | =11 | 27.5 | | RAINFALL STUDY |
| LHB1 | 26-Aug-04 | 14.5 | =49 | 30.1 | 7.91 | RAINFALL STUDY |
| LHB13 | 26-Aug-04 | 15.5 | =33 | 29.6 | 7.93 | RAINFALL STUDY |
| LHB16 | 26-Aug-04 | 16 | =6.8 | 28.5 | 7.81 | RAINFALL STUDY |
| LHB2 | 26-Aug-04 | 14.5 | =79 | 30.3 | 7.92 | RAINFALL STUDY |
| LHB5 | 26-Aug-04 | 16.5 | =6.8 | 28.2 | 7.78 | RAINFALL STUDY |
| LHB6 | 26-Aug-04 | 16 | =4 | 29.0 | 7.82 | RAINFALL STUDY |
| LHB8 | 26-Aug-04 | 16 | =70 | 29.3 | 7.84 | RAINFALL STUDY |
| LHB9 | 26-Aug-04 | 16 | =23 | 29.1 | 7.72 | RAINFALL STUDY |
| LHCP1 | 26-Aug-04 | 17 | =23 | 29.2 | 7.89 | RAINFALL STUDY |
| T13 | 26-Aug-04 | 15 | =240 | 30.2 | 7.91 | RAINFALL STUDY |
| T6 | 26-Aug-04 | 16 | =11 | 29.3 | 7.88 | RAINFALL STUDY |
| AC10 | 01-Sep-04 | | =4.5 | | | SYS RANDOM |
| AC1A | 01-Sep-04 | | =2 | | | SYS RANDOM |

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|---|---|---|---|---|---|---|
| AC2 | 01-Sep-04 | | =2 | | | SYS RANDOM |
| AC3 | 01-Sep-04 | | =2 | | | SYS RANDOM |
| AC3A | 01-Sep-04 | | =2 | | | SYS RANDOM |
| AC4C | 01-Sep-04 | | =240 | | | SYS RANDOM |
| AC4D | 01-Sep-04 | | =13 | | | SYS RANDOM |
| AC5A | 01-Sep-04 | | =13 | | | SYS RANDOM |
| AC6G | 01-Sep-04 | | =17 | | | SYS RANDOM |
| AC7B | 01-Sep-04 | | =17 | | | SYS RANDOM |
| AC8 | 01-Sep-04 | | =4 | | | SYS RANDOM |
| RH1 | 01-Sep-04 | | =540 | | | SYS RANDOM |
| RH2 | 01-Sep-04 | | =240 | | | SYS RANDOM |
| RH3 | 01-Sep-04 | | =72 | | | SYS RANDOM |
| RH4 | 01-Sep-04 | | =1600 | | | SYS RANDOM |
| HH10 | 07-Sep-04 | 15 | =23 | 32 | 7.90 | SYS RANDOM |
| HH11 | 07-Sep-04 | 14.5 | =350 | 33 | 7.95 | SYS RANDOM |
| HH12 | 07-Sep-04 | 15 | =120 | 32 | 7.95 | SYS RANDOM |
| HH17 | 07-Sep-04 | 15 | =240 | 33 | 7.95 | SYS RANDOM |
| HH18 | 07-Sep-04 | 15.5 | =130 | 32 | 7.95 | SYS RANDOM |
| HH19 | 07-Sep-04 | 15 | =79 | 33 | 7.92 | SYS RANDOM |
| HH1A | 07-Sep-04 | 15 | =240 | 33 | 7.93 | SYS RANDOM |
| HH2B | 07-Sep-04 | 15 | =180 | 32 | 7.97 | SYS RANDOM |
| HH30 | 07-Sep-04 | 16 | =13 | 31 | 7.77 | SYS RANDOM |
| HH31 | 07-Sep-04 | 16 | =7.8 | 30 | 7.73 | SYS RANDOM |
| HH32 | 07-Sep-04 | 17 | =6.8 | 30 | 7.76 | SYS RANDOM |
| HH33 | 07-Sep-04 | 17 | =4.5 | 30 | 7.70 | SYS RANDOM |
| HH34 | 07-Sep-04 | 16.5 | =2 | 30 | 7.67 | SYS RANDOM |
| HH35 | 07-Sep-04 | 15.5 | =33 | 32 | 7.91 | SYS RANDOM |
| HH36 | 07-Sep-04 | 16 | =23 | 32 | 7.89 | SYS RANDOM |
| HH37 | 07-Sep-04 | 16 | =33 | 32 | 7.86 | SYS RANDOM |
| HH5B | 07-Sep-04 | 15 | =13 | 32 | 7.89 | SYS RANDOM |
| HH5C | 07-Sep-04 | 15 | =17 | 32 | 7.91 | SYS RANDOM |
| GB16 | 13-Sep-04 | 18 | =13 | 24 | 7.81 | SYS RANDOM |
| GB17 | 13-Sep-04 | 17 | =4.5 | 26 | 7.81 | SYS RANDOM |
| GB18 | 13-Sep-04 | 17 | =46 | 26 | 7.77 | SYS RANDOM |
| GB19 | 13-Sep-04 | 17.5 | =4.5 | 26 | 7.86 | SYS RANDOM |
| GB2 | 13-Sep-04 | 17 | =49 | 25 | 7.82 | SYS RANDOM |
| GB20 | 13-Sep-04 | 16.5 | =920 | 10 | 7.39 | SYS RANDOM |
| GB21 | 13-Sep-04 | 16 | =240 | 8 | 7.30 | SYS RANDOM |
| GB22 | 13-Sep-04 | 16 | =220 | 9 | 7.30 | SYS RANDOM |
| GB24 | 13-Sep-04 | 17 | =13 | 26 | 7.62 | SYS RANDOM |
| GB25 | 13-Sep-04 | 17 | =110 | 24 | 7.71 | SYS RANDOM |
| GB27 | 13-Sep-04 | 17 | =23 | 26 | 7.80 | SYS RANDOM |
| GB28 | 13-Sep-04 | 17.5 | =23 | 26 | 7.85 | SYS RANDOM |
| GB33 | 13-Sep-04 | 17.5 | =79 | 21 | 7.69 | SYS RANDOM |
| GB34 | 13-Sep-04 | 17.5 | =49 | 23 | 7.73 | SYS RANDOM |
| GB4A | 13-Sep-04 | 18 | =31 | 22 | 7.83 | SYS RANDOM |
| GB5 | 13-Sep-04 | 18 | =13 | 24 | 7.77 | SYS RANDOM |
| GB50 | 13-Sep-04 | 17.5 | =33 | 26 | 7.80 | SYS RANDOM |
| GB6 | 13-Sep-04 | 17 | =7.8 | 26 | 7.84 | SYS RANDOM |
| GB7A | 13-Sep-04 | 17.5 | =17 | 25 | 7.88 | SYS RANDOM |
| GB81 | 13-Sep-04 | 18 | =110 | 16 | 7.69 | SYS RANDOM |
| GBA10 | 13-Sep-04 | 16.5 | =170 | 14 | 7.51 | SYS RANDOM |
| GBA11.5 | 13-Sep-04 | 17 | =350 | 16 | 7.59 | SYS RANDOM |
| GBA7 | 13-Sep-04 | 16 | =350 | 8 | 7.38 | SYS RANDOM |
| ACB1A | 15-Sep-04 | 13 | =2 | | | SYS RANDOM |
| ACB2 | 15-Sep-04 | 13 | =4.5 | | | SYS RANDOM |
| ACB20 | 15-Sep-04 | 13 | <2 | | | SYS RANDOM |
| ACB22 | 15-Sep-04 | 13 | <2 | | | SYS RANDOM |
| ACB3 | 15-Sep-04 | 13.5 | <2 | | | SYS RANDOM |
| ACB4 | 15-Sep-04 | 13 | <2 | | | SYS RANDOM |
| ACB5 | 15-Sep-04 | 13 | =2 | | | SYS RANDOM |
| ACB6 | 15-Sep-04 | 13 | <2 | | | SYS RANDOM |
| ACB7 | 15-Sep-04 | 13 | <2 | | | SYS RANDOM |
| ACB8 | 15-Sep-04 | 14 | =4 | | | SYS RANDOM |
| LHB1 | 23-Sep-04 | 13 | =11 | 31 | 7.86 | SYS RANDOM |
| LHB13 | 23-Sep-04 | 15 | =23 | 30 | 7.93 | SYS RANDOM |
| LHB16 | 23-Sep-04 | 15.5 | =31 | 28 | 7.90 | SYS RANDOM |
| LHB2 | 23-Sep-04 | 14.5 | =7.8 | 31 | 7.91 | SYS RANDOM |
| LHB5 | 23-Sep-04 | 15 | =17 | 28 | 7.85 | SYS RANDOM |
| LHB6 | 23-Sep-04 | 16 | =23 | 29 | 7.86 | SYS RANDOM |

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|---|---|---|---|---|---|---|
| LHB8 | 23-Sep-04 | 15.5 | =11 | 30 | 7.89 | SYS RANDOM |
| LHB9 | 23-Sep-04 | 15 | =13 | 30 | 7.73 | SYS RANDOM |
| T13 | 23-Sep-04 | 15 | =17 | 31 | 7.90 | SYS RANDOM |
| T14 | 23-Sep-04 | 15 | =23 | 22 | 7.54 | SYS RANDOM |
| T6 | 23-Sep-04 | 16 | =17 | 29 | 7.85 | SYS RANDOM |
| T7 | 23-Sep-04 | 14 | =31 | 2 | 7.51 | SYS RANDOM |
| GBNI1 | 28-Sep-04 | 16 | =7.8 | 23 | 7.66 | BASELINE TISSUE |
| GBSP1 | 28-Sep-04 | 15 | =33 | 4 | 7.53 | BASELINE TISSUE |
| LHNC1 | 28-Sep-04 | 13 | =70 | 31 | 7.63 | BASELINE TISSUE |
| LHB1 | 29-Sep-04 | 11 | =13 | 31 | 7.80 | RAINFALL STUDY |
| LHB13 | 29-Sep-04 | 11 | =46 | 30 | 7.79 | RAINFALL STUDY |
| LHB16 | 29-Sep-04 | 11 | =33 | 29 | 7.77 | RAINFALL STUDY |
| LHB2 | 29-Sep-04 | 11 | =27 | 31 | 7.78 | RAINFALL STUDY |
| LHB5 | 29-Sep-04 | 12 | =49 | 29 | 7.80 | RAINFALL STUDY |
| LHB6 | 29-Sep-04 | 11 | =21 | 31 | 7.78 | RAINFALL STUDY |
| LHB8 | 29-Sep-04 | 11.5 | =46 | 30 | 7.77 | RAINFALL STUDY |
| LHB9 | 29-Sep-04 | 12 | =110 | 28 | 7.71 | RAINFALL STUDY |
| T13 | 29-Sep-04 | 11 | =33 | 31 | 7.79 | RAINFALL STUDY |
| T6 | 29-Sep-04 | 11 | =49 | 30 | 7.74 | RAINFALL STUDY |
| LHNC1 | 30-Sep-04 | 11.5 | =49 | 30 | 7.73 | RAINFALL STUDY |
| GB16 | 04-Oct-04 | 14 | =4.5 | 25 | 7.81 | SYS RANDOM |
| GB17 | 04-Oct-04 | 12 | =6.8 | 29 | 7.80 | SYS RANDOM |
| GB18 | 04-Oct-04 | 13 | =4.5 | 29 | 7.81 | SYS RANDOM |
| GB19 | 04-Oct-04 | 13 | =4.5 | 28 | 7.86 | SYS RANDOM |
| GB2 | 04-Oct-04 | 12 | =7.8 | 27 | 7.84 | SYS RANDOM |
| GB20 | 04-Oct-04 | 13 | =13 | 20 | 7.71 | SYS RANDOM |
| GB21 | 04-Oct-04 | 12 | =49 | 13 | 7.51 | SYS RANDOM |
| GB22 | 04-Oct-04 | 12 | =79 | 13 | 7.55 | SYS RANDOM |
| GB24 | 04-Oct-04 | 12 | =11 | 29 | 7.78 | SYS RANDOM |
| GB25 | 04-Oct-04 | 12 | =6.8 | 29 | 7.79 | SYS RANDOM |
| GB27 | 04-Oct-04 | 12 | =4.5 | 28 | 7.83 | SYS RANDOM |
| GB28 | 04-Oct-04 | 13 | =4 | 28 | 7.85 | SYS RANDOM |
| GB33 | 04-Oct-04 | 11 | =17 | 26 | 7.73 | SYS RANDOM |
| GB34 | 04-Oct-04 | 11.5 | =4 | 27 | 7.8 | SYS RANDOM |
| GB4A | 04-Oct-04 | 13 | =27 | 22 | 7.78 | SYS RANDOM |
| GB5 | 04-Oct-04 | 14 | =4.5 | 25 | 7.84 | SYS RANDOM |
| GB50 | 04-Oct-04 | 12.5 | =7.8 | 27 | 7.84 | SYS RANDOM |
| GB6 | 04-Oct-04 | 13 | =4.5 | 27 | 7.84 | SYS RANDOM |
| GB7A | 04-Oct-04 | 13 | =7.8 | 26 | 7.77 | SYS RANDOM |
| GB81 | 04-Oct-04 | 13 | =13 | 22 | 7.78 | SYS RANDOM |
| GBA10 | 04-Oct-04 | 12.5 | =13 | 24 | 7.76 | SYS RANDOM |
| GBA11.5 | 04-Oct-04 | 12.5 | =2 | 26 | 7.80 | SYS RANDOM |
| GBA7 | 04-Oct-04 | 12 | =33 | 14 | 7.58 | SYS RANDOM |
| AC10 | 11-Oct-04 | 10.5 | =46 | 33 | | SYS RANDOM |
| AC1A | 11-Oct-04 | 10 | =21 | 33 | | SYS RANDOM |
| AC2 | 11-Oct-04 | 11 | =2 | 33 | | SYS RANDOM |
| AC3 | 11-Oct-04 | 10.5 | =49 | 32 | | SYS RANDOM |
| AC3A | 11-Oct-04 | 10.5 | =49 | 32 | | SYS RANDOM |
| AC4C | 11-Oct-04 | 10.5 | =4 | 33 | | SYS RANDOM |
| AC4D | 11-Oct-04 | 10.5 | =2 | 32 | | SYS RANDOM |
| AC5A | 11-Oct-04 | 11 | <2 | 33 | | SYS RANDOM |
| AC6G | 11-Oct-04 | 10.5 | =7.8 | 33 | | SYS RANDOM |
| AC7B | 11-Oct-04 | 11 | =79 | 33 | | SYS RANDOM |
| AC8 | 11-Oct-04 | 10 | =7.8 | 31 | | SYS RANDOM |
| RH1 | 11-Oct-04 | 11 | =70 | 32 | | SYS RANDOM |
| RH2 | 11-Oct-04 | 10.5 | =49 | 33 | | SYS RANDOM |
| RH3 | 11-Oct-04 | 9.5 | =23 | 33 | | SYS RANDOM |
| RH4 | 11-Oct-04 | 11 | =28 | 33 | | SYS RANDOM |
| HH10 | 13-Oct-04 | 10.5 | =13 | 33 | | SYS RANDOM |
| HH11 | 13-Oct-04 | 10 | =7.8 | 33 | | SYS RANDOM |
| HH12 | 13-Oct-04 | 10.5 | =33 | 33 | | SYS RANDOM |
| HH17 | 13-Oct-04 | 11 | =4 | 33 | | SYS RANDOM |
| HH18 | 13-Oct-04 | 11 | =33 | 33 | | SYS RANDOM |
| HH19 | 13-Oct-04 | 11 | =4.5 | 33 | | SYS RANDOM |
| HH1A | 13-Oct-04 | 11 | =4.5 | 33 | | SYS RANDOM |
| HH2B | 13-Oct-04 | 10 | =23 | 33 | | SYS RANDOM |
| HH30 | 13-Oct-04 | 10 | =49 | 32 | 7.87 | SYS RANDOM |
| HH31 | 13-Oct-04 | 10 | =79 | 30 | 7.76 | SYS RANDOM |
| HH32 | 13-Oct-04 | 10 | =23 | 31 | 7.64 | SYS RANDOM |
| HH33 | 13-Oct-04 | 10.5 | =17 | 29 | 7.69 | SYS RANDOM |

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|---|---|---|---|---|---|---|
| HH34 | 13-Oct-04 | 10 | =23 | 32 | 7.82 | SYS RANDOM |
| HH35 | 13-Oct-04 | 10.5 | =14 | 33 | | SYS RANDOM |
| HH36 | 13-Oct-04 | 10 | =13 | 33 | | SYS RANDOM |
| HH37 | 13-Oct-04 | 10.5 | =22 | 32 | | SYS RANDOM |
| HH5B | 13-Oct-04 | 10 | =17 | 32 | | SYS RANDOM |
| HH5C | 13-Oct-04 | 10 | =2 | 33 | | SYS RANDOM |
| GBAP1 | 14-Oct-04 | 11.5 | =4.5 | 27 | 7.88 | BASELINE TISSUE |
| GBNI1 | 14-Oct-04 | 11 | =4 | 26 | 7.66 | BASELINE TISSUE |
| LHB1 | 14-Oct-04 | 10 | <2 | 31 | 7.87 | RAINFALL STUDY |
| LHB13 | 14-Oct-04 | 10 | =46 | 31 | 7.86 | RAINFALL STUDY |
| LHB16 | 14-Oct-04 | 10 | =33 | 30 | 7.81 | RAINFALL STUDY |
| LHB2 | 14-Oct-04 | 10.5 | =2 | 31 | 7.86 | RAINFALL STUDY |
| LHB5 | 14-Oct-04 | 10.5 | =4.5 | 29 | 7.80 | RAINFALL STUDY |
| LHB6 | 14-Oct-04 | 10 | =11 | 31 | 7.75 | RAINFALL STUDY |
| LHB9 | 14-Oct-04 | 10 | =23 | 29 | 7.82 | RAINFALL STUDY |
| LHCP1 | 14-Oct-04 | 10.5 | =33 | 31 | 7.67 | BASELINE TISSUE |
| LHSG1 | 14-Oct-04 | 10.5 | =23 | 31 | 7.79 | BASELINE TISSUE |
| GB16 | 18-Oct-04 | 10.5 | =49 | 25 | | RAINFALL STUDY |
| GB19 | 18-Oct-04 | 11 | =17 | 26 | | RAINFALL STUDY |
| GB4A | 18-Oct-04 | 11 | =350 | 20 | | RAINFALL STUDY |
| GB5 | 18-Oct-04 | 10.5 | =170 | 25 | | RAINFALL STUDY |
| GB6 | 18-Oct-04 | 10.5 | =170 | 26 | | RAINFALL STUDY |
| GB7A | 18-Oct-04 | 11 | =79 | 26 | | RAINFALL STUDY |
| GBAP1 | 18-Oct-04 | 10.5 | =79 | 26 | 7.87 | RAINFALL STUDY |
| GBNI1 | 18-Oct-04 | 10.5 | =33 | 24 | 7.84 | RAINFALL STUDY |
| HH10 | 18-Oct-04 | 9.5 | =240 | 27 | | RAINFALL STUDY |
| HH11 | 18-Oct-04 | 9.5 | =170 | 28 | | RAINFALL STUDY |
| HH12 | 18-Oct-04 | 9.5 | =130 | 30 | | RAINFALL STUDY |
| HH17 | 18-Oct-04 | 9 | =110 | 29 | | RAINFALL STUDY |
| HH18 | 18-Oct-04 | 9.5 | =49 | 27 | | RAINFALL STUDY |
| HH19 | 18-Oct-04 | 9 | =170 | 26 | | RAINFALL STUDY |
| HH1A | 18-Oct-04 | 9.5 | =64 | 32 | | RAINFALL STUDY |
| HH2B | 18-Oct-04 | 9.5 | =240 | 25 | | RAINFALL STUDY |
| HH5B | 18-Oct-04 | 10 | =1600 | 25 | | RAINFALL STUDY |
| HH5C | 18-Oct-04 | 9.5 | =350 | 25 | | RAINFALL STUDY |
| HHHR1 | 18-Oct-04 | 10 | =240 | 28 | 7.82 | RAINFALL STUDY |
| HHMG1 | 18-Oct-04 | 10 | =540 | 31 | 7.79 | RAINFALL STUDY |
| LHB1 | 18-Oct-04 | 9 | =79 | 30 | | RAINFALL STUDY |
| LHB13 | 18-Oct-04 | 10 | =21 | 31 | | RAINFALL STUDY |
| LHB16 | 18-Oct-04 | 10 | =11 | 31 | | RAINFALL STUDY |
| LHB2 | 18-Oct-04 | 10 | =22 | 31 | | RAINFALL STUDY |
| LHB5 | 18-Oct-04 | 10 | =12 | 32 | | RAINFALL STUDY |
| LHB6 | 18-Oct-04 | 9 | =540 | 23 | | RAINFALL STUDY |
| LHB9 | 18-Oct-04 | 10 | =4 | 30 | | RAINFALL STUDY |
| LHCP1 | 18-Oct-04 | 9.5 | =33 | 31 | 7.77 | RAINFALL STUDY |
| LHSG1 | 18-Oct-04 | 9.5 | =7.8 | 30 | 7.70 | RAINFALL STUDY |
| HH10 | 19-Oct-04 | 10 | =49 | 31 | 7.87 | SYS RANDOM |
| HH11 | 19-Oct-04 | 10 | =49 | 31 | 7.89 | SYS RANDOM |
| HH12 | 19-Oct-04 | 9.5 | =70 | 32 | 7.89 | SYS RANDOM |
| HH17 | 19-Oct-04 | 10 | =79 | 32 | 7.88 | SYS RANDOM |
| HH18 | 19-Oct-04 | 9.5 | =110 | 31 | 7.89 | SYS RANDOM |
| HH19 | 19-Oct-04 | 10 | =79 | 31 | 7.90 | SYS RANDOM |
| HH1A | 19-Oct-04 | 9.5 | =79 | 32 | 7.96 | SYS RANDOM |
| HH2B | 19-Oct-04 | 10 | =79 | 30 | 7.88 | SYS RANDOM |
| HH30 | 19-Oct-04 | 9 | =540 | 28 | 7.76 | SYS RANDOM |
| HH31 | 19-Oct-04 | 9.5 | =170 | 22 | 7.71 | SYS RANDOM |
| HH32 | 19-Oct-04 | 10 | =49 | 25 | 7.67 | SYS RANDOM |
| HH33 | 19-Oct-04 | 9 | =540 | 27 | 7.74 | SYS RANDOM |
| HH34 | 19-Oct-04 | 10 | =140 | 26 | 7.75 | SYS RANDOM |
| HH35 | 19-Oct-04 | 9.5 | =240 | 31 | 7.90 | SYS RANDOM |
| HH36 | 19-Oct-04 | 10 | =110 | 28 | 7.84 | SYS RANDOM |
| HH37 | 19-Oct-04 | 10 | =110 | 27 | 7.79 | SYS RANDOM |
| HH5B | 19-Oct-04 | 10 | =33 | 31 | 7.87 | SYS RANDOM |
| HH5C | 19-Oct-04 | 9.5 | =79 | 31 | 7.87 | SYS RANDOM |
| HHHR1 | 19-Oct-04 | 9.5 | =23 | 32 | 7.95 | RAINFALL STUDY |
| HHMG1 | 19-Oct-04 | 9.5 | =170 | 30 | 7.88 | RAINFALL STUDY |
| GB16 | 20-Oct-04 | 8 | =33 | 24 | | RAINFALL STUDY |
| GB19 | 20-Oct-04 | 10 | =23 | 27 | | RAINFALL STUDY |
| GB4A | 20-Oct-04 | 8 | =70 | 20 | | RAINFALL STUDY |
| GB5 | 20-Oct-04 | 7.5 | =31 | 25 | | RAINFALL STUDY |

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|---|---|---|---|---|---|
| GB6 | 20-Oct-04 9 | =13 | 26 | | RAINFALL STUDY |
| GB7A | 20-Oct-04 8.5 | =17 | 25 | | RAINFALL STUDY |
| GBAP1 | 20-Oct-04 8 | =17 | 25 | 7.93 | RAINFALL STUDY |
| GBNI1 | 20-Oct-04 8.5 | =14 | 25 | 7.87 | RAINFALL STUDY |
| LHB1 | 20-Oct-04 9 | =2.9 | 30 | | RAINFALL STUDY |
| LHB13 | 20-Oct-04 8.5 | =1.8 | 30 | | RAINFALL STUDY |
| LHB16 | 20-Oct-04 9 | =4.5 | 30 | | RAINFALL STUDY |
| LHB2 | 20-Oct-04 9 | =4.5 | 30 | | RAINFALL STUDY |
| LHB5 | 20-Oct-04 8.5 | =6.8 | 30 | | RAINFALL STUDY |
| LHB6 | 20-Oct-04 7 | =79 | 27 | | RAINFALL STUDY |
| LHB9 | 20-Oct-04 8 | =26 | 31 | | RAINFALL STUDY |
| LHCP1 | 20-Oct-04 8.5 | =4.5 | 30 | 7.98 | RAINFALL STUDY |
| LHSG1 | 20-Oct-04 8 | =7.8 | 30 | 7.94 | RAINFALL STUDY |
| GB16 | 21-Oct-04 8 | =4 | 24 | | RAINFALL STUDY |
| GB19 | 21-Oct-04 8 | =4.5 | 26 | | RAINFALL STUDY |
| GB4A | 21-Oct-04 8 | =23 | 20 | | RAINFALL STUDY |
| GB5 | 21-Oct-04 8 | =4 | 25 | | RAINFALL STUDY |
| GB6 | 21-Oct-04 7.5 | <2 | 26 | | RAINFALL STUDY |
| GB7A | 21-Oct-04 8 | =2 | 26 | | RAINFALL STUDY |
| LHB1 | 21-Oct-04 7.5 | =4.3 | 32 | | RAINFALL STUDY |
| LHB13 | 21-Oct-04 7.5 | =4.5 | 32 | | RAINFALL STUDY |
| LHB16 | 21-Oct-04 8 | <2 | 31 | | RAINFALL STUDY |
| LHB2 | 21-Oct-04 7.5 | =1.8 | 32 | | RAINFALL STUDY |
| LHB5 | 21-Oct-04 7.5 | <2 | 31 | | RAINFALL STUDY |
| LHB6 | 21-Oct-04 7.5 | =4.5 | 30 | | RAINFALL STUDY |
| LHB9 | 21-Oct-04 9 | =2 | 32 | | RAINFALL STUDY |
| AC10 | 25-Oct-04 8 | =4.5 | 33 | | SYS RANDOM |
| AC1A | 25-Oct-04 8 | =79 | 33 | | SYS RANDOM |
| AC2 | 25-Oct-04 8 | =17 | 33 | | SYS RANDOM |
| AC3 | 25-Oct-04 8 | =49 | 33 | | SYS RANDOM |
| AC3A | 25-Oct-04 8 | =23 | 32 | | SYS RANDOM |
| AC4C | 25-Oct-04 8 | =7.8 | 33 | | SYS RANDOM |
| AC5A | 25-Oct-04 8 | =13 | 33 | | SYS RANDOM |
| AC6G | 25-Oct-04 8 | <2 | 32 | | SYS RANDOM |
| AC7B | 25-Oct-04 8 | =1.8 | 33 | | SYS RANDOM |
| AC8 | 25-Oct-04 8 | =6.4 | 31 | | SYS RANDOM |
| LHCP1 | 25-Oct-04 8 | =2 | 31 | 7.89 | RAINFALL STUDY |
| LHSG1 | 25-Oct-04 8 | =1.8 | 31 | 7.90 | RAINFALL STUDY |
| GB16 | 26-Oct-04 7 | =4.5 | 26 | 7.78 | SYS RANDOM |
| GB17 | 26-Oct-04 7 | =6.8 | 27 | 7.86 | SYS RANDOM |
| GB18 | 26-Oct-04 7 | =4.5 | 29 | 7.85 | SYS RANDOM |
| GB19 | 26-Oct-04 7 | =7.8 | 28 | 7.84 | SYS RANDOM |
| GB2 | 26-Oct-04 7.5 | =4.5 | 28 | 7.87 | SYS RANDOM |
| GB20 | 26-Oct-04 6.5 | =1.8 | 21 | 7.82 | SYS RANDOM |
| GB21 | 26-Oct-04 7 | =4.5 | 17 | 7.72 | SYS RANDOM |
| GB22 | 26-Oct-04 7 | =13 | 18 | 7.67 | SYS RANDOM |
| GB24 | 26-Oct-04 7 | =7.8 | 30 | 7.88 | SYS RANDOM |
| GB25 | 26-Oct-04 7 | =6.8 | 28 | 7.84 | SYS RANDOM |
| GB27 | 26-Oct-04 6.5 | =1.8 | 28 | 7.78 | SYS RANDOM |
| GB28 | 26-Oct-04 7 | =21 | 28 | 7.79 | SYS RANDOM |
| GB33 | 26-Oct-04 7 | =6.8 | 25 | 7.80 | SYS RANDOM |
| GB34 | 26-Oct-04 7 | =4.5 | 27 | 7.82 | SYS RANDOM |
| GB4A | 26-Oct-04 7 | =8.3 | 26 | 7.78 | SYS RANDOM |
| GB5 | 26-Oct-04 7 | =6.8 | 26 | 7.77 | SYS RANDOM |
| GB50 | 26-Oct-04 7 | =4.5 | 27 | 7.78 | SYS RANDOM |
| GB6 | 26-Oct-04 7 | =2 | 28 | 7.84 | SYS RANDOM |
| GB7A | 26-Oct-04 7 | <2 | 27 | 7.74 | SYS RANDOM |
| GB81 | 26-Oct-04 7 | =7.8 | 26 | 7.79 | SYS RANDOM |
| GBA10 | 26-Oct-04 7 | =4.5 | 28 | 7.85 | SYS RANDOM |
| GBA11.5 | 26-Oct-04 7 | =13 | 28 | 7.83 | SYS RANDOM |
| GBA7 | 26-Oct-04 7 | =17 | 20 | 7.75 | SYS RANDOM |
| HH10 | 02-Nov-049 | =79 | 32 | | SYS RANDOM |
| HH11 | 02-Nov-049 | =17 | 33 | | SYS RANDOM |
| HH12 | 02-Nov-049 | =79 | 32 | | SYS RANDOM |
| HH17 | 02-Nov-049 | =70 | 33 | | SYS RANDOM |
| HH18 | 02-Nov-049 | =13 | 32 | | SYS RANDOM |
| HH19 | 02-Nov-049 | =110 | 32 | | SYS RANDOM |
| HH1A | 02-Nov-049 | =28 | 33 | | SYS RANDOM |
| HH2B | 02-Nov-048.5 | =23 | 32 | | SYS RANDOM |
| HH30 | 02-Nov-049 | =2 | 31 | | SYS RANDOM |

| | | | | | |
|---|---|---|---|---|---|
| HH31 | 02-Nov-048.5 | =2 | 30 | | SYS RANDOM |
| HH32 | 02-Nov-048.5 | =22 | 27 | | SYS RANDOM |
| HH33 | 02-Nov-049 | =4.5 | 28 | | SYS RANDOM |
| HH34 | 02-Nov-049 | =2 | 31 | | SYS RANDOM |
| HH35 | 02-Nov-048.5 | =31 | 32 | | SYS RANDOM |
| HH36 | 02-Nov-049 | =4.5 | 30 | | SYS RANDOM |
| HH37 | 02-Nov-049 | =4.5 | 29 | | SYS RANDOM |
| HH5B | 02-Nov-049 | =4 | 32 | | SYS RANDOM |
| HH5C | 02-Nov-049 | =13 | 32 | | SYS RANDOM |
| HHHR1 | 02-Nov-049.5 | =23 | 32 | 7.78 | POST RAINFALL |
| HHMG1 | 02-Nov-049.5 | =130 | 32 | 7.83 | POST RAINFALL |
| AC10 | 03-Nov-0410 | <2 | 32 | | SYS RANDOM |
| AC1A | 03-Nov-049 | <2 | 33 | | SYS RANDOM |
| AC2 | 03-Nov-049 | =1.8 | 32 | | SYS RANDOM |
| AC3 | 03-Nov-049 | <2 | 33 | | SYS RANDOM |
| AC3A | 03-Nov-049 | <2 | 32 | | SYS RANDOM |
| AC4C | 03-Nov-049.5 | <2 | 33 | | SYS RANDOM |
| AC4D | 03-Nov-049.5 | <2 | 33 | | SYS RANDOM |
| AC5A | 03-Nov-0410 | =2 | 33 | | SYS RANDOM |
| AC6G | 03-Nov-0410 | <2 | 32 | | SYS RANDOM |
| AC7B | 03-Nov-0410.5 | <2 | 33 | | SYS RANDOM |
| AC8 | 03-Nov-0410 | =4.5 | 32 | | SYS RANDOM |
| HH10 | 04-Nov-048 | =27 | 31 | 7.70 | POST RAINFALL |
| HH11 | 04-Nov-047.5 | =6.8 | 32 | 7.69 | POST RAINFALL |
| HH12 | 04-Nov-047 | =33 | 32 | 7.66 | POST RAINFALL |
| HH17 | 04-Nov-047 | =130 | 32 | 7.75 | POST RAINFALL |
| HH18 | 04-Nov-046.5 | =46 | 32 | 7.75 | POST RAINFALL |
| HH19 | 04-Nov-047 | =22 | 32 | 7.75 | POST RAINFALL |
| HH1A | 04-Nov-046.5 | =33 | 32 | 7.78 | POST RAINFALL |
| HH2B | 04-Nov-047 | =22 | 31 | 7.71 | POST RAINFALL |
| HH5C | 04-Nov-048.5 | =2 | 30 | 7.51 | POST RAINFALL |
| HHHR1 | 08-Nov-047 | =4.5 | 29 | 7.80 | POST RAINFALL |
| HHMG1 | 08-Nov-048 | =7.8 | 29 | 7.79 | POST RAINFALL |
| LHB1 | 08-Nov-047 | <2 | 33 | 7.79 | SYS RANDOM |
| LHB13 | 08-Nov-048 | <2 | 32 | 7.71 | SYS RANDOM |
| LHB16 | 08-Nov-048 | <2 | 32 | 7.78 | SYS RANDOM |
| LHB2 | 08-Nov-047 | <2 | 32 | 7.79 | SYS RANDOM |
| LHB5 | 08-Nov-048 | =2 | 30 | 7.76 | SYS RANDOM |
| LHB6 | 08-Nov-047 | <2 | 33 | 7.83 | SYS RANDOM |
| LHB8 | 08-Nov-048 | =7.8 | 32 | 7.79 | SYS RANDOM |
| LHB9 | 08-Nov-048 | <2 | 31 | 7.71 | SYS RANDOM |
| LHCP1 | 08-Nov-049 | <2 | 30 | 7.79 | POST RAINFALL |
| LHSG1 | 08-Nov-049 | <2 | 30 | 7.77 | POST RAINFALL |
| T13 | 08-Nov-048 | =4 | 32 | 7.77 | SYS RANDOM |
| T14 | 08-Nov-047.5 | =2 | 28 | 7.75 | SYS RANDOM |
| T6 | 08-Nov-047 | <2 | 32 | 7.83 | SYS RANDOM |
| T7 | 08-Nov-046.5 | =22 | 4 | 7.41 | SYS RANDOM |
| GB16 | 09-Nov-045 | =7.8 | 24 | | SYS RANDOM |
| GB17 | 09-Nov-045.5 | =4.5 | 28 | | SYS RANDOM |
| GB18 | 09-Nov-047 | =2 | 31 | | SYS RANDOM |
| GB19 | 09-Nov-047 | =6.8 | 27 | | SYS RANDOM |
| GB2 | 09-Nov-045 | =4.5 | 25 | | SYS RANDOM |
| GB20 | 09-Nov-045 | =4.5 | 21 | | SYS RANDOM |
| GB21 | 09-Nov-045 | =22 | 14 | | SYS RANDOM |
| GB22 | 09-Nov-045 | =23 | 15 | | SYS RANDOM |
| GB24 | 09-Nov-047 | =2 | 31 | | SYS RANDOM |
| GB25 | 09-Nov-046 | =2 | 25 | | SYS RANDOM |
| GB27 | 09-Nov-046 | =4 | 25 | | SYS RANDOM |
| GB28 | 09-Nov-046.5 | =2 | 26 | | SYS RANDOM |
| GB33 | 09-Nov-045 | =7.8 | 24 | | SYS RANDOM |
| GB34 | 09-Nov-045 | <2 | 24 | | SYS RANDOM |
| GB4A | 09-Nov-046 | =11 | 24 | | SYS RANDOM |
| GB5 | 09-Nov-045 | =4.5 | 23 | | SYS RANDOM |
| GB50 | 09-Nov-046 | <2 | 24 | | SYS RANDOM |
| GB6 | 09-Nov-046 | =7.8 | 25 | | SYS RANDOM |
| GB7A | 09-Nov-045.5 | =2 | 24 | | SYS RANDOM |
| GB81 | 09-Nov-046 | =2 | 24 | | SYS RANDOM |
| GBA10 | 09-Nov-046 | =4 | 24 | | SYS RANDOM |
| GBA11.5 | 09-Nov-046.5 | =1.8 | 28 | | SYS RANDOM |
| GBA7 | 09-Nov-046 | =11 | 18 | | SYS RANDOM |

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|---|---|---|---|---|---|
| HH30 | 15-Nov-043.5 | =33 | 30 | 7.64 | SYS RANDOM |
| HH31 | 15-Nov-043.5 | =22 | 29 | 7.60 | SYS RANDOM |
| HH32 | 15-Nov-043.5 | =22 | 26 | 7.52 | SYS RANDOM |
| HH33 | 15-Nov-043.5 | =23 | 26 | 7.63 | SYS RANDOM |
| HH34 | 15-Nov-043.5 | =23 | 30 | 7.67 | SYS RANDOM |
| HHHR1 | 15-Nov-044 | =17 | 32 | 7.78 | BASELINE TISSUE |
| HHMG1 | 15-Nov-045 | =14 | 32 | 7.73 | BASELINE TISSUE |
| AC10 | 16-Nov-046 | <2 | 31 | | SYS RANDOM |
| AC1A | 16-Nov-045 | <2 | 32 | | SYS RANDOM |
| AC2 | 16-Nov-045.5 | =4 | 32 | | SYS RANDOM |
| AC3 | 16-Nov-045 | <2 | 32 | | SYS RANDOM |
| AC3A | 16-Nov-045.5 | <2 | 32 | | SYS RANDOM |
| AC4C | 16-Nov-045 | <2 | 32 | | SYS RANDOM |
| AC4D | 16-Nov-045 | =2 | 32 | | SYS RANDOM |
| AC5A | 16-Nov-046.5 | <2 | 31 | | SYS RANDOM |
| AC6G | 16-Nov-046 | <2 | 31 | | SYS RANDOM |
| AC7B | 16-Nov-045.5 | <2 | 32 | | SYS RANDOM |
| AC8 | 16-Nov-046.5 | <2 | 32 | | SYS RANDOM |
| HH10 | 16-Nov-045.5 | =6.1 | 32 | 7.85 | SYS RANDOM |
| HH11 | 16-Nov-045.5 | =13 | 32 | 7.82 | SYS RANDOM |
| HH12 | 16-Nov-045.5 | =13 | 33 | 7.84 | SYS RANDOM |
| HH17 | 16-Nov-045.5 | =31 | 32 | 7.87 | SYS RANDOM |
| HH18 | 16-Nov-045.5 | =7.8 | 33 | 7.87 | SYS RANDOM |
| HH19 | 16-Nov-045.5 | =33 | 33 | 7.84 | SYS RANDOM |
| HH1A | 16-Nov-045.5 | =2 | 33 | 7.94 | SYS RANDOM |
| HH2B | 16-Nov-044.5 | =46 | 32 | 7.82 | SYS RANDOM |
| HH35 | 16-Nov-045 | =33 | 32 | 7.84 | SYS RANDOM |
| HH36 | 16-Nov-044 | =7.8 | 31 | 7.77 | SYS RANDOM |
| HH37 | 16-Nov-043.5 | =33 | 29 | 7.73 | SYS RANDOM |
| HH5B | 16-Nov-044.5 | =7.8 | 31 | 7.61 | SYS RANDOM |
| HH5C | 16-Nov-044.5 | =17 | 32 | 7.77 | SYS RANDOM |
| GBAP1 | 17-Nov-044 | =11 | 26 | 7.77 | BASELINE TISSUE |
| GBNI1 | 17-Nov-044 | =4.5 | 25 | 7.77 | BASELINE TISSUE |
| GB16 | 22-Nov-047 | <2 | 26.0 | | SYS RANDOM |
| GB17 | 22-Nov-048 | =2 | 29.7 | | SYS RANDOM |
| GB18 | 22-Nov-048 | <2 | 31.3 | | SYS RANDOM |
| GB19 | 22-Nov-047.5 | =2 | 29.2 | | SYS RANDOM |
| GB2 | 22-Nov-047.5 | =2 | 28.7 | | SYS RANDOM |
| GB20 | 22-Nov-047 | <2 | 24.8 | | SYS RANDOM |
| GB21 | 22-Nov-047 | <2 | 22.0 | | SYS RANDOM |
| GB22 | 22-Nov-047 | =2 | 29.8 | | SYS RANDOM |
| GB24 | 22-Nov-048.5 | <2 | 31.6 | | SYS RANDOM |
| GB25 | 22-Nov-047 | =2 | 27.5 | | SYS RANDOM |
| GB27 | 22-Nov-047 | <2 | 28.5 | | SYS RANDOM |
| GB28 | 22-Nov-047.5 | <2 | 29.4 | | SYS RANDOM |
| GB33 | 22-Nov-047 | =6.8 | 26.6 | | SYS RANDOM |
| GB34 | 22-Nov-047 | <2 | 27.8 | | SYS RANDOM |
| GB4A | 22-Nov-047 | <2 | 26.7 | | SYS RANDOM |
| GB5 | 22-Nov-047 | =2 | 26.8 | | SYS RANDOM |
| GB50 | 22-Nov-047 | <2 | 27.6 | | SYS RANDOM |
| GB6 | 22-Nov-047.5 | =2 | 28.8 | | SYS RANDOM |
| GB7A | 22-Nov-047 | <2 | 26.9 | | SYS RANDOM |
| GB81 | 22-Nov-047 | =4.5 | 26.3 | | SYS RANDOM |
| GBA10 | 22-Nov-047 | <2 | 26.8 | | SYS RANDOM |
| GBA11.5 | 22-Nov-048 | =1.8 | 30.1 | | SYS RANDOM |
| GBA7 | 22-Nov-046 | =4 | 21.3 | | SYS RANDOM |
| HH10 | 30-Nov-047.5 | =4 | 30.9 | | SYS RANDOM |
| HH11 | 30-Nov-048 | =7.8 | 31.4 | | SYS RANDOM |
| HH12 | 30-Nov-048 | =13 | 31.0 | | SYS RANDOM |
| HH17 | 30-Nov-048 | =7.8 | 31.6 | | SYS RANDOM |
| HH18 | 30-Nov-047 | =23 | 28.4 | | SYS RANDOM |
| HH19 | 30-Nov-047 | =23 | 29.8 | | SYS RANDOM |
| HH1A | 30-Nov-048 | =8 | 31.4 | | SYS RANDOM |
| HH2B | 30-Nov-047 | =13 | 27.3 | | SYS RANDOM |
| HH30 | 30-Nov-046 | =240 | 19.1 | | SYS RANDOM |
| HH31 | 30-Nov-045.5 | =240 | 8.8 | | SYS RANDOM |
| HH32 | 30-Nov-045.5 | =79 | 13.5 | | SYS RANDOM |
| HH33 | 30-Nov-046 | =1600 | 8.4 | | SYS RANDOM |
| HH34 | 30-Nov-046 | =1600 | 12.5 | | SYS RANDOM |
| HH35 | 30-Nov-047 | =22 | 27.4 | | SYS RANDOM |

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|---|---|---|---|---|---|
| HH36 | 30-Nov-04 | 6 | =33 | 22.9 | | SYS RANDOM |
| HH37 | 30-Nov-04 | 6 | =70 | 18.2 | | SYS RANDOM |
| HH5B | 30-Nov-04 | 7 | =79 | 26.7 | | SYS RANDOM |
| HH5C | 30-Nov-04 | 7 | =79 | 27.4 | | SYS RANDOM |
| HHHR1 | 30-Nov-04 | 7 | =49 | 28.9 | 7.77 | POST RAINFALL |
| HHMG1 | 30-Nov-04 | 7 | =130 | 28.8 | 7.77 | POST RAINFALL |
| HH10 | 02-Dec-04 | 4.5 | =540 | 20 | 7.57 | POST RAINFALL |
| HH12 | 02-Dec-04 | 4 | =79 | 26 | 7.65 | POST RAINFALL |
| HH18 | 02-Dec-04 | 4.5 | =70 | 24 | 7.56 | POST RAINFALL |
| HH19 | 02-Dec-04 | 4.5 | =33 | 23 | 7.53 | POST RAINFALL |
| HH2B | 02-Dec-04 | 4 | =49 | 20 | 7.57 | POST RAINFALL |
| HHHR1 | 02-Dec-04 | 4 | =110 | 20 | 7.65 | POST RAINFALL |
| HHMG1 | 02-Dec-04 | 4.5 | =130 | 24 | 7.60 | POST RAINFALL |
| LHSG1 | 02-Dec-04 | 4.5 | =220 | 28 | 7.68 | POST RAINFALL |
| GB16 | 06-Dec-04 | 1 | =33 | 16 | 7.67 | SYS RANDOM |
| GB17 | 06-Dec-04 | 3 | =11 | 21 | 7.72 | SYS RANDOM |
| GB18 | 06-Dec-04 | 4 | =7.8 | 27 | 7.80 | SYS RANDOM |
| GB19 | 06-Dec-04 | 2.5 | =49 | 19 | 7.71 | SYS RANDOM |
| GB2 | 06-Dec-04 | 1 | =49 | 18 | 7.64 | SYS RANDOM |
| GB24 | 06-Dec-04 | 5 | =2 | 30 | 7.76 | SYS RANDOM |
| GB25 | 06-Dec-04 | 3 | =22 | 22 | 7.71 | SYS RANDOM |
| GB27 | 06-Dec-04 | 3 | =17 | 22 | 7.70 | SYS RANDOM |
| GB28 | 06-Dec-04 | 3 | =17 | 20 | 7.68 | SYS RANDOM |
| GB33 | 06-Dec-04 | 1 | =33 | 17 | 7.65 | SYS RANDOM |
| GB34 | 06-Dec-04 | 1 | =23 | 18 | 7.64 | SYS RANDOM |
| GB4A | 06-Dec-04 | 0 | =130 | 14 | 7.64 | SYS RANDOM |
| GB5 | 06-Dec-04 | 1 | =49 | 17 | 7.63 | SYS RANDOM |
| GB50 | 06-Dec-04 | 2 | =110 | 18 | 7.63 | SYS RANDOM |
| GB6 | 06-Dec-04 | 2.5 | =49 | 18 | 7.62 | SYS RANDOM |
| GB7A | 06-Dec-04 | 1.5 | =33 | 18 | 7.67 | SYS RANDOM |
| GB81 | 06-Dec-04 | 0 | =110 | 13 | 7.57 | SYS RANDOM |
| GBA10 | 06-Dec-04 | 1 | =33 | 18 | 7.60 | SYS RANDOM |
| GBA11.5 | 06-Dec-04 | 1 | =22 | 18 | 7.67 | SYS RANDOM |
| HHHR1 | 06-Dec-04 | 4 | =4 | 28 | 7.76 | POST RAINFALL |
| HHMG1 | 06-Dec-04 | 4 | =11 | 29 | 7.71 | POST RAINFALL |
| HHHR1 | 08-Dec-04 | 5 | <2 | 26 | 7.75 | POST RAINFALL |
| HHMG1 | 08-Dec-04 | 6.5 | =22 | 28 | 7.73 | POST RAINFALL |
| LHB1 | 08-Dec-04 | 4.5 | =13 | 28 | 7.76 | SYS RANDOM |
| LHB13 | 08-Dec-04 | 4.5 | =130 | 28 | 7.77 | SYS RANDOM |
| LHB16 | 08-Dec-04 | 4.5 | =240 | 28 | 7.72 | SYS RANDOM |
| LHB2 | 08-Dec-04 | 4.5 | =110 | 29 | 7.79 | SYS RANDOM |
| LHB5 | 08-Dec-04 | 5 | =350 | 28 | 7.77 | SYS RANDOM |
| LHB6 | 08-Dec-04 | 4 | =17 | 25 | 7.73 | SYS RANDOM |
| LHB8 | 08-Dec-04 | 4 | =350 | 25 | 7.73 | SYS RANDOM |
| LHB9 | 08-Dec-04 | 6.5 | =130 | 29 | 7.83 | SYS RANDOM |
| LHSG1 | 08-Dec-04 | 4.5 | =130 | 27 | 7.75 | POST RAINFALL |
| T13 | 08-Dec-04 | 4.5 | =22 | 28 | 7.80 | SYS RANDOM |
| T14 | 08-Dec-04 | 3.5 | =22 | 26 | 7.69 | SYS RANDOM |
| T6 | 08-Dec-04 | 4 | =7.8 | 26 | 7.79 | SYS RANDOM |
| T7 | 08-Dec-04 | 0 | =70 | 0 | 7.45 | SYS RANDOM |
| AC10 | 09-Dec-04 | 4.5 | <2 | 34 | | SYS RANDOM |
| AC1A | 09-Dec-04 | 4.5 | <2 | 34 | | SYS RANDOM |
| AC2 | 09-Dec-04 | 4.5 | =4 | 34 | | SYS RANDOM |
| AC3 | 09-Dec-04 | 5 | =130 | 34 | | SYS RANDOM |
| AC3A | 09-Dec-04 | 4.5 | =33 | 33 | | SYS RANDOM |
| AC4C | 09-Dec-04 | 4.5 | <2 | 33 | | SYS RANDOM |
| AC4D | 09-Dec-04 | 4.5 | =2 | 34 | | SYS RANDOM |
| AC5A | 09-Dec-04 | 4 | =2 | 34 | | SYS RANDOM |
| AC6G | 09-Dec-04 | 4.5 | =6.8 | 32 | | SYS RANDOM |
| AC7B | 09-Dec-04 | 4 | =2 | 33 | | SYS RANDOM |
| AC8 | 09-Dec-04 | 4 | <2 | 31 | | SYS RANDOM |
| HH10 | 09-Dec-04 | 4.5 | =2 | 32 | 7.81 | POST RAINFALL |
| HH12 | 09-Dec-04 | 5 | =13 | 32 | 7.77 | POST RAINFALL |
| HH18 | 09-Dec-04 | 6 | <2 | 32 | 7.60 | POST RAINFALL |
| HH19 | 09-Dec-04 | 4.5 | =2 | 32 | 7.79 | POST RAINFALL |
| HH2B | 09-Dec-04 | 5 | =7.8 | 32 | 7.75 | POST RAINFALL |
| GB16 | 13-Dec-04 | 3 | =49 | 18 | | SYS RANDOM |
| GB17 | 13-Dec-04 | 4 | =13 | 25 | | SYS RANDOM |
| GB18 | 13-Dec-04 | 4.5 | =4.5 | 29 | | SYS RANDOM |
| GB19 | 13-Dec-04 | 4 | =6.8 | 25 | | SYS RANDOM |

| | | | | | |
|---|---|---|---|---|---|
| GB2 | 13-Dec-04 4 | =17 | 22 | | SYS RANDOM |
| GB20 | 13-Dec-04 3 | =17 | 12 | | SYS RANDOM |
| GB21 | 13-Dec-04 3 | =49 | 8 | | SYS RANDOM |
| GB22 | 13-Dec-04 2.5 | =110 | 9 | | SYS RANDOM |
| GB24 | 13-Dec-04 5 | =11 | 31 | | SYS RANDOM |
| GB25 | 13-Dec-04 4 | =49 | 20 | | SYS RANDOM |
| GB27 | 13-Dec-04 3.5 | =49 | 23 | | SYS RANDOM |
| GB28 | 13-Dec-04 4 | =6.8 | 24 | | SYS RANDOM |
| GB33 | 13-Dec-04 3.5 | =32 | 17 | | SYS RANDOM |
| GB34 | 13-Dec-04 3.5 | =27 | 21 | | SYS RANDOM |
| GB4A | 13-Dec-04 3.5 | =36 | 17 | | SYS RANDOM |
| GB5 | 13-Dec-04 3 | =22 | 19 | | SYS RANDOM |
| GB50 | 13-Dec-04 3.5 | =23 | 22 | | SYS RANDOM |
| GB6 | 13-Dec-04 4 | =49 | 24 | | SYS RANDOM |
| GB7A | 13-Dec-04 3.5 | =33 | 20 | | SYS RANDOM |
| GB81 | 13-Dec-04 3.5 | =49 | 18 | | SYS RANDOM |
| GBA10 | 13-Dec-04 3 | =13 | 19 | | SYS RANDOM |
| GBA11.5 | 13-Dec-04 3.5 | =6.8 | 21 | | SYS RANDOM |
| GBA7 | 13-Dec-04 3 | =79 | 10 | | SYS RANDOM |
| HH17 | 14-Dec-04 2.5 | =23 | 29 | 7.51 | POST RAINFALL |
| HH18 | 14-Dec-04 2 | =6.8 | 28 | 7.70 | POST RAINFALL |
| HH19 | 14-Dec-04 2.5 | =7.8 | 27 | 7.62 | POST RAINFALL |
| HH1A | 14-Dec-04 3 | =21 | 29 | 7.74 | POST RAINFALL |
| HH2B | 14-Dec-04 2 | =7.8 | 26 | 7.62 | POST RAINFALL |
| HHMG1 | 14-Dec-04 2 | =13 | 28 | 7.72 | POST RAINFALL |
| LHSG1 | 15-Dec-04 -3 | =13 | 25 | 7.64 | POST RAINFALL |
| HH10 | 16-Dec-04 4 | =2 | 32 | 7.80 | SYS RANDOM |
| HH11 | 16-Dec-04 3.5 | =4.5 | 31 | 7.80 | SYS RANDOM |
| HH12 | 16-Dec-04 2 | =4 | 30 | 7.73 | SYS RANDOM |
| HH17 | 16-Dec-04 3 | =7.8 | 31 | 7.79 | SYS RANDOM |
| HH18 | 16-Dec-04 2 | =2 | 30 | 7.73 | SYS RANDOM |
| HH19 | 16-Dec-04 3.5 | =4.5 | 32 | 7.79 | SYS RANDOM |
| HH1A | 16-Dec-04 3 | =13 | 31 | 7.80 | SYS RANDOM |
| HH2B | 16-Dec-04 1 | =4.5 | 30 | 7.73 | SYS RANDOM |
| HH30 | 16-Dec-04 2 | =7.8 | 28 | 7.65 | SYS RANDOM |
| HH31 | 16-Dec-04 1 | =2 | 26 | 7.61 | SYS RANDOM |
| HH32 | 16-Dec-04 0.5 | =11 | 25 | 7.45 | SYS RANDOM |
| HH33 | 16-Dec-04 0.5 | =7.8 | 22 | 7.53 | SYS RANDOM |
| HH34 | 16-Dec-04 1 | =2 | 27 | 7.64 | SYS RANDOM |
| HH35 | 16-Dec-04 1 | =2 | 30 | 7.77 | SYS RANDOM |
| HH36 | 16-Dec-04 -0.5 | =4.5 | 25 | 7.64 | SYS RANDOM |
| HH37 | 16-Dec-04 -1 | =2 | 24 | 7.49 | SYS RANDOM |
| HH5B | 16-Dec-04 2 | =13 | 30 | 7.70 | SYS RANDOM |
| HH5C | 16-Dec-04 3 | =4.5 | 31 | 7.77 | SYS RANDOM |

## Appendix 3
## 2004 Shellfish Tissue Fecal Coliform Data

All sampling was done in accordance with EPA-approved Quality Assurance Project Plans. Documentation of laboratory QA checks is on file with the analytical laboratories.

| AREA | STATION | DATE | WFC | MEATFC | MEATFCSPECIES | PROJTYPE |
|---|---|---|---|---|---|---|
| Great Bay | LBFP1 | 4/4/04 | 79 | 2400 | softshell clam | EMERGENCY CLOSURE |
| Great Bay | LBFP1 | 4/6/04 | 22 | 790 | softshell clam | EMERGENCY CLOSURE |
| Great Bay | GBSP1 | 4/6/04 | 27 | 490 | softshell clam | EMERGENCY CLOSURE |
| Great Bay | LBFP1 | 4/12/04 | 2 | 78 | softshell clam | EMERGENCY CLOSURE |
| Great Bay | GBSP1 | 4/12/04 | 2 | 130 | softshell clam | EMERGENCY CLOSURE |
| Great Bay | GBNI1 | 6/2/04 | 11 | 170 | american oyster | EMERGENCY CLOSURE |
| Great Bay | GBSP1 | 6/2/04 | 4.5 | 230 | softshell clam | EMERGENCY CLOSURE |
| Great Bay | GBNI1 | 7/27/04 | 2 | 78 | american oyster | BASELINE TISSUE |
| Great Bay | GBSP1 | 8/16/04 | 79 | 1400 | softshell clam | EMERGENCY CLOSURE |
| Great Bay | GBNI1 | 8/16/04 | 6.8 | 330 | american oyster | EMERGENCY CLOSURE |
| Great Bay | GBSP1 | 8/18/04 | 7.8 | 330 | american oyster | EMERGENCY CLOSURE |
| Great Bay | GBNI1 | 8/18/04 | 2 | 61 | softshell clam | EMERGENCY CLOSURE |
| Great Bay | GBSP1 | 9/28/04 | 33 | 330 | softshell clam | BASELINE TISSUE |
| Great Bay | GBNI1 | 9/28/04 | 7.8 | 130 | american oyster | BASELINE TISSUE |
| Great Bay | GBAP1 | 10/14/04 | 4.5 | 20 | american oyster | BASELINE TISSUE |
| Great Bay | GBNI1 | 10/14/04 | 4 | 20 | american oyster | BASELINE TISSUE |
| Great Bay | GBAP1 | 10/18/04 | 79 | 490 | american oyster | RAINFALL STUDY |
| Great Bay | GBNI1 | 10/18/04 | 33 | 130 | american oyster | RAINFALL STUDY |
| Great Bay | GBAP1 | 10/20/04 | 17 | 220 | american oyster | RAINFALL STUDY |
| Great Bay | GBNI1 | 10/20/04 | 14 | 130 | american oyster | RAINFALL STUDY |
| Great Bay | GBNI1 | 10/21/04 | | 400 | american oyster | RAINFALL STUDY |
| Great Bay | GBAP1 | 11/17/04 | 11 | 20 | american oyster | BASELINE TISSUE |
| Great Bay | GBNI1 | 11/17/04 | 4.5 | 20 | american oyster | BASELINE TISSUE |
| Hampton | HHMG1 | 2/9/04 | 2 | 230 | softshell clam | POST RAINFALL |
| Hampton | HHHR1 | 3/23/04 | 13 | 45 | blue mussel | POST RAINFALL |
| Hampton | HHMG1 | 3/23/04 | 2 | 45 | softshell clam | POST RAINFALL |
| Hampton | HHHR1 | 3/29/04 | 2 | 140 | blue mussel | POST RAINFALL |
| Hampton | HHHR1 | 4/5/04 | 2 | 45 | blue mussel | EMERGENCY CLOSURE |
| Hampton | HHYC1 | 4/5/04 | 2 | 130 | softshell clam | EMERGENCY CLOSURE |
| Hampton | HHMG1 | 4/7/04 | 7.8 | 230 | softshell clam | EMERGENCY CLOSURE |
| Hampton | HHHR1 | 4/7/04 | 6.1 | 170 | blue mussel | EMERGENCY CLOSURE |
| Hampton | HHMG1 | 4/19/04 | 13 | 130 | softshell clam | POST RAINFALL |

| AREA | STATION | DATE | WFC | MEATFC | MEATFCSPECIES | PROJTYPE |
|---|---|---|---|---|---|---|
| Hampton | HHHR1 | 4/19/04 | 11 | 130 | blue mussel | POST RAINFALL |
| Hampton | HHHR1 | 4/26/04 | 13 | 130 | blue mussel | POST RAINFALL |
| Hampton | HHHR1 | 4/28/04 | 2 | 20 | blue mussel | POST RAINFALL |
| Hampton | HHMG1 | 4/28/04 | 2 | 1700 | softshell clam | POST RAINFALL |
| Hampton | HHHR1 | 5/5/04 | 17 | 330 | blue mussel | POST RAINFALL |
| Hampton | HHMG1 | 5/5/04 | 46 | 490 | softshell clam | POST RAINFALL |
| Hampton | HHCI1 | 5/10/04 | 17 | 16000 | softshell clam | POST RAINFALL |
| Hampton | HHMG1 | 5/10/04 | 7.8 | 460 | softshell clam | POST RAINFALL |
| Hampton | HHMG1 | 5/12/04 | 2 | 78 | softshell clam | POST RAINFALL |
| Hampton | HHCI1 | 5/12/04 | 2 | 700 | softshell clam | POST RAINFALL |
| Hampton | HHMG1 | 5/19/04 | 120 | 330 | softshell clam | POST RAINFALL |
| Hampton | HHMG1 | 10/18/04 | 540 | 490 | softshell clam | RAINFALL STUDY |
| Hampton | HHHR1 | 10/18/04 | 240 | 230 | blue mussel | RAINFALL STUDY |
| Hampton | HHHR1 | 10/19/04 | 23 | 220 | blue mussel | RAINFALL STUDY |
| Hampton | HHMG1 | 10/19/04 | 170 | 3500 | softshell clam | RAINFALL STUDY |
| Hampton | HHMG1 | 11/2/04 | 130 | 2400 | softshell clam | POST RAINFALL |
| Hampton | HHHR1 | 11/2/04 | 23 | 45 | blue mussel | POST RAINFALL |
| Hampton | HHMG1 | 11/8/04 | 7.8 | 170 | softshell clam | POST RAINFALL |
| Hampton | HHHR1 | 11/8/04 | 4.5 | 45 | blue mussel | POST RAINFALL |
| Hampton | HHMG1 | 11/15/04 | 14 | 68 | softshell clam | BASELINE TISSUE |
| Hampton | HHHR1 | 11/15/04 | 17 | 130 | blue mussel | BASELINE TISSUE |
| Hampton | HHMG1 | 11/30/04 | 130 | 170 | softshell clam | POST RAINFALL |
| Hampton | HHHR1 | 11/30/04 | 49 | 230 | blue mussel | POST RAINFALL |
| Hampton | HHMG1 | 12/2/04 | 130 | 230 | softshell clam | POST RAINFALL |
| Hampton | HHHR1 | 12/2/04 | 110 | 170 | blue mussel | POST RAINFALL |
| Hampton | HHMG1 | 12/6/04 | 11 | 45 | softshell clam | POST RAINFALL |
| Hampton | HHHR1 | 12/6/04 | 4 | 45 | blue mussel | POST RAINFALL |
| Hampton | HHMG1 | 12/8/04 | 22 | 45 | softshell clam | POST RAINFALL |
| Hampton | HHHR1 | 12/8/04 | 2 | 78 | blue mussel | POST RAINFALL |
| Hampton | HHMG1 | 12/14/04 | 13 | 20 | softshell clam | POST RAINFALL |
| Hampton | HHHR1 | 12/28/04 | 33 | 68 | blue mussel | POST RAINFALL |
| Little Harbor | LHNC1 | 3/29/04 | 2 | 170 | softshell clam | POST RAINFALL |
| Little Harbor | LHNC1 | 4/4/04 | 49 | 3500 | softshell clam | EMERGENCY CLOSURE |
| Little Harbor | LHNC1 | 4/6/04 | 17 | 490 | softshell clam | EMERGENCY CLOSURE |
| Little Harbor | LHNC1 | 4/12/04 | 2 | 78 | softshell clam | EMERGENCY CLOSURE |
| Little Harbor | LHNC1 | 4/20/04 | 22 | 270 | softshell clam | POST RAINFALL |
| Little Harbor | LHNC1 | 4/28/04 | 2 | 78 | softshell clam | POST RAINFALL |
| Little Harbor | LHNC1 | 5/5/04 | 21 | 790 | softshell clam | POST RAINFALL |
| Little Harbor | LHNC1 | 5/11/04 | 2 | 230 | softshell clam | POST RAINFALL |
| Little Harbor | LHCP1 | 6/22/04 | 7.8 | 170 | softshell clam | BASELINE TISSUE |
| Little Harbor | LHNC1 | 6/22/04 | 11 | 490 | softshell clam | BASELINE TISSUE |

| AREA | STATION | DATE | WFC | MEATFC | MEATFCSPECIES | PROJTYPE |
|---|---|---|---|---|---|---|
| Little Harbor | LHCP1 | 6/29/04 | 2 | 20 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHNC1 | 6/29/04 | 2 | 78 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHNC1 | 6/30/04 | 2 | 130 | softshell clam | RAINFALL STUDY |
| Little Harbor | LNCP1 | 6/30/04 | 7.8 | 230 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHNC1 | 7/27/04 | 2 | 310 | softshell clam | BASELINE TISSUE |
| Little Harbor | LHCP1 | 7/27/04 | 2 | 330 | softshell clam | BASELINE TISSUE |
| Little Harbor | LHNC1 | 8/23/04 | 22 | 490 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHCP1 | 8/23/04 | 7.8 | 330 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHCP1 | 8/24/04 | 2 | 330 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHNC1 | 8/24/04 | 13 | 330 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHCP1 | 8/25/04 | 2 | 78 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHNC1 | 8/25/04 | 7.8 | 230 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHCP1 | 8/26/04 | 23 | 330 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHNC1 | 9/28/04 | 70 | 130 | softshell clam | BASELINE TISSUE |
| Little Harbor | LHNC1 | 9/30/04 | 49 | 490 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHCP1 | 10/14/04 | 33 | 140 | softshell clam | BASELINE TISSUE |
| Little Harbor | LHSG1 | 10/14/04 | 23 | 270 | softshell clam | BASELINE TISSUE |
| Little Harbor | LHCP1 | 10/18/04 | 33 | 130 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHSG1 | 10/18/04 | 7.8 | 230 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHCP1 | 10/20/04 | 4.5 | 310 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHSG1 | 10/20/04 | 7.8 | 110 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHCP1 | 10/21/04 | | 330 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHSG1 | 10/21/04 | | 680 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHSG1 | 10/25/04 | 1.8 | 45 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHCP1 | 10/25/04 | 2 | 45 | softshell clam | RAINFALL STUDY |
| Little Harbor | LHCP1 | 11/8/04 | 2 | 20 | softshell clam | POST RAINFALL |
| Little Harbor | LHSG1 | 11/8/04 | 2 | 45 | softshell clam | POST RAINFALL |
| Little Harbor | LHSG1 | 12/2/04 | 220 | 330 | softshell clam | POST RAINFALL |
| Little Harbor | LHSG1 | 12/8/04 | 130 | 330 | softshell clam | POST RAINFALL |
| Little Harbor | LHSG1 | 12/15/04 | 13 | 1700 | softshell clam | POST RAINFALL |
| Little Harbor | LHSG1 | 12/28/04 | 17 | 20 | blue mussel | POST RAINFALL |

## Appendix 4
## 2004 Paralytic Shellfish Poisoning Monitoring Results

All sampling was done in accordance with EPA-approved Quality Assurance Project Plans. Documentation of laboratory QA checks is on file with the analytical laboratories.

| SampleID | SiteID | Site | Date | Micrograms Toxin/100g |
|---|---|---|---|---|
| 04-01 | HHHR1 | Hampton | 4/1/04 | <44 |
| 04-02 | HHHR1 | Hampton | 4/7/04 | <44 |
| 04-03 | HHHR1 | Hampton | 4/14/04 | <44 |
| 04-04 | HHHR1 | Hampton | 4/20/04 | <44 |
| 04-05 | HHHR1 | Hampton | 4/28/04 | <44 |
| 04-06 | HHHR1 | Hampton | 5/5/04 | <44 |
| 04-07 | IOSSI2 | Star Island | 5/6/04 | <44 |
| 04-08 | HHHR1 | Hampton | 5/11/04 | <44 |
| 04-09 | IOSSI2 | Star Island | 5/12/04 | <44 |
| 04-10 | IOSSI2 | Star Island | 5/17/04 | <44 |
| 04-11 | HHHR1 | Hampton | 5/19/04 | <44 |
| 04-12 | IOSSI2 | Star Island | 5/24/04 | <44 |
| 04-13 | HHHR1 | Hampton | 5/26/04 | <44 |
| 04-14 | HHHR1 | Hampton | 5/31/04 | <44 |
| 04-15 | IOSSI1 | Star Island | 6/1/04 | 44.6 |
| 04-16 | HHHR1 | Hampton | 6/7/04 | <44 |
| 04-17 | IOSSI1 | Star Island | 6/9/04 | 44.7 |
| 04-18 | HHHR1 | Hampton | 6/13/04 | <44 |
| 04-19 | IOSSI1 | Star Island | 6/16/04 | <44 |
| 04-20 | HHHR1 | Hampton | 6/20/04 | --- |
| 04-21 | HHHR1 | Hampton | 6/21/04 | <44 |
| 04-23 | IOSSI1 | Star Island | 6/28/04 | <44 |
| 04-24 | HHHR1 | Hampton | 6/28/04 | <44 |
| 04-25 | HHHR1 | Hampton | 7/5/04 | <44 |
| 04-26 | IOSSI1 | Star Island | 7/6/04 | <44 |
| 04-27 | HHHR1 | Hampton | 7/12/04 | <44 |
| 04-28 | IOSSI1 | Star Island | 7/12/04 | <44 |
| 04-29 | HHHR1 | Hampton | 7/18/04 | <44 |
| 04-30 | IOSSI1 | Star Island | 7/20/04 | <44 |
| 04-31 | HHHR1 | Hampton | 7/26/04 | <44 |
| 04-32 | IOSSI1 | Star Island | 7/27/04 | <44 |
| 04-33 | HHHR1 | Hampton | 8/1/04 | <44 |
| 04-34 | IOSSI1 | Star Island | 8/2/04 | <44 |
| 04-35 | HHHR1 | Hampton | 8/9/04 | <44 |
| 04-36 | IOSSI1 | Star Island | 8/10/04 | 47.2 |
| 04-37 | HHHR1 | Hampton | 8/15/04 | <44 |
| 04-38 | ACRH2 | Rye Harbor | 8/16/04 | <44 |

| SampleID | SiteID | Site | Date | Micrograms Toxin/100g |
|---|---|---|---|---|
| 04-39 | IOSSI1 | Star Island | 8/17/04 | <44 |
| 04-40 | HHHR1 | Hampton | 8/23/04 | <44 |
| 04-41 | IOSSI1 | Star Island | 8/24/04 | 67.7 |
| 04-42 | HHHR1 | Hampton | 8/29/04 | <44 |
| 04-43 | HHHR1 | Hampton | 8/31/04 | <44 |
| 04-44 | ACRH2 | Rye Harbor | 8/31/04 | <44 |
| 04-45 | IOSSI1 | Star Island | 8/31/04 | 206 |
| 04-46 | HHHR1 | Hampton | 9/8/04 | <44 |
| 04-47 | ACRH2 | Rye Harbor | 9/8/04 | <44 |
| 04-48 | IOSSI1 | Star Island | 9/8/04 | 143 |
| 04-49 | HHHR1 | Hampton | 9/12/04 | <44 |
| 04-50 | IOSSI1 | Star Island | 9/15/04 | 59.3 |
| 04-51 | IOSSI1 | Star Island | 9/22/04 | <44 |
| 04-52 | HHHR1 | Hampton | 9/22/04 | <44 |
| 04-53 | HHHR1 | Hampton | 9/26/04 | <44 |
| 04-54 | IOSSI1 | Star Island | 9/27/04 | <44 |
| 04-55 | HHHR1 | Hampton | 10/4/04 | <44 |
| 04-56 | HHHR1 | Hampton | 10/11/04 | <44 |
| 04-57 | HHHR1 | Hampton | 10/18/04 | <44 |