RESULTS OF BACTERIAL ANALYSES AND FIELD OBSERVATIONS
J:/_MC\M&C/WWTPlants/wwtpmicro & Oceanlogs/2011microbiology.xls
HONO REMARKSULIULI OCEAN OUTFALL - SHORELINE STATIONS
01-Jun-15

| DATE | Station | Time | Depth (m) | CTD on (hhmm) | CTD off (hhmm) | Light ext. coeff. | Secchi depth (feet) | Cloud cover (%) |
|---|---|---|---|---|---|---|---|---|
| 1/4/2011 | S1 | 748 | 0 | | | | | 15 |
| 1/4/2011 | S2 | 732 | 0 | | | | | 15 |
| 1/4/2011 | S3 | 704 | 0 | | | | | 15 |
| 1/4/2011 | S4 | 655 | 0 | | | | | 15 |
| 1/4/2011 | HAMMER POINT | ---- | 0 | | | | | |
| 1/4/2011 | IROQUOIS BEACH | 810 | 0 | | | | | 15 |
| 1/10/2011 | S1 | 811 | 0 | | | | | 75 |
| 1/10/2011 | S2 | 757 | 0 | | | | | 75 |
| 1/10/2011 | S3 | 727 | 0 | | | | | 75 |
| 1/10/2011 | S4 | 718 | 0 | | | | | 75 |
| 1/10/2011 | HAMMER POINT | ---- | 0 | | | | | |
| 1/10/2011 | IROQUOIS BEACH | 829 | 0 | | | | | 75 |
| 1/16/2011 | S1 | 923 | 0 | | | | | 15 |
| 1/16/2011 | S2 | 905 | 0 | | | | | 15 |
| 1/16/2011 | S3 | 840 | 0 | | | | | 15 |
| 1/16/2011 | S4 | 755 | 0 | | | | | |
| 1/16/2011 | HAMMER POINT | ---- | 0 | | | | | |
| 1/16/2011 | IROQUOIS BEACH | 941 | 0 | | | | | 15 |
| 1/22/2011 | S1 | 757 | 0 | | | | | 18 |
| 1/22/2011 | S2 | 739 | 0 | | | | | 18 |
| 1/22/2011 | S3 | 718 | 0 | | | | | 18 |
| 1/22/2011 | S4 | 705 | 0 | | | | | 18 |
| 1/22/2011 | HAMMER POINT | ---- | 0 | | | | | |
| 1/22/2011 | IROQUOIS BEACH | 819 | 0 | | | | | 18 |
| 1/28/2011 | S1 | 834 | 0 | | | | | 60 |
| 1/28/2011 | S2 | 816 | 0 | | | | | 60 |
| 1/28/2011 | S3 | 749 | 0 | | | | | 60 |
| 1/28/2011 | S4 | 736 | 0 | | | | | 60 |
| 1/28/2011 | HAMMER POINT | ---- | 0 | | | | | |
| 1/28/2011 | IROQUOIS BEACH | 854 | 0 | | | | | 60 |
| 2/3/2011 | S1 | 726 | 0 | | | | | 35 |
| 2/3/2011 | S2 | 709 | 0 | | | | | 35 |
| 2/3/2011 | S3 | 642 | 0 | | | | | 35 |

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|---|---|---|---|---|
| 2/3/2011 | S4 | 631 | 0 | 35 |
| 2/3/2011 | HAMMER POINT | ---- | 0 | |
| 2/3/2011 | IROQUOIS BEACH | 743 | 0 | 35 |
| 2/9/2011 | S1 | 912 | 0 | 45 |
| 2/9/2011 | S2 | 857 | 0 | 45 |
| 2/9/2011 | S3 | 829 | 0 | 45 |
| 2/9/2011 | S4 | 819 | 0 | 45 |
| 2/9/2011 | HAMMER POINT | ---- | 0 | |
| 2/9/2011 | IROQUOIS BEACH | 932 | 0 | 45 |
| 2/15/2011 | S1 | 759 | 0 | 50 |
| 2/15/2011 | S2 | 744 | 0 | 50 |
| 2/15/2011 | S3 | 721 | 0 | 50 |
| 2/15/2011 | S4 | 710 | 0 | 50 |
| 2/15/2011 | HAMMER POINT | ---- | 0 | |
| 2/15/2011 | IROQUOIS BEACH | 817 | 0 | 50 |
| 2/21/2011 | S1 | 753 | 0 | 95 |
| 2/21/2011 | S2 | 724 | 0 | 95 |
| 2/21/2011 | S3 | 656 | 0 | 95 |
| 2/21/2011 | S4 | 640 | 0 | 95 |
| 2/21/2011 | HAMMER POINT | ---- | 0 | |
| 2/21/2011 | IROQUOIS BEACH | 817 | 0 | 95 |
| 2/27/2011 | S1 | 723 | 0 | 20 |
| 2/27/2011 | S2 | 711 | 0 | 20 |
| 2/27/2011 | S3 | 653 | 0 | 20 |
| 2/27/2011 | S4 | 643 | 0 | 20 |
| 2/27/2011 | HAMMER POINT | ---- | 0 | |
| 2/27/2011 | IROQUOIS BEACH | 738 | 0 | 20 |
| 3/5/2011 | S1 | 759 | 0 | 99 |
| 3/5/2011 | S2 | 736 | 0 | 99 |
| 3/5/2011 | S3 | 705 | 0 | 99 |
| 3/5/2011 | S4 | 850 | 0 | 99 |
| 3/5/2011 | HAMMER POINT | ---- | 0 | |
| 3/5/2011 | IROQUOIS BEACH | 819 | 0 | 99 |
| 3/17/2011 | S1 | 742 | 0 | 85 |
| 3/17/2011 | S2 | 724 | 0 | 85 |
| 3/17/2011 | S3 | 657 | 0 | 85 |
| 3/17/2011 | S4 | 641 | 0 | 85 |
| 3/17/2011 | HAMMER POINT | ---- | 0 | |
| 3/17/2011 | IROQUOIS BEACH | 803 | 0 | 85 |
| 3/23/2011 | S1 | 746 | 0 | 50 |
| 3/23/2011 | S2 | 726 | 0 | 50 |
| 3/23/2011 | S3 | 700 | 0 | 50 |
| 3/23/2011 | S4 | 645 | 0 | 50 |
| 3/23/2011 | HAMMER POINT | ---- | 0 | |

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|---|---|---|---|---|
| 3/23/2011 | IROQUOIS BEACH | 810 | 0 | 50 |
| 3/29/2011 | S1 | 745 | 0 | 15 |
| 3/29/2011 | S2 | 730 | 0 | 15 |
| 3/29/2011 | S3 | 704 | 0 | 15 |
| 3/29/2011 | S4 | 651 | 0 | 15 |
| 3/29/2011 | HAMMER POINT | ---- | 0 | |
| 3/29/2011 | IROQUOIS BEACH | 810 | 0 | 15 |
| 4/4/2011 | S1 | 749 | 0 | 60 |
| 4/4/2011 | S2 | 729 | 0 | 60 |
| 4/4/2011 | S3 | 701 | 0 | 60 |
| 4/4/2011 | S4 | 646 | 0 | 60 |
| 4/4/2011 | HAMMER POINT | ---- | 0 | |
| 4/4/2011 | IROQUOIS BEACH | 813 | 0 | 60 |
| 4/10/2011 | S1 | 637 | 0 | 80 |
| 4/10/2011 | S2 | 624 | 0 | 80 |
| 4/10/2011 | S3 | 604 | 0 | 80 |
| 4/10/2011 | S4 | 555 | 0 | 80 |
| 4/10/2011 | HAMMER POINT | ---- | 0 | |
| 4/10/2011 | IROQUOIS BEACH | 652 | 0 | 80 |
| 4/16/2011 | S1 | 720 | 0 | 65 |
| 4/16/2011 | S2 | 706 | 0 | 65 |
| 4/16/2011 | S3 | 645 | 0 | 65 |
| 4/16/2011 | S4 | 633 | 0 | 65 |
| 4/16/2011 | HAMMER POINT | ---- | 0 | |
| 4/16/2011 | IROQUOIS BEACH | 743 | 0 | 65 |
| 4/22/2011 | S1 | 722 | 0 | 5 |
| 4/22/2011 | S2 | 706 | 0 | 5 |
| 4/22/2011 | S3 | 642 | 0 | 5 |
| 4/22/2011 | S4 | 629 | 0 | 5 |
| 4/22/2011 | HAMMER POINT | ---- | 0 | |
| 4/22/2011 | IROQUOIS BEACH | 742 | 0 | 5 |
| 4/28/2011 | S1 | 706 | 0 | 30 |
| 4/28/2011 | S2 | 650 | 0 | 30 |
| 4/28/2011 | S3 | 630 | 0 | 30 |
| 4/28/2011 | S4 | 618 | 0 | 30 |
| 4/28/2011 | HAMMER POINT | ---- | 0 | |
| 4/28/2011 | IROQUOIS BEACH | 726 | 0 | 30 |
| 5/4/2011 | S1 | 726 | 0 | 75 |
| 5/4/2011 | S2 | 711 | 0 | 75 |
| 5/4/2011 | S3 | 650 | 0 | 75 |
| 5/4/2011 | S4 | 631 | 0 | 75 |
| 5/4/2011 | HAMMER POINT | ---- | 0 | |
| 5/4/2011 | IROQUOIS BEACH | 745 | 0 | 75 |
| 5/10/2011 | S1 | 727 | 0 | 98 |

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|---|---|---|---|---|
| 5/10/2011 | S2 | 711 | 0 | 98 |
| 5/10/2011 | S3 | 635 | 0 | 98 |
| 5/10/2011 | S4 | 622 | 0 | 98 |
| 5/10/2011 | HAMMER POINT | ---- | 0 | |
| 5/10/2011 | IROQUOIS BEACH | 752 | 0 | 98 |
| 5/16/2011 | S1 | 728 | 0 | 50 |
| 5/16/2011 | S2 | 710 | 0 | 50 |
| 5/16/2011 | S3 | 647 | 0 | 50 |
| 5/16/2011 | S4 | 637 | 0 | 50 |
| 5/16/2011 | HAMMER POINT | ---- | 0 | |
| 5/16/2011 | IROQUOIS BEACH | 744 | 0 | 50 |
| 5/22/2011 | S1 | 641 | 0 | 30 |
| 5/22/2011 | S2 | 628 | 0 | 30 |
| 5/22/2011 | S3 | 606 | 0 | 30 |
| 5/22/2011 | S4 | 555 | 0 | 30 |
| 5/22/2011 | HAMMER POINT | ---- | 0 | |
| 5/22/2011 | IROQUOIS BEACH | 703 | 0 | 30 |
| 5/28/2011 | S1 | 719 | 0 | 35 |
| 5/28/2011 | S2 | 702 | 0 | 35 |
| 5/28/2011 | S3 | 637 | 0 | 35 |
| 5/28/2011 | S4 | 625 | 0 | 35 |
| 5/28/2011 | HAMMER POINT | ---- | 0 | |
| 5/28/2011 | IROQUOIS BEACH | 742 | 0 | 35 |
| 6/3/2011 | S1 | 800 | 0 | 98 |
| 6/3/2011 | S2 | 744 | 0 | 98 |
| 6/3/2011 | S3 | 714 | 0 | 98 |
| 6/3/2011 | S4 | 701 | 0 | 98 |
| 6/3/2011 | HAMMER POINT | ---- | 0 | |
| 6/3/2011 | IROQUOIS BEACH | 822 | 0 | 98 |
| 6/9/2011 | S1 | 716 | 0 | 65 |
| 6/9/2011 | S2 | 701 | 0 | 65 |
| 6/9/2011 | S3 | 639 | 0 | 65 |
| 6/9/2011 | S4 | 628 | 0 | 65 |
| 6/9/2011 | HAMMER POINT | ---- | 0 | |
| 6/9/2011 | IROQUOIS BEACH | 739 | 0 | 65 |
| 6/15/2011 | S1 | 728 | 0 | 30 |
| 6/15/2011 | S2 | 712 | 0 | 30 |
| 6/15/2011 | S3 | 649 | 0 | 30 |
| 6/15/2011 | S4 | 635 | 0 | 30 |
| 6/15/2011 | HAMMER POINT | ---- | 0 | |
| 6/15/2011 | IROQUOIS BEACH | 749 | 0 | 30 |
| 6/21/2011 | S1 | 716 | 0 | 30 |
| 6/21/2011 | S2 | 657 | 0 | 30 |
| 6/21/2011 | S3 | 616 | 0 | 30 |

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|---|---|---|---|---|
| 6/21/2011 | S4 | 632 | 0 | 30 |
| 6/21/2011 | HAMMER POINT | ---- | 0 | |
| 6/21/2011 | IROQUOIS BEACH | 732 | 0 | 30 |
| 6/27/2011 | S1 | 712 | 0 | 40 |
| 6/27/2011 | S2 | 654 | 0 | 40 |
| 6/27/2011 | S3 | 632 | 0 | 40 |
| 6/27/2011 | S4 | 618 | 0 | 40 |
| 6/27/2011 | HAMMER POINT | | 0 | |
| 6/27/2011 | IROQUOIS BEACH | 730 | 0 | 40 |
| 7/3/2011 | S1 | 720 | 0 | 10 |
| 7/3/2011 | S2 | 708 | 0 | 10 |
| 7/3/2011 | S3 | 646 | 0 | 10 |
| 7/3/2011 | S4 | 637 | 0 | 10 |
| 7/3/2011 | HAMMER POINT | ---- | 0 | |
| 7/3/2011 | IROQUOIS BEACH | 737 | 0 | 10 |
| 7/9/2011 | S1 | 721 | 0 | 55 |
| 7/9/2011 | S2 | 706 | 0 | 55 |
| 7/9/2011 | S3 | 642 | 0 | 55 |
| 7/9/2011 | S4 | 630 | 0 | 55 |
| 7/9/2011 | HAMMER POINT | ---- | 0 | |
| 7/9/2011 | IROQUOIS BEACH | 743 | 0 | 55 |
| 7/15/2011 | S1 | 701 | 0 | 25 |
| 7/15/2011 | S2 | 640 | 0 | 25 |
| 7/15/2011 | S3 | 619 | 0 | 25 |
| 7/15/2011 | S4 | 609 | 0 | 25 |
| 7/15/2011 | HAMMER POINT | ---- | 0 | |
| 7/15/2011 | IROQUOIS BEACH | 720 | 0 | 25 |
| 7/21/2011 | S1 | 717 | 0 | 55 |
| 7/21/2011 | S2 | 700 | 0 | 55 |
| 7/21/2011 | S3 | 635 | 0 | 55 |
| 7/21/2011 | S4 | 620 | 0 | 55 |
| 7/21/2011 | HAMMER POINT | ---- | 0 | |
| 7/21/2011 | IROQUOIS BEACH | 738 | 0 | 55 |
| 7/27/2011 | S1 | 719 | 0 | 15 |
| 7/27/2011 | S2 | 704 | 0 | 15 |
| 7/27/2011 | S3 | 641 | 0 | 15 |
| 7/27/2011 | S4 | 630 | 0 | 15 |
| 7/27/2011 | HAMMER POINT | ---- | 0 | |
| 7/27/2011 | IROQUOIS BEACH | 739 | 0 | 15 |
| 8/2/2011 | S1 | 727 | 0 | 40 |
| 8/2/2011 | S2 | 711 | 0 | 40 |
| 8/2/2011 | S3 | 644 | 0 | 40 |
| 8/2/2011 | S4 | 632 | 0 | 40 |
| 8/2/2011 | HAMMER POINT | ---- | 0 | |

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|---|---|---|---|---|
| 8/2/2011 | IROQUOIS BEACH | 749 | 0 | 40 |
| 8/8/2011 | S1 | 725 | 0 | 8 |
| 8/8/2011 | S2 | 706 | 0 | 8 |
| 8/8/2011 | S3 | 635 | 0 | 8 |
| 8/8/2011 | S4 | 621 | 0 | 8 |
| 8/8/2011 | HAMMER POINT | ---- | 0 | |
| 8/8/2011 | IROQUOIS BEACH | 803 | 0 | 8 |
| 8/14/2011 | S1 | 733 | 0 | 70 |
| 8/14/2011 | S2 | 717 | 0 | 70 |
| 8/14/2011 | S3 | 651 | 0 | 70 |
| 8/14/2011 | S4 | 632 | 0 | 70 |
| 8/14/2011 | HAMMER POINT | ---- | 0 | |
| 8/14/2011 | IROQUOIS BEACH | 754 | 0 | 70 |
| 8/20/2011 | S1 | 711 | 0 | 70 |
| 8/20/2011 | S2 | 655 | 0 | 70 |
| 8/20/2011 | S3 | 629 | 0 | 70 |
| 8/20/2011 | S4 | 615 | 0 | 70 |
| 8/20/2011 | HAMMER POINT | ---- | 0 | |
| 8/20/2011 | IROQUOIS BEACH | 732 | 0 | 70 |
| 8/26/2011 | S1 | 736 | 0 | 25 |
| 8/26/2011 | S2 | 721 | 0 | 25 |
| 8/26/2011 | S3 | 654 | 0 | 25 |
| 8/26/2011 | S4 | 640 | 0 | 25 |
| 8/26/2011 | HAMMER POINT | ---- | 0 | |
| 8/26/2011 | IROQUOIS BEACH | 755 | 0 | 25 |
| 9/1/2011 | S1 | 803 | 0 | 60 |
| 9/1/2011 | S2 | 745 | 0 | 60 |
| 9/1/2011 | S3 | 720 | 0 | 60 |
| 9/1/2011 | S4 | 707 | 0 | 60 |
| 9/1/2011 | HAMMER POINT | ---- | 0 | |
| 9/1/2011 | IROQUOIS BEACH | 825 | 0 | 60 |
| 9/7/2011 | S1 | 721 | 0 | 10 |
| 9/7/2011 | S2 | 707 | 0 | 10 |
| 9/7/2011 | S3 | 643 | 0 | 10 |
| 9/7/2011 | S4 | 633 | 0 | 10 |
| 9/7/2011 | HAMMER POINT | ---- | 0 | |
| 9/7/2011 | IROQUOIS BEACH | 740 | 0 | 10 |
| 9/13/2011 | S1 | 756 | 0 | 45 |
| 9/13/2011 | S2 | 741 | 0 | 45 |
| 9/13/2011 | S3 | 714 | 0 | 45 |
| 9/13/2011 | S4 | 701 | 0 | 45 |
| 9/13/2011 | HAMMER POINT | ---- | 0 | |
| 9/13/2011 | IROQUOIS BEACH | 817 | 0 | 45 |
| 9/19/2011 | S1 | 723 | 0 | 45 |

| | | | | |
|---|---|---|---|---|
| 9/19/2011 | S2 | 709 | 0 | 45 |
| 9/19/2011 | S3 | 648 | 0 | 45 |
| 9/19/2011 | S4 | 631 | 0 | 45 |
| 9/19/2011 | HAMMER POINT | ---- | 0 | |
| 9/19/2011 | IROQUOIS BEACH | 743 | 0 | 45 |
| 9/25/2011 | S1 | 655 | 0 | 10 |
| 9/25/2011 | S2 | 640 | 0 | 10 |
| 9/25/2011 | S3 | 619 | 0 | 10 |
| 9/25/2011 | S4 | 610 | 0 | 10 |
| 9/25/2011 | HAMMER POINT | ---- | 0 | |
| 9/25/2011 | IROQUOIS BEACH | 714 | 0 | 10 |
| 10/1/2011 | S1 | 651 | 0 | 35 |
| 10/1/2011 | S2 | 636 | 0 | 35 |
| 10/1/2011 | S3 | 615 | 0 | 35 |
| 10/1/2011 | S4 | 604 | 0 | 35 |
| 10/1/2011 | HAMMER POINT | ---- | 0 | |
| 10/1/2011 | IROQUOIS BEACH | 707 | 0 | 35 |
| 10/7/2011 | S1 | 803 | 0 | 90 |
| 10/7/2011 | S2 | 745 | 0 | 90 |
| 10/7/2011 | S3 | 718 | 0 | 90 |
| 10/7/2011 | S4 | 658 | 0 | 90 |
| 10/7/2011 | HAMMER POINT | ---- | 0 | |
| 10/7/2011 | IROQUOIS BEACH | 830 | 0 | 90 |
| 10/13/2011 | S1 | 756 | 0 | 65 |
| 10/13/2011 | S2 | 708 | 0 | 65 |
| 10/13/2011 | S3 | 635 | 0 | 65 |
| 10/13/2011 | S4 | 620 | 0 | 65 |
| 10/13/2011 | HAMMER POINT | ---- | 0 | |
| 10/13/2011 | IROQUOIS BEACH | 814 | 0 | 65 |
| 10/19/2011 | S1 | 912 | 0 | 80 |
| 10/19/2011 | S2 | 855 | 0 | 80 |
| 10/19/2011 | S3 | 831 | 0 | 80 |
| 10/19/2011 | S4 | 821 | 0 | 80 |
| 10/19/2011 | HAMMER POINT | ---- | 0 | |
| 10/19/2011 | IROQUOIS BEACH | 931 | 0 | 80 |
| 10/25/2011 | S1 | 748 | 0 | 80 |
| 10/25/2011 | S2 | 731 | 0 | 80 |
| 10/25/2011 | S3 | 708 | 0 | 80 |
| 10/25/2011 | S4 | 658 | 0 | 80 |
| 10/25/2011 | HAMMER POINT | ---- | 0 | |
| 10/25/2011 | IROQUOIS BEACH | 809 | 0 | 80 |
| 10/31/2011 | S1 | 801 | 0 | 65 |
| 10/31/2011 | S2 | 741 | 0 | 65 |
| 10/31/2011 | S3 | 712 | 0 | 65 |

| | | | | |
|---|---|---|---|---|
| 10/31/2011 | S4 | 656 | 0 | 65 |
| 10/31/2011 | HAMMER POINT | ---- | 0 | |
| 10/31/2011 | IROQUOIS BEACH | 827 | 0 | 65 |
| 11/6/2011 | S1 | 756 | 0 | 20 |
| 11/6/2011 | S2 | 741 | 0 | 20 |
| 11/6/2011 | S3 | 718 | 0 | 20 |
| 11/6/2011 | S4 | 704 | 0 | 20 |
| 11/6/2011 | HAMMER POINT | ---- | 0 | |
| 11/6/2011 | IROQUOIS BEACH | 815 | 0 | 20 |
| 11/12/2011 | S1 | 650 | 0 | 30 |
| 11/12/2011 | S2 | 633 | 0 | 30 |
| 11/12/2011 | S3 | 746 | 0 | 30 |
| 11/12/2011 | S4 | 758 | 0 | 30 |
| 11/12/2011 | HAMMER POINT | ---- | 0 | |
| 11/12/2011 | IROQUOIS BEACH | 711 | 0 | 30 |
| 11/18/2011 | S1 | 727 | 0 | 60 |
| 11/18/2011 | S2 | 710 | 0 | 60 |
| 11/18/2011 | S3 | 649 | 0 | 60 |
| 11/18/2011 | S4 | 638 | 0 | 60 |
| 11/18/2011 | HAMMER POINT | ---- | 0 | |
| 11/18/2011 | IROQUOIS BEACH | 744 | 0 | 60 |
| 11/24/2011 | S1 | 657 | 0 | 15 |
| 11/24/2011 | S2 | 643 | 0 | 15 |
| 11/24/2011 | S3 | 619 | 0 | 15 |
| 11/24/2011 | S4 | 604 | 0 | 15 |
| 11/24/2011 | HAMMER POINT | ---- | 0 | |
| 11/24/2011 | IROQUOIS BEACH | 717 | 0 | 15 |
| 11/30/2011 | S1 | 731 | 0 | 50 |
| 11/30/2011 | S2 | 716 | 0 | 50 |
| 11/30/2011 | S3 | 655 | 0 | 50 |
| 11/30/2011 | S4 | 641 | 0 | 50 |
| 11/30/2011 | HAMMER POINT | ---- | 0 | |
| 11/30/2011 | IROQUOIS BEACH | 749 | 0 | 50 |
| 12/6/2011 | S1 | 726 | 0 | 75 |
| 12/6/2011 | S2 | 710 | 0 | 75 |
| 12/6/2011 | S3 | 644 | 0 | 75 |
| 12/6/2011 | S4 | 634 | 0 | 75 |
| 12/6/2011 | HAMMER POINT | ---- | 0 | |
| 12/6/2011 | IROQUOIS BEACH | 748 | 0 | 75 |
| 12/12/2011 | S1 | 742 | 0 | 75 |
| 12/12/2011 | S2 | 723 | 0 | 75 |
| 12/12/2011 | S3 | 702 | 0 | 75 |
| 12/12/2011 | S4 | 651 | 0 | 75 |
| 12/12/2011 | HAMMER POINT | ---- | 0 | |

| | | | | |
|---|---|---|---|---|
| 12/12/2011 | IROQUOIS BEACH | 801 | 0 | 75 |
| 12/18/2011 | S1 | 657 | 0 | 30 |
| 12/18/2011 | S2 | 638 | 0 | 30 |
| 12/18/2011 | S3 | 803 | 0 | 30 |
| 12/18/2011 | S4 | 748 | 0 | 30 |
| 12/18/2011 | HAMMER POINT | ---- | 0 | |
| 12/18/2011 | IROQUOIS BEACH | 719 | 0 | 30 |
| 12/24/2011 | S1 | 721 | 0 | 70 |
| 12/24/2011 | S2 | 705 | 0 | 70 |
| 12/24/2011 | S3 | 642 | 0 | 70 |
| 12/24/2011 | S4 | 631 | 0 | 70 |
| 12/24/2011 | HAMMER POINT | ---- | 0 | |
| 12/24/2011 | IROQUOIS BEACH | 741 | 0 | 70 |
| 12/30/2011 | S1 | 733 | 0 | 75 |
| 12/30/2011 | S2 | 714 | 0 | 75 |
| 12/30/2011 | S3 | 653 | 0 | 75 |
| 12/30/2011 | S4 | 641 | 0 | 75 |
| 12/30/2011 | HAMMER POINT | ---- | 0 | |
| 12/30/2011 | IROQUOIS BEACH | 753 | 0 | 75 |

| Tide hgt (ft) | Tide stage (0154) | Odor Floatable n/p | Wind low (m/h) | Wind high (m/h) | Wind dir (deg) | Water color (0394) | Wea-ther (0108) | Sea state (0109) | Wave hgt (0362) | Wave direction. (se) | Less than (<) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.1 | 1 | N | 1 | 2 | N | 2 | 1 | 2 | 0 | | |
| 1.2 | 1 | N | 1 | 2 | NE | 4 | 1 | 2 | 0 | | |
| 1.5 | 1 | N | 1 | 2 | N | 2 | 0 | 2 | 0 | | < |
| 1.5 | 1 | N | 2 | 3 | NE | 2 | 0 | 2 | 0 | | |
| 0.9 | 1 | N | 3 | 4 | N | 2 | 1 | 2 | 0 | | |
| 1.4 | 1 | N | 14 | 15 | S | 2 | 1 | 2 | 0 | | |
| 1.4 | 1 | N | 13 | 14 | S | 2 | 1 | 2 | 0 | | |
| 1.4 | 4 | N | 10 | 12 | S | 2 | 1 | 2 | 0 | | |
| 1.4 | 3 | N | 11 | 12 | S | 2 | 1 | 2 | 0 | | |
| 1.3 | 1 | N | 12 | 13 | S | 3 | 1 | 2 | 0 | | |
| 0.3 | 3 | N | 1 | 2 | NE | 3 | 1 | 2 | 0 | | < |
| 0.3 | 2 | N | 1 | 2 | N | 3 | 1 | 2 | 0 | | |
| 0.3 | 1 | N | 1 | 2 | N | 4 | 1 | 2 | 1 | | |
| 0.4 | 3 | N | 1 | 2 | SE | 2 | 1 | 2 | 0 | | |
| 1.6 | 1 | N | 0 | 1 | N | 4 | 0 | 2 | 1 | | |
| 1.6 | 1 | N | 0 | 1 | N | 3 | 0 | 2 | 1 | | < |
| 1.8 | 1 | N | 0 | 1 | NE | 3 | 0 | 2 | 1 | | |
| 1.9 | 1 | N | 0 | 1 | N | 2 | 0 | 2 | 1 | | |
| 1.5 | 1 | N | 0 | 1 | N | 4 | 0 | 2 | 1 | | |
| 0.4 | 2 | N | 4 | 6 | NE | 3 | 1 | 2 | 1 | | < |
| 0.4 | 2 | N | 6 | 8 | NE | 3 | 1 | 1 | 1 | | < |
| 0.4 | 1 | N | 2 | 3 | NE | 3 | 1 | 1 | 1 | | |
| 0.5 | 1 | N | 1 | 2 | NE | 3 | 1 | 1 | 1 | | < |
| 0.5 | 3 | N | 8 | 10 | NE | 3 | 1 | 1 | 1 | | < |
| 1.1 | 1 | N | 1 | 2 | N | 2 | 1 | 2 | 0 | | < |
| 1.3 | 1 | N | 1 | 2 | NE | 2 | 1 | 2 | 0 | | |
| 1.4 | 1 | N | 1 | 2 | N | 2 | 1 | 2 | 0 | | < |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.5 | 1 | N | 2 | 3 | NE | 2 | 1 | 2 | 0 | < |
| | | | | | | | | | | |
| 1 | 1 | N | 3 | 4 | N | 2 | 1 | 1 | 0 | < |
| 0.8 | 1 | N | 14 | 15 | S | 3 | 1 | 2 | 0 | |
| 0.8 | 1 | N | 13 | 14 | S | 3 | 1 | 2 | 0 | < |
| 0.8 | 1 | N | 10 | 12 | S | 2 | 1 | 2 | 0 | < |
| 0.9 | 1 | N | 11 | 12 | S | 2 | 1 | 2 | 0 | < |
| | | | | | | | | | | |
| 0.7 | 1 | N | 12 | 13 | S | 1 | 1 | 1 | 0 | < |
| 0.1 | 1 | N | 1 | 2 | NE | 3 | 1 | 2 | 0 | |
| 0.2 | 1 | N | 1 | 2 | N | 2 | 1 | 2 | 0 | < |
| 0.3 | 1 | N | 1 | 2 | N | 2 | 1 | 2 | 0 | |
| 0.3 | | | | | | | | | | < |
| | | | | | | | | | | |
| 0 | 1 | N | 1 | 2 | SE | 1 | 1 | 1 | 0 | < |
| 1.1 | 1 | N | 0 | 1 | N | 3 | 1 | 3 | 2 | |
| 1.2 | 1 | N | 0 | 1 | N | 3 | 1 | 3 | 2 | |
| 1.3 | 1 | N | 0 | 1 | NE | 3 | 1 | 2 | 1 | |
| 1.4 | 1 | N | 0 | 1 | N | 3 | 1 | 2 | 1 | < |
| | | | | | | | | | | |
| 1 | 1 | N | 0 | 1 | N | 3 | 1 | 1 | 0 | |
| 0.1 | 1 | N | 4 | 6 | NE | 3 | 0 | 1 | 1 | < |
| 0.2 | 1 | N | 6 | 8 | NE | 3 | 0 | 1 | 1 | |
| 0.2 | 1 | N | 2 | 3 | NE | 2 | 0 | 1 | 1 | < |
| 0.3 | 1 | N | 1 | 2 | NE | 2 | 0 | 1 | 0 | |
| | | | | | | | | | | |
| 0.1 | 1 | N | 8 | 10 | NE | 2 | 0 | 1 | 0 | |
| 0.5 | 1 | N | 2 | 4 | N | 4 | 2 | 2 | 1 | |
| 0.7 | 1 | N | 2 | 4 | N | 3 | 2 | 2 | 1 | |
| 0.9 | 1 | N | 2 | 3 | N | 3 | 2 | 2 | 1 | |
| 0.2 | 1 | N | 2 | 3 | N | 3 | 5 | 2 | 1 | |
| | | | | | | | | | | |
| 0.4 | 1 | N | 1 | 2 | N | 3 | 2 | 1 | 0 | < |
| 0 | 1 | N | 8 | 14 | NE | 3 | 1 | 2 | 1 | |
| 0.1 | 1 | N | 4 | 7 | NE | 4 | 1 | 3 | 1 | |
| 0.3 | 1 | N | 4 | 6 | NE | 4 | 1 | 3 | 1 | |
| 0.4 | 1 | N | 3 | 5 | NE | 4 | 1 | 2 | 1 | |
| | | | | | | | | | | |
| -0.1 | 1 | N | 11 | 15 | NE | 2 | 1 | 2 | 1 | |
| 0.6 | 1 | N | 9 | 12 | NE | 2 | 1 | 2 | 1 | < |
| 0.6 | 1 | N | 9 | 13 | NE | 2 | 1 | 2 | 1 | |
| 0.7 | 4 | N | 10 | 13 | NE | 3 | 1 | 2 | 1 | < |
| 0.7 | 4 | N | 3 | 4 | NE | 3 | 1 | 2 | 1 | < |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.5 | 1 | N | 15 | 21 | NE | 2 | 1 | 1 | 1 | < |
| 0 | 2 | N | 3 | 5 | NE | 3 | 1 | 2 | 1 | < |
| 0 | 1 | N | 1 | 3 | NE | 3 | 1 | 2 | 1 | |
| 0 | 1 | N | 0 | 1 | N | 3 | 1 | 2 | 1 | |
| 0.1 | 1 | N | 3 | 4 | NE | 3 | 1 | 2 | 1 | |
| | | | | | | | | | | |
| 0 | 3 | N | 9 | 10 | NE | 3 | 1 | 1 | 0 | < |
| 0.2 | 1 | N | 1 | 2 | N | 3 | 1 | 2 | 1 | < |
| 0.3 | 1 | N | 2 | 3 | NE | 3 | 1 | 2 | 1 | |
| 0.4 | 1 | N | 0 | 1 | NE | 2 | 1 | 3 | 1 | |
| 0.5 | 1 | N | 2 | 3 | NE | 2 | 1 | 2 | 1 | |
| | | | | | | | | | | |
| 0 | 1 | N | 3 | 5 | NE | 2 | 1 | 2 | 1 | < |
| 0.2 | 3 | N | 2 | 4 | NE | 3 | 1 | 2 | 1 | < |
| 0.2 | 3 | N | 2 | 4 | NE | 4 | 1 | 2 | 1 | |
| 0.2 | 3 | N | 1 | 2 | NE | 3 | 1 | 1 | 1 | < |
| 0.2 | 3 | N | 1 | 2 | NE | 3 | 1 | 1 | 1 | < |
| | | | | | | | | | | |
| 0.2 | 3 | N | 5 | 7 | NE | 2 | 1 | 1 | 0 | |
| -0.2 | 1 | N | 1 | 2 | N | 3 | 1 | 2 | 1 | |
| -0.1 | 1 | N | 0 | 1 | NE | 3 | 1 | 1 | 0 | |
| 0 | 1 | N | 0 | 1 | E | 3 | 1 | 2 | 1 | |
| 0.1 | 1 | N | 1 | 2 | NE | 3 | 1 | 1 | 1 | < |
| | | | | | | | | | | |
| -0.3 | 1 | N | 1 | 3 | E | 3 | 0 | 1 | 0 | |
| 0.4 | 3 | N | 2 | 4 | E | 3 | 0 | 2 | 1 | < |
| 0.4 | 3 | N | 1 | 3 | E | 3 | 0 | 1 | 0 | |
| 0.4 | 3 | N | 0 | 2 | NE | 3 | 0 | 2 | 1 | < |
| 0.3 | 3 | N | 0 | 1 | NE | 3 | 0 | 1 | 1 | |
| | | | | | | | | | | |
| 0.4 | 4 | N | 6 | 7 | E | 2 | 0 | 1 | 0 | < |
| -0.1 | 1 | N | 6 | 7 | NE | 2 | 1 | 2 | 1 | < |
| -0.1 | 1 | N | 4 | 5 | NE | 4 | 1 | 2 | 1 | |
| 0 | 1 | N | 0 | 1 | N | 2 | 1 | 2 | 1 | |
| 0.1 | 1 | N | 3 | 4 | N | 3 | 1 | 2 | 1 | < |
| | | | | | | | | | | |
| -0.1 | 2 | N | 6 | 7 | NE | 2 | 1 | 2 | 1 | < |
| 0.3 | 1 | N | 3 | 6 | NE | 2 | 1 | 2 | 1 | |
| 0.3 | 1 | N | 3 | 5 | NE | 4 | 1 | 2 | 1 | |
| 0.3 | 1 | N | 6 | 7 | NE | 3 | 5 | 2 | 1 | < |
| 0.3 | 1 | N | 3 | 7 | NE | 2 | 1 | 2 | 1 | < |
| | | | | | | | | | | |
| 0.2 | 1 | N | 9 | 13 | NE | 2 | 5 | 2 | 1 | |
| 0.3 | 3 | N | 0 | 1 | N | 4 | 5 | 2 | 1 | < |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.3 | 3 | N | 0 | 1 | N | 3 | 6 | 2 | 1 | |
| 0.1 | 3 | N | 1 | 2 | N | 3 | 5 | 2 | 1 | < |
| 0.1 | 3 | N | 3 | 4 | N | 3 | 2 | 2 | 1 | |
| | | | | | | | | | | |
| 0.3 | 3 | N | 0 | 1 | W | 3 | 2 | 1 | 0 | |
| -0.4 | 1 | N | 1 | 2 | N | 3 | 1 | 1 | 2 | |
| -0.3 | 1 | N | 1 | 2 | N | 2 | 1 | 1 | 1 | |
| -0.2 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 1 | < |
| -0.1 | 1 | N | 2 | 3 | NE | 2 | 1 | 1 | 1 | < |
| | | | | | | | | | | |
| -0.4 | 1 | N | 1 | 2 | N | 2 | 1 | 1 | 0 | < |
| 0.4 | 3 | N | 9 | 10 | NE | 2 | 1 | 2 | 0 | < |
| 0.4 | 3 | N | 8 | 10 | NE | 4 | 1 | 2 | 0 | < |
| 0.3 | 3 | N | 5 | 6 | N | 2 | 1 | 2 | 0 | < |
| 0.3 | 3 | N | 2 | 3 | N | 2 | 1 | 2 | 0 | < |
| | | | | | | | | | | |
| 0.4 | 3 | N | 8 | 9 | NE | 2 | 1 | 1 | 0 | |
| -0.1 | 3 | N | 7 | 8 | NE | 3 | 1 | 2 | 1 | |
| -0.1 | 3 | N | 6 | 7 | NE | 3 | 1 | 2 | 1 | |
| -0.1 | 2 | N | 7 | 8 | NE | 3 | 1 | 2 | 1 | < |
| -0.1 | 2 | N | 3 | 4 | NE | 3 | 1 | 2 | 1 | |
| | | | | | | | | | | |
| -0.1 | 3 | N | 10 | 11 | NE | 2 | 1 | 2 | 1 | < |
| 0 | 1 | N | 4 | 7 | N | 3 | 5 | 2 | 1 | < |
| 0.1 | 1 | N | 5 | 8 | N | 3 | 6 | 1 | 0 | |
| 0.2 | 1 | N | 3 | 6 | N | 3 | 2 | 2 | 1 | < |
| 0.2 | 1 | N | 4 | 6 | N | 4 | 5 | 1 | 1 | |
| | | | | | | | | | | |
| 0 | 1 | N | 4 | 6 | N | 2 | 5 | 1 | 0 | |
| 0.3 | 3 | N | 6 | 7 | NE | 3 | 1 | 2 | 0 | < |
| 0.3 | 3 | N | 6 | 7 | NE | 3 | 1 | 2 | 0 | < |
| 0.2 | 3 | N | 7 | 9 | E | 2 | 1 | 2 | 0 | < |
| 0.1 | 3 | N | 3 | 4 | NE | 2 | 1 | 2 | 0 | < |
| | | | | | | | | | | |
| 0.5 | 3 | N | 10 | 11 | NE | 2 | 1 | 1 | 0 | < |
| -0.2 | 1 | N | 4 | 7 | E | 3 | 1 | 2 | 1 | |
| -0.2 | 1 | N | 3 | 4 | NE | 3 | 0 | 1 | 0 | < |
| -0.1 | 1 | N | 0 | 1 | NE | 3 | 0 | 1 | 1 | < |
| 0 | 1 | N | 2 | 4 | NE | 3 | 0 | 1 | 1 | < |
| | | | | | | | | | | |
| -0.3 | 1 | N | 8 | 12 | NE | 3 | 1 | 1 | 0 | |
| 0.7 | 3 | N | 0 | 1 | NE | 2 | 1 | 2 | 1 | |
| 0.7 | 3 | N | 2 | 3 | NE | 2 | 1 | 2 | 1 | |
| 0.5 | 3 | N | 0 | 1 | NE | 2 | 1 | 2 | 1 | < |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.6 | 3 | N | 2 | 3 | N | 2 | 1 | 2 | 1 | < |
| | | | | | | | | | | |
| 0.8 | 3 | N | 5 | 6 | NE | 2 | 1 | 2 | 1 | |
| -0.1 | 3 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | < |
| -0.1 | 3 | N | 4 | 5 | NE | 3 | 1 | 2 | 1 | < |
| -0.1 | 2 | N | 5 | 6 | NE | 2 | 1 | 2 | 1 | < |
| -0.1 | 1 | N | 0 | 1 | NE | 2 | 1 | 2 | 1 | < |
| | | | | | | | | | | |
| 0 | 3 | N | 10 | 12 | NE | 2 | 1 | 2 | 1 | < |
| 0.6 | 1 | N | 4 | 5 | NE | 3 | 0 | 2 | 0 | < |
| 0.6 | 1 | N | 1 | 2 | NE | 3 | 0 | 2 | 0 | < |
| 0.7 | 1 | N | 1 | 2 | N | 2 | 0 | 2 | 0 | |
| 0.7 | 1 | N | 2 | 3 | NE | 2 | 0 | 1 | 0 | < |
| | | | | | | | | | | |
| 0.4 | 1 | N | 4 | 5 | E | 2 | 0 | 2 | 0 | < |
| 0.4 | 3 | N | 6 | 8 | NE | 3 | 1 | 2 | 2 | |
| 0.3 | 3 | N | 2 | 4 | NE | 3 | 1 | 1 | 1 | |
| 0.2 | 3 | N | 1 | 2 | N | 3 | 1 | 2 | 1 | < |
| 0.1 | 3 | N | 2 | 4 | NE | 3 | 1 | 1 | 1 | |
| | | | | | | | | | | |
| 0.6 | 3 | N | 9 | 12 | NE | 3 | 1 | 1 | 0 | < |
| 0.2 | 1 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | |
| 0.3 | 1 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | |
| 0.4 | 1 | N | 1 | 2 | N | 2 | 1 | 2 | 1 | |
| 0.4 | 1 | N | 2 | 3 | NE | 2 | 1 | 2 | 1 | < |
| | | | | | | | | | | |
| 0.2 | 1 | N | 10 | 12 | NE | 2 | 1 | 2 | 1 | < |
| 1.1 | 3 | N | 3 | 5 | NE | 2 | 1 | 2 | 1 | < |
| 1.1 | 3 | N | 2 | 3 | E | 2 | 1 | 2 | 1 | |
| 1 | 3 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 | < |
| 0.9 | 3 | N | 2 | 3 | NE | 2 | 1 | 2 | 1 | < |
| | | | | | | | | | | |
| 1.2 | 3 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 | < |
| -0.1 | 3 | N | 2 | 3 | NE | 2 | 1 | 2 | 0 | < |
| -0.1 | 2 | N | 1 | 2 | NE | 3 | 1 | 2 | 0 | < |
| -0.1 | 1 | N | 1 | 2 | N | 2 | 0 | 1 | 0 | < |
| -0.1 | 1 | N | 2 | 3 | N | 2 | 0 | 1 | 0 | |
| | | | | | | | | | | |
| 0 | 3 | N | 1 | 2 | N | 2 | 1 | 1 | 0 | |
| 1.2 | 1 | N | 1 | 3 | N | 3 | 1 | 2 | 2 | < |
| 1.3 | 1 | N | 1 | 3 | NE | 3 | 1 | 1 | 1 | |
| 1.3 | 1 | N | 0 | 1 | NE | 3 | 1 | 2 | 1 | < |
| 1.3 | 1 | N | 3 | 6 | NE | 3 | 1 | 1 | 1 | < |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.1 | 1 | N | 1 | 3 | E | 3 | 1 | 1 | 1 | |
| 0.5 | 3 | N | 4 | 5 | N | 3 | 1 | 2 | 1 | < |
| 0.3 | 3 | N | 3 | 4 | N | 3 | 1 | 2 | 1 | < |
| 0.2 | 3 | N | 1 | 2 | N | 3 | 1 | 2 | 1 | < |
| 0.1 | 3 | N | 2 | 3 | NE | 3 | 1 | 1 | 0 | < |
| | | | | | | | | | | |
| 0.7 | 3 | N | 4 | 6 | NE | 3 | 1 | 1 | 0 | < |
| 0.6 | 1 | N | 2 | 3 | E | 3 | 1 | 2 | 1 | < |
| 0.6 | 1 | N | 0 | 2 | NE | 3 | 1 | 1 | 0 | < |
| 0.8 | 1 | N | 1 | 2 | NE | 3 | 1 | 2 | 1 | < |
| 0.9 | 1 | N | 1 | 3 | NE | 3 | 1 | 1 | 1 | < |
| | | | | | | | | | | |
| 0.4 | 1 | N | 2 | 4 | E | 3 | 1 | 1 | 0 | < |
| 1.4 | 3 | N | 4 | 6 | NE | 3 | 1 | 2 | 1 | |
| 1.4 | 3 | N | 1 | 2 | NE | 3 | 1 | 1 | 1 | |
| 1.3 | 3 | N | 1 | 3 | NE | 3 | 1 | 2 | 1 | |
| 1.2 | 3 | N | 1 | 2 | NE | 3 | 1 | 1 | 1 | |
| | | | | | | | | | | |
| 1.5 | 3 | N | 6 | 8 | E | 3 | 1 | 1 | 1 | < |
| 0 | 3 | N | 2 | 4 | NE | 3 | 1 | 2 | 1 | < |
| 0 | 2 | N | 2 | 4 | NE | 3 | 1 | 1 | 0 | |
| 0 | 2 | N | 1 | 3 | NE | 3 | 1 | 2 | 1 | < |
| 0 | 1 | N | 2 | 4 | NE | 3 | 1 | 1 | 1 | < |
| | | | | | | | | | | |
| 0 | 3 | N | 8 | 9 | E | 3 | 1 | 1 | 0 | |
| 1.8 | 1 | N | 1 | 2 | NE | 3 | 1 | 2 | 2 | < |
| 1.8 | 1 | N | 1 | 2 | NE | 3 | 1 | 2 | 1 | |
| 1.9 | 1 | N | 0 | 1 | NE | 3 | 1 | 2 | 1 | |
| 1.9 | 4 | N | 2 | 3 | NE | 3 | 1 | 2 | 1 | < |
| | | | | | | | | | | |
| 1.6 | 1 | N | 3 | 5 | NE | 4 | 1 | 2 | 1 | < |
| 0.3 | 3 | N | 2 | 3 | NE | 2 | 0 | 2 | 0 | < |
| 0.3 | 3 | N | 2 | 3 | NW | 2 | 0 | 2 | 0 | < |
| 0.2 | 3 | N | 1 | 2 | NE | 2 | 0 | 2 | 0 | < |
| 0.2 | 3 | N | 2 | 3 | NE | 2 | 0 | 2 | 0 | < |
| | | | | | | | | | | |
| 0.4 | 3 | N | 1 | 2 | N | 1 | 0 | 1 | 0 | |
| 0.8 | 1 | N | 2 | 4 | NE | 3 | 1 | 2 | 2 | < |
| 0.8 | 1 | N | 3 | 5 | NE | 3 | 5 | 1 | 1 | < |
| 1 | 1 | N | 0 | 2 | NE | 3 | 1 | 2 | 1 | < |
| 1.1 | 1 | N | 1 | 3 | NE | 3 | 1 | 2 | 1 | < |
| | | | | | | | | | | |
| 0.7 | 1 | N | 2 | 4 | N | 3 | 1 | 1 | 1 | < |
| 1.5 | 3 | N | 2 | 3 | NW | 3 | 1 | 2 | 0 | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.5 | 3 | N | 3 | 4 | N | 3 | 1 | 2 | 0 | < |
| 1.4 | 3 | N | 1 | 2 | NE | 2 | 1 | 2 | 0 | |
| 1.3 | 3 | N | 1 | 2 | NE | 2 | 1 | 2 | 0 | < |
| | | | | | | | | | | |
| 1.6 | 3 | N | 2 | 3 | NE | 2 | 1 | 1 | 0 | < |
| 0.3 | 1 | N | 2 | 3 | N | 3 | 0 | 2 | 0 | < |
| 0.4 | 1 | N | 1 | 2 | N | 2 | 0 | 2 | 0 | < |
| 0.5 | 1 | N | 1 | 2 | NE | 2 | 0 | 2 | 0 | < |
| 0.5 | 1 | N | 3 | 4 | NE | 2 | 0 | 2 | 0 | |
| | | | | | | | | | | |
| 0.3 | 1 | N | 2 | 3 | NW | 1 | 1 | 1 | 0 | < |
| 2.3 | 3 | N | 1 | 2 | N | 3 | 1 | 2 | 0 | |
| 2.2 | 3 | N | 3 | 4 | NE | 2 | 1 | 2 | 0 | |
| 2.2 | 3 | N | 1 | 2 | N | 2 | 1 | 2 | 0 | < |
| 2.1 | 3 | N | 2 | 3 | NE | 2 | 1 | 2 | 0 | |
| | | | | | | | | | | |
| 2.3 | 3 | N | 1 | 2 | N | 2 | 1 | 2 | 0 | |
| 0.5 | 3 | N | 4 | 5 | NE | 3 | 1 | 2 | 1 | < |
| 0.5 | 3 | N | 1 | 3 | NE | 3 | 1 | 2 | 1 | < |
| 0.4 | 3 | N | 2 | 5 | N | 3 | 1 | 3 | 1 | < |
| 0.4 | 2 | N | 3 | 5 | NE | 3 | 2 | 2 | 1 | < |
| | | | | | | | | | | |
| 0.6 | 3 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 | < |
| 1.2 | 1 | N | 4 | 5 | N | 3 | 1 | 2 | 1 | |
| 1.5 | 1 | N | 2 | 5 | N | 3 | 1 | 2 | 1 | < |
| 1.8 | 1 | N | 0 | 1 | NE | 3 | 1 | 2 | 1 | |
| 1.9 | 1 | N | 1 | 3 | NE | 3 | 1 | 2 | 1 | |
| | | | | | | | | | | |
| 1.1 | 1 | N | 5 | 6 | NE | 3 | 1 | 1 | 0 | |
| 1.8 | 3 | N | 1 | 2 | NE | 3 | 1 | 2 | 0 | |
| 1.8 | 3 | N | 2 | 3 | NE | 2 | 1 | 2 | 0 | |
| 1.8 | 3 | N | 2 | 3 | N | 2 | 2 | 2 | 0 | < |
| 1.7 | 3 | N | 2 | 3 | NE | 2 | 2 | 2 | 0 | |
| | | | | | | | | | | |
| 1.8 | 3 | N | 2 | 3 | NE | 3 | 1 | 1 | 0 | < |
| 0.6 | 1 | N | 1 | 2 | N | 2 | 2 | 2 | 0 | |
| 0.7 | 1 | N | 1 | 2 | N | 2 | 2 | 2 | 0 | |
| 1.2 | 1 | N | 1 | 2 | N | 2 | 2 | 2 | 0 | |
| 1.3 | 1 | N | 3 | 4 | N | 2 | 2 | 2 | 0 | |
| | | | | | | | | | | |
| 0.4 | 1 | N | 2 | 3 | N | 1 | 1 | 1 | 0 | |
| 2.2 | 4 | N | 3 | 4 | N | 3 | 1 | 2 | 2 | |
| 2.2 | 4 | N | 4 | 6 | N | 4 | 1 | 2 | 1 | < |
| 2.2 | 3 | N | 0 | 1 | NE | 3 | 1 | 2 | 1 | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2.2 | 3 | N | 2 | 4 | NE | 3 | 1 | 2 | 1 | |
| | | | | | | | | | | |
| 2.1 | 1 | N | 1 | 2 | N | 2 | 1 | 1 | 1 | < |
| 0.6 | 2 | N | 4 | 7 | NE | 3 | 1 | 2 | 1 | |
| 0.6 | 1 | N | 2 | 5 | NE | 3 | 1 | 2 | 1 | |
| 0.7 | 1 | N | 1 | 3 | NE | 3 | 1 | 2 | 1 | |
| 0.7 | 1 | N | 3 | 4 | NE | 3 | 0 | 1 | 1 | |
| | | | | | | | | | | |
| 0.6 | 2 | N | 9 | 11 | E | 3 | 1 | 1 | 1 | < |
| 1.9 | 1 | N | 2 | 4 | NW | 3 | 1 | 2 | 1 | |
| 2 | 1 | N | 1 | 5 | N | 3 | 1 | 2 | 1 | |
| 1.6 | 1 | N | 2 | 4 | NE | 4 | 1 | 2 | 1 | < |
| 1.5 | 1 | N | 2 | 5 | NE | 4 | 1 | 2 | 1 | |
| | | | | | | | | | | |
| 1.8 | 1 | N | 3 | 7 | NE | 3 | 1 | 2 | 1 | |
| 1.5 | 3 | N | 6 | 8 | E | 2 | 1 | 2 | 1 | < |
| 1.5 | 3 | N | 6 | 8 | NE | 3 | 1 | 2 | 1 | < |
| 1.4 | 3 | N | 5 | 6 | NE | 3 | 1 | 2 | 1 | |
| 1.4 | 3 | N | 6 | 7 | NE | 3 | 1 | 2 | 1 | |
| | | | | | | | | | | |
| 1.6 | 3 | N | 8 | 10 | NE | 2 | 1 | 2 | 1 | |
| 1.3 | 1 | N | 1 | 2 | N | 2 | 0 | 2 | 0 | |
| 1.5 | 1 | N | 3 | 4 | N | 2 | 0 | 2 | 0 | |
| 1.7 | 1 | N | 1 | 2 | N | 2 | 0 | 2 | 0 | < |
| 1.9 | 1 | N | 1 | 2 | NE | 2 | 0 | 2 | 0 | |
| | | | | | | | | | | |
| 1.2 | 1 | N | 1 | 2 | NW | 2 | 0 | 1 | 0 | < |
| 1.9 | 3 | N | 3 | 4 | N | 2 | 1 | 1 | 1 | < |
| 1.9 | 3 | N | 1 | 2 | NE | 2 | 1 | 1 | 1 | < |
| 1.8 | 3 | N | 0 | 1 | N | 2 | 1 | 1 | 1 | < |
| 1.8 | 3 | N | 1 | 2 | N | 2 | 1 | 1 | 1 | |
| | | | | | | | | | | |
| 1.9 | 3 | N | 2 | 3 | N | 2 | 1 | 1 | 1 | |
| 0.7 | 1 | N | 1 | 2 | NW | 2 | 1 | 2 | 0 | |
| 0.7 | 1 | N | 1 | 2 | NE | 4 | 1 | 2 | 0 | |
| 0.8 | 1 | N | 1 | 2 | NE | 2 | 1 | 2 | 0 | < |
| 0.8 | 1 | N | 1 | 2 | NE | 2 | 1 | 2 | 0 | |
| | | | | | | | | | | |
| 0.7 | 1 | N | 2 | 3 | NW | 1 | 1 | 1 | 0 | |
| 1.7 | 1 | N | 6 | 7 | NE | 2 | 1 | 2 | 0 | < |
| 1.9 | 1 | N | 3 | 4 | NE | 2 | 1 | 2 | 0 | |
| 2 | 1 | N | 3 | 4 | NE | 2 | 5 | 2 | 0 | |
| 2.1 | 1 | N | 2 | 3 | NE | 2 | 5 | 2 | 0 | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.6 | 1 | N | 10 | 11 | NE | 2 | 5 | 1 | 0 | |
| 1 | 3 | N | 1 | 2 | N | 3 | 1 | 2 | 1 | < |
| 1 | 3 | N | 3 | 6 | N | 3 | 1 | 2 | 1 | < |
| 1.2 | 3 | N | 2 | 3 | NE | 3 | 1 | 2 | 1 | |
| 1.1 | 3 | N | 6 | 7 | NE | 4 | 1 | 2 | 1 | |
| | | | | | | | | | | |
| 1.1 | 3 | N | 6 | 7 | NE | 3 | 1 | 1 | 0 | < |
| 1.3 | 1 | N | 8 | 10 | NE | 2 | 1 | 2 | 0 | |
| 1.5 | 1 | N | 3 | 5 | N | 2 | 1 | 2 | 0 | |
| 1.6 | 1 | N | 0 | 1 | N | 2 | 1 | 2 | 0 | < |
| 1.7 | 1 | N | 1 | 2 | W | 2 | 1 | 2 | 0 | |
| | | | | | | | | | | |
| 1.1 | 1 | N | 12 | 15 | NE | 2 | 1 | 1 | 0 | < |
| 1.5 | 3 | N | 1 | 2 | N | 3 | 1 | 1 | 1 | < |
| 1.5 | 3 | N | 0 | 1 | N | 4 | 1 | 2 | 2 | |
| 1.5 | 3 | N | 0 | 1 | N | 3 | 1 | 1 | 1 | < |
| 1.5 | 3 | N | 1 | 2 | N | 3 | 1 | 1 | 1 | < |
| | | | | | | | | | | |
| 1.5 | 4 | N | 0 | 1 | N | 2 | 1 | 1 | 0 | < |

| Fecal Coliform REMARKS./1 | Less than (<) | Entero-coccus REMARKS./1 | Clostridium perfringens REMARKS./1 |
|---|---|---|---|
| 0.9 | | 10 | |
| 0.9 | | 4 | |
| 0.9 | | 3 | |
| 0.9 | | 6 | |
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| 0.9 | | 9 | |
| 5 | < | 0.9 | |
| 0.9 | | 8 | |
| 0.9 | | 8 | |
| 0.9 | | 6 | |
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| 6 | | 5 | |
| 0.9 | | 5 | |
| 3 | | 11 | |
| 5 | | 26 | |
| | | | |
| | | | |
| 4 | | 11 | |
| 5 | | 66 | |
| 0.9 | | 4 | |
| 0.9 | | 0.9 | |
| 0.9 | | 3 | |
| | | | |
| 4 | | 7 | |
| 0.9 | | 2 | |
| 0.9 | < | 0.9 | |
| 0.9 | < | 0.9 | |
| 0.9 | < | 0.9 | |
| | | | |
| 0.9 | < | 0.9 | |
| 0.9 | | 3 | |
| 0.9 | | 0.9 | |
| 0.9 | | 2 | |

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| 0.9 | < | 0.9 |
| | | |
| 0.9 | | 4 |
| 65 | | 2 |
| 0.9 | | 0.9 |
| 0.9 | | 3 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | | 11 |
| 11 | | 3 |
| 0.9 | < | 0.9 |
| 0.9 | | 3 |
| 0.9 | | 2 |
| | | |
| 0.9 | | 2 |
| 5 | | 5 |
| 2 | | 160 |
| 3 | | 2 |
| 0.9 | | 2 |
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| 3 | | 4 |
| 0.9 | < | 0.9 |
| 0.9 | | 2 |
| 0.9 | | 0.9 |
| 4 | | 4 |
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| 0.9 | < | 0.9 |
| 2 | | 3 |
| 2 | | 4 |
| 3 | | 3 |
| 1.5 | | 0.9 |
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| 0.9 | | 7 |
| 5 | | 33 |
| 5 | | 4 |
| 0.9 | | 0.9 |
| 0.9 | | 6 |
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| 0.9 | < | 0.9 |
| 0.9 | | 3.5 |
| 7 | < | 0.9 |
| 0.9 | | 0.9 |
| 0.9 | | 0.9 |

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| 0.9 | | 0.9 |
| 5 | | 0.9 |
| 3.5 | < | 0.9 |
| 0.9 | | 3 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | | 12 |
| 7 | < | 0.9 |
| 4 | | 6 |
| 1 | < | 0.9 |
| | | |
| 0.9 | | 0.9 |
| 0.9 | | 3 |
| 2 | | 5 |
| 0.9 | < | 0.9 |
| 0.9 | | 5 |
| | | |
| 0.9 | | 0.9 |
| 3 | | 4 |
| 7 | | 7 |
| 2 | | 2 |
| 0.9 | | 2 |
| | | |
| 2 | | 3 |
| 0.9 | < | 0.9 |
| 6 | | 2 |
| 0.9 | < | 0.9 |
| 2 | | 0.9 |
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| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | | 2 |
| | | |
| 0.9 | < | 0.9 |
| 3 | < | 0.9 |
| 3 | | 4 |
| 0.9 | | 5 |
| 0.9 | | 2 |
| | | |
| 5 | | 5 |
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|---|---|---|
| 2 | | 0.9 |
| 0.9 | | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 5 | | 13 |
| 2 | < | 0.9 |
| 0.9 | | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | | 2 |
| 0.9 | | 5 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
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| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
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| 0.9 | < | 0.9 |
| 0.9 | | 12 |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |
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| 0.9 | | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | | 7 |
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| 0.9 | | 3 |
| | | |
| 0.9 | | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | | 57 |
| 0.9 | < | 0.9 |
| 0.9 | | 2 |
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| 0.9 | | 0.9 |
| 2 | < | 0.9 |
| 0.9 | | 3 |
| 0.9 | < | 0.9 |

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| 0.9 | | 2 |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |
| | | |
| 0.9 | | 1 |
| 0.9 | < | 0.9 |
| 0.9 | | 22 |
| 0.9 | | 2 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 2 | | 0.9 |
| 0.9 | < | 0.9 |
| 2 | < | 0.9 |
| | | |
| 0.9 | | 4 |
| 0.9 | | 3 |
| 0.9 | | 0.9 |
| 2 | | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | | 0.9 |
| 0.9 | | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |
| 0.9 | < | 0.9 |
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| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
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| 250 | | 23 |
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| 1.5 | | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |

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| 0.9 < | 0.9 |
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| 0.9 < | 0.9 |
| 3 | 4 |
| 2 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
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| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 3 < | 0.9 |
| 0.9 | 2 |
| 0.9 < | 0.9 |
| | |
| 2 < | 0.9 |
| 0.9 | 0.9 |
| 3 | 5 |
| 0.9 | 2 |
| 0.9 | 1 |
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| 0.9 | 4 |
| 0.9 < | 0.9 |
| 0.9 | 5 |
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| 2.5 < | 0.9 |
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| 3 | 0.9 |

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| 0.9 | < | 0.9 |
| 2 | | 24 |
| 0.9 | < | 0.9 |
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| 0.9 | < | 0.9 |
| 0.9 | | 3 |
| 0.9 | | 10 |
| 0.9 | | 3 |
| 0.9 | | 8 |
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| 0.9 | | 0.9 |
| 0.9 | | 16 |
| 6 | | 8 |
| 0.9 | | 2 |
| 2 | < | 0.9 |
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| 2 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
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| 0.9 | < | 0.9 |
| 2 | | 2 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | | 4 |
| 21 | | 11 |
| 16 | < | 0.9 |
| 0.9 | < | 0.9 |
| 2 | | 3 |
| | | |
| 0.9 | | 0.9 |
| 0.9 | | 3 |
| 0 | | 11 |
| 0.9 | | 0 |
| 0 | | 2 |
| | | |
| 0.9 | | 4 |
| 0.9 | | 3 |
| 0.9 | | 3 |
| 2 | | 4 |

| | | |
|---|---|---|
| 0.9 | | 6 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |
| 15 | | 5 |
| 2 | | 0.9 |
| 0.9 | | 2 |
| | | |
| 0.9 | | 1 |
| 1.5 | | 2.5 |
| 2 | | 2 |
| 0.9 | | 2 |
| 2 | | 0.9 |
| | | |
| 2 | | 3 |
| 0.9 | | 1.5 |
| 0.9 | < | 0.9 |
| 2 | | 4 |
| 3 | | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | | 3 |
| 4 | | 33 |
| 0.9 | | 9 |
| 4 | | 15 |
| | | |
| 0.9 | | 140 |
| 0.9 | < | 0.9 |
| 0.9 | | 4 |
| 0.9 | < | 0.9 |
| 2 | | 7 |
| | | |
| 0.9 | | 1 |
| 3 | | 0.9 |
| 2.5 | | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | | 4 |
| 1 | | 7 |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |

| | | |
|---|---|---|
| 0.9 | | 6 |
| 0.9 | | 2 |
| 0.9 | | 0.9 |
| 5 | | 6 |
| 4 | | 5 |
| | | |
| 0.9 | | 1 |
| 2 | | 4 |
| 13 | | 9 |
| 0.9 | | 3 |
| 9 | < | 0.9 |
| | | |
| 0.9 | | 14 |
| 0.9 | < | 0.9 |
| 2 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |
| | | |
| 0.9 | < | 0.9 |

Remarks

00ml)
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FISHERMEN AT SAMPLE SITE
NO REMARKS REMARKS
SWIMMERS AT SAMPLE SITE
NO REMARKS REMARKS

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FISHERMEN AT SAMPLE SITE
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FISHERMEN AT SAMPLE SITE
FISHERMEN AT SAMPLE SITE
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UNABLE TO SAMPLE DUE TO CLOSED BEACH

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FISHERMEN AT SAMPLE SITE
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FISHERMEN AT SAMPLE SITE
SWIMMERS AT SAMPLE SITE

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HEAVY RAIN PRIOR TO SAMPLING, RAIN WATER RUNO REMARKSFF

HEAVY RAIN PRIOR TO SAMPLING, RAIN WATER RUNO REMARKSFF
FISHERMEN NEAR SAMPLE SITE
CAMPERS NEAR SAMPLE SITE
NO REMARKS REMARKS
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NO REMARKS REMARKS
FISHERMEN NEAR SAMPLE SITE
NO REMARKS REMARKS
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FISHERMEN AT SAMPLE SITE
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FISHERMEN AT/NEAR SAMPLE SITE
NO REMARKS
SWIMMERS AT/NEAR SAMPLE SITE
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PEOPLE CAMPING NEAR SAMPLE SITE
NO REMARKS
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NO REMARKS
FISHERMEN AT SAMPLE SITE
FISHERMEN AT SAMPLE SITE
SWIMMERS AT SAMPLE SITE
MONK SEAL NEAR SAMPLE SITE

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FISHERMEN AT SAMPLE SITE

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FISHERMEN AT SAMPLE SITE
SWIMMERS & SURFERS AT SAMPLE SITE
SWIMMERS & SURFERS AT SAMPLE SITE
MONK SEAL AT SAMPLE SITE

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FISHERMEN AT SAMPLE SITE
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WATER AT SAMPLE SITE IS MILKY-WHITE COLOR
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SWIMMERS AT SAMPLE SITE
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EBRIS AT SAMPLING SITE

RESULTS OF BACTERIAL ANALYSES AND FIELD OBSERVATIONS
J:/_MC\M&C/WWTPlants/wwtpmicro & Oceanlogs/2011microbiology.xls
HOULIULI OCEAN OUTFALL - NEARSHORE STATIONS
01-Jun-15

| DATE | Station | Time | Depth (m) | CTD on (hhmm) | CTD off (hhmm) | Light ext. coeff. | Secchi depth (feet) | Cloud cover (%) |
|---|---|---|---|---|---|---|---|---|
| 1/4/2011 | HN1 | 737 | 0 | | | | | 70 |
| 1/4/2011 | HN1 | ---- | 5 | | | | | |
| 1/4/2011 | HN1 | 737 | 11 | | | | | |
| 1/4/2011 | HN2 | 745 | 0 | | | | | 70 |
| 1/4/2011 | HN2 | ---- | 5 | | | | | |
| 1/4/2011 | HN2 | 746 | 11 | | | | | |
| 1/4/2011 | HN3 | 751 | 0 | | | | | 70 |
| 1/4/2011 | HN3 | ---- | 5 | | | | | |
| 1/4/2011 | HN3 | 752 | 11 | | | | | |
| 1/4/2011 | HN4 | 759 | 0 | | | | | 70 |
| 1/4/2011 | HN4 | ---- | 5 | | | | | |
| 1/4/2011 | HN4 | 800 | 11 | | | | | |
| 1/10/2011 | HN1 | | 0 | | | | | |
| 1/10/2011 | HN1 | | 5 | | | | | |
| 1/10/2011 | HN1 | | 11 | | | | | |
| 1/10/2011 | HN2 | | 0 | | | | Monitoring scl | |
| 1/10/2011 | HN2 | | 5 | | | | Small Craft A | |
| 1/10/2011 | HN2 | | 11 | | | | South west wi | |
| 1/10/2011 | HN3 | | 0 | | | | | |
| 1/10/2011 | HN3 | | 5 | | | | | |
| 1/10/2011 | HN3 | | 11 | | | | | |
| 1/10/2011 | HN4 | | 0 | | | | | |
| 1/10/2011 | HN4 | | 5 | | | | | |
| 1/10/2011 | HN4 | | 11 | | | | | |
| 1/16/2011 | HN1 | 906 | 0 | | | | | 25 |
| 1/16/2011 | HN1 | ---- | 5 | | | | | |
| 1/16/2011 | HN1 | 906 | 11 | | | | | |
| 1/16/2011 | HN2 | 900 | 0 | | | | | 25 |
| 1/16/2011 | HN2 | ---- | 5 | | | | | |
| 1/16/2011 | HN2 | 900 | 11 | | | | | |

| | | | | |
|---|---|---|---|---|
| 1/16/2011 | HN3 | 853 | 0 | 25 |
| 1/16/2011 | HN3 | ---- | 5 | |
| 1/16/2011 | HN3 | 853 | 11 | |
| 1/16/2011 | HN4 | 845 | 0 | 25 |
| 1/16/2011 | HN4 | ---- | 5 | |
| 1/16/2011 | HN4 | 845 | 11 | |
| 1/22/2011 | HN1 | 708 | 0 | 20 |
| 1/22/2011 | HN1 | ---- | 5 | |
| 1/22/2011 | HN1 | 708 | 11 | |
| 1/22/2011 | HN2 | 716 | 0 | 20 |
| 1/22/2011 | HN2 | ---- | 5 | |
| 1/22/2011 | HN2 | 716 | 11 | |
| 1/22/2011 | HN3 | 723 | 0 | 20 |
| 1/22/2011 | HN3 | ---- | 5 | |
| 1/22/2011 | HN3 | 723 | 11 | |
| 1/22/2011 | HN4 | 729 | 0 | 20 |
| 1/22/2011 | HN4 | ---- | 5 | |
| 1/22/2011 | HN4 | 729 | 11 | |
| 1/28/2011 | HN1 | 705 | 0 | 55 |
| 1/28/2011 | HN1 | ---- | 5 | |
| 1/28/2011 | HN1 | 705 | 11 | |
| 1/28/2011 | HN2 | 711 | 0 | 55 |
| 1/28/2011 | HN2 | ---- | 5 | |
| 1/28/2011 | HN2 | 711 | 11 | |
| 1/28/2011 | HN3 | 716 | 0 | 55 |
| 1/28/2011 | HN3 | ---- | 5 | |
| 1/28/2011 | HN3 | 716 | 11 | |
| 1/28/2011 | HN4 | 722 | 0 | 55 |
| 1/28/2011 | HN4 | ---- | 5 | |
| 1/28/2011 | HN4 | 722 | 11 | |
| 2/3/2011 | HN1 | 956 | 0 | 75 |
| 2/3/2011 | HN1 | 956 | 5 | |
| 2/3/2011 | HN1 | 956 | 11 | |
| 2/3/2011 | HN2 | 946 | 0 | 75 |
| 2/3/2011 | HN2 | 946 | 5 | |
| 2/3/2011 | HN2 | 946 | 11 | |
| 2/3/2011 | HN3 | 937 | 0 | 75 |
| 2/3/2011 | HN3 | 937 | 5 | |
| 2/3/2011 | HN3 | 937 | 11 | |
| 2/3/2011 | HN4 | 927 | 0 | 75 |

| | | | | |
|---|---|---|---|---|
| 2/3/2011 | HN4 | 928 | 5 | |
| 2/3/2011 | HN4 | 928 | 11 | |
| 2/9/2011 | HN1 | 747 | 0 | 45 |
| 2/9/2011 | HN1 | ---- | 5 | |
| 2/9/2011 | HN1 | 748 | 11 | |
| 2/9/2011 | HN2 | 753 | 0 | 45 |
| 2/9/2011 | HN2 | ---- | 5 | |
| 2/9/2011 | HN2 | 753 | 11 | |
| 2/9/2011 | HN3 | 757 | 0 | 45 |
| 2/9/2011 | HN3 | ---- | 5 | |
| 2/9/2011 | HN3 | 758 | 11 | |
| 2/9/2011 | HN4 | 803 | 0 | 45 |
| 2/9/2011 | HN4 | ---- | 5 | |
| 2/9/2011 | HN4 | 803 | 11 | |
| 2/15/2011 | HN1 | 754 | 0 | 80 |
| 2/15/2011 | HN1 | ---- | 5 | |
| 2/15/2011 | HN1 | 754 | 11 | |
| 2/15/2011 | HN2 | 759 | 0 | 80 |
| 2/15/2011 | HN2 | ---- | 5 | |
| 2/15/2011 | HN2 | 759 | 11 | |
| 2/15/2011 | HN3 | 804 | 0 | 80 |
| 2/15/2011 | HN3 | ---- | 5 | |
| 2/15/2011 | HN3 | 804 | 11 | |
| 2/15/2011 | HN4 | 808 | 0 | 80 |
| 2/15/2011 | HN4 | ---- | 5 | |
| 2/15/2011 | HN4 | 808 | 11 | |
| 2/21/2011 | HN1 | 653 | 0 | 80 |
| 2/21/2011 | HN1 | ---- | 5 | |
| 2/21/2011 | HN1 | 653 | 11 | |
| 2/21/2011 | HN2 | 700 | 0 | 80 |
| 2/21/2011 | HN2 | ---- | 5 | |
| 2/21/2011 | HN2 | 700 | 11 | |
| 2/21/2011 | HN3 | 706 | 0 | 80 |
| 2/21/2011 | HN3 | ---- | 5 | |
| 2/21/2011 | HN3 | 706 | 11 | |
| 2/21/2011 | HN4 | 713 | 0 | 80 |
| 2/21/2011 | HN4 | ---- | 5 | |
| 2/21/2011 | HN4 | 713 | 11 | |
| 2/27/2011 | HN1 | 656 | 0 | 8 |
| 2/27/2011 | HN1 | ---- | 5 | |
| 2/27/2011 | HN1 | 656 | 11 | |
| 2/27/2011 | HN2 | 703 | 0 | 8 |
| 2/27/2011 | HN2 | ---- | 5 | |
| 2/27/2011 | HN2 | 703 | 11 | |

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|---|---|---|---|---|
| 2/27/2011 | HN3 | 709 | 0 | 8 |
| 2/27/2011 | HN3 | ---- | 5 | |
| 2/27/2011 | HN3 | 709 | 11 | |
| 2/27/2011 | HN4 | 715 | 0 | 8 |
| 2/27/2011 | HN4 | ---- | 5 | |
| 2/27/2011 | HN4 | 715 | 11 | |
| 3/5/2011 | HN1 | 706 | 0 | 98 |
| 3/5/2011 | HN1 | --- | 5 | |
| 3/5/2011 | HN1 | 706 | 11 | |
| 3/5/2011 | HN2 | 713 | 0 | 98 |
| 3/5/2011 | HN2 | --- | 5 | |
| 3/5/2011 | HN2 | 713 | 11 | |
| 3/5/2011 | HN3 | 719 | 0 | 98 |
| 3/5/2011 | HN3 | --- | 5 | |
| 3/5/2011 | HN3 | 719 | 11 | |
| 3/5/2011 | HN4 | 725 | 0 | 98 |
| 3/5/2011 | HN4 | --- | 5 | |
| 3/5/2011 | HN4 | 725 | 11 | |
| 3/17/2011 | HN1 | 735 | 0 | 80 |
| 3/17/2011 | HN1 | --- | 5 | |
| 3/17/2011 | HN1 | 735 | 11 | |
| 3/17/2011 | HN2 | 741 | 0 | 80 |
| 3/17/2011 | HN2 | --- | 5 | |
| 3/17/2011 | HN2 | 741 | 11 | |
| 3/17/2011 | HN3 | 747 | 0 | 80 |
| 3/17/2011 | HN3 | --- | 5 | |
| 3/17/2011 | HN3 | 747 | 11 | |
| 3/17/2011 | HN4 | 753 | 0 | 80 |
| 3/17/2011 | HN4 | --- | 5 | |
| 3/17/2011 | HN4 | 753 | 11 | |
| 3/23/2011 | HN1 | 700 | 0 | 35 |
| 3/23/2011 | HN1 | --- | 5 | |
| 3/23/2011 | HN1 | 700 | 11 | |
| 3/23/2011 | HN2 | 707 | 0 | 35 |
| 3/23/2011 | HN2 | --- | 5 | |
| 3/23/2011 | HN2 | 707 | 11 | |
| 3/23/2011 | HN3 | 712 | 0 | 35 |
| 3/23/2011 | HN3 | --- | 5 | |
| 3/23/2011 | HN3 | 712 | 11 | |
| 3/23/2011 | HN4 | 717 | 0 | 35 |
| 3/23/2011 | HN4 | --- | 5 | |
| 3/23/2011 | HN4 | 718 | 11 | |
| 3/29/2011 | HN1 | 724 | 0 | 30 |
| 3/29/2011 | HN1 | --- | 5 | |

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|---|---|---|---|---|
| 3/29/2011 | HN1 | 724 | 11 | |
| 3/29/2011 | HN2 | 730 | 0 | 30 |
| 3/29/2011 | HN2 | --- | 5 | |
| 3/29/2011 | HN2 | 730 | 11 | |
| 3/29/2011 | HN3 | 736 | 0 | 30 |
| 3/29/2011 | HN3 | --- | 5 | |
| 3/29/2011 | HN3 | 736 | 11 | |
| 3/29/2011 | HN4 | 742 | 0 | 30 |
| 3/29/2011 | HN4 | --- | 5 | |
| 3/29/2011 | HN4 | 742 | 11 | |
| 4/4/2011 | HN1 | 703 | 0 | 55 |
| 4/4/2011 | HN1 | --- | 5 | |
| 4/4/2011 | HN1 | 704 | 11 | |
| 4/4/2011 | HN2 | 710 | 0 | 55 |
| 4/4/2011 | HN2 | --- | 5 | |
| 4/4/2011 | HN2 | 710 | 11 | |
| 4/4/2011 | HN3 | 715 | 0 | 55 |
| 4/4/2011 | HN3 | --- | 5 | |
| 4/4/2011 | HN3 | 715 | 11 | |
| 4/4/2011 | HN4 | 720 | 0 | 55 |
| 4/4/2011 | HN4 | --- | 5 | |
| 4/4/2011 | HN4 | 720 | 11 | |
| 4/10/2011 | HN1 | 651 | 0 | 95 |
| 4/10/2011 | HN1 | --- | 5 | |
| 4/10/2011 | HN1 | 651 | 11 | |
| 4/10/2011 | HN2 | 657 | 0 | 95 |
| 4/10/2011 | HN2 | --- | 5 | |
| 4/10/2011 | HN2 | 657 | 11 | |
| 4/10/2011 | HN3 | 703 | 0 | 95 |
| 4/10/2011 | HN3 | --- | 5 | |
| 4/10/2011 | HN3 | 703 | 11 | |
| 4/10/2011 | HN4 | 712 | 0 | 95 |
| 4/10/2011 | HN4 | --- | 5 | |
| 4/10/2011 | HN4 | 712 | 11 | |
| 4/16/2011 | HN1 | 637 | 0 | 45 |
| 4/16/2011 | HN1 | --- | 5 | |
| 4/16/2011 | HN1 | 637 | 11 | |
| 4/16/2011 | HN2 | 644 | 0 | 45 |
| 4/16/2011 | HN2 | --- | 5 | |
| 4/16/2011 | HN2 | 644 | 11 | |
| 4/16/2011 | HN3 | 649 | 0 | 45 |
| 4/16/2011 | HN3 | --- | 5 | |
| 4/16/2011 | HN3 | 649 | 11 | |
| 4/16/2011 | HN4 | 656 | 0 | 45 |

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|---|---|---|---|---|
| 4/16/2011 | HN4 | --- | 5 | |
| 4/16/2011 | HN4 | 656 | 11 | |
| 4/22/2011 | HN1 | 641 | 0 | 21 |
| 4/22/2011 | HN1 | --- | 5 | |
| 4/22/2011 | HN1 | 642 | 11 | |
| 4/22/2011 | HN2 | 648 | 0 | 21 |
| 4/22/2011 | HN2 | --- | 5 | |
| 4/22/2011 | HN2 | 648 | 11 | |
| 4/22/2011 | HN3 | 653 | 0 | 21 |
| 4/22/2011 | HN3 | --- | 5 | |
| 4/22/2011 | HN3 | 653 | 11 | |
| 4/22/2011 | HN4 | 700 | 0 | 21 |
| 4/22/2011 | HN4 | --- | 5 | |
| 4/22/2011 | HN4 | 700 | 11 | |
| 4/28/2011 | HN1 | 653 | 0 | 50 |
| 4/28/2011 | HN1 | --- | 5 | |
| 4/28/2011 | HN1 | 653 | 11 | |
| 4/28/2011 | HN2 | 701 | 0 | 50 |
| 4/28/2011 | HN2 | --- | 5 | |
| 4/28/2011 | HN2 | 701 | 11 | |
| 4/28/2011 | HN3 | 707 | 0 | 50 |
| 4/28/2011 | HN3 | --- | 5 | |
| 4/28/2011 | HN3 | 707 | 11 | |
| 4/28/2011 | HN4 | 716 | 0 | 50 |
| 4/28/2011 | HN4 | --- | 5 | |
| 4/28/2011 | HN4 | 716 | 11 | |
| 5/4/2011 | HN1 | 653 | 0 | 60 |
| 5/4/2011 | HN1 | --- | 5 | |
| 5/4/2011 | HN1 | 653 | 11 | |
| 5/4/2011 | HN2 | 700 | 0 | 60 |
| 5/4/2011 | HN2 | --- | 5 | |
| 5/4/2011 | HN2 | 700 | 11 | |
| 5/4/2011 | HN3 | 706 | 0 | 60 |
| 5/4/2011 | HN3 | --- | 5 | |
| 5/4/2011 | HN3 | 706 | 11 | |
| 5/4/2011 | HN4 | 711 | 0 | 60 |
| 5/4/2011 | HN4 | --- | 5 | |
| 5/4/2011 | HN4 | 711 | 11 | |
| 5/10/2011 | HN1 | 911 | 0 | 95 |
| 5/10/2011 | HN1 | 911 | 5 | |
| 5/10/2011 | HN1 | 911 | 11 | |
| 5/10/2011 | HN2 | 904 | 0 | 95 |
| 5/10/2011 | HN2 | 904 | 5 | |
| 5/10/2011 | HN2 | 904 | 11 | |

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|---|---|---|---|---|
| 5/10/2011 | HN3 | 857 | 0 | 95 |
| 5/10/2011 | HN3 | 857 | 5 | |
| 5/10/2011 | HN3 | 857 | 11 | |
| 5/10/2011 | HN4 | 847 | 0 | 95 |
| 5/10/2011 | HN4 | 847 | 5 | |
| 5/10/2011 | HN4 | 847 | 11 | |
| 5/16/2011 | HN1 | 636 | 0 | 40 |
| 5/16/2011 | HN1 | --- | 5 | |
| 5/16/2011 | HN1 | 636 | 11 | |
| 5/16/2011 | HN2 | 644 | 0 | 40 |
| 5/16/2011 | HN2 | --- | 5 | |
| 5/16/2011 | HN2 | 644 | 11 | |
| 5/16/2011 | HN3 | 649 | 0 | 40 |
| 5/16/2011 | HN3 | --- | 5 | |
| 5/16/2011 | HN3 | 649 | 11 | |
| 5/16/2011 | HN4 | 654 | 0 | 40 |
| 5/16/2011 | HN4 | --- | 5 | |
| 5/16/2011 | HN4 | 654 | 11 | |
| 5/22/2011 | HN1 | 639 | 0 | 35 |
| 5/22/2011 | HN1 | --- | 5 | |
| 5/22/2011 | HN1 | 639 | 11 | |
| 5/22/2011 | HN2 | 646 | 0 | 35 |
| 5/22/2011 | HN2 | --- | 5 | |
| 5/22/2011 | HN2 | 646 | 11 | |
| 5/22/2011 | HN3 | 651 | 0 | 35 |
| 5/22/2011 | HN3 | --- | 5 | |
| 5/22/2011 | HN3 | 651 | 11 | |
| 5/22/2011 | HN4 | 658 | 0 | 35 |
| 5/22/2011 | HN4 | --- | 5 | |
| 5/22/2011 | HN4 | 658 | 11 | |
| 5/28/2011 | HN1 | 643 | 0 | 20 |
| 5/28/2011 | HN1 | --- | 5 | |
| 5/28/2011 | HN1 | 643 | 11 | |
| 5/28/2011 | HN2 | 649 | 0 | 20 |
| 5/28/2011 | HN2 | --- | 5 | |
| 5/28/2011 | HN2 | 649 | 11 | |
| 5/28/2011 | HN3 | 654 | 0 | 20 |
| 5/28/2011 | HN3 | --- | 5 | |
| 5/28/2011 | HN3 | 654 | 11 | |
| 5/28/2011 | HN4 | 701 | 0 | 20 |
| 5/28/2011 | HN4 | --- | 5 | |
| 5/28/2011 | HN4 | 701 | 11 | |
| 6/9/2011 | HN1 | 631 | 0 | 45 |
| 6/9/2011 | HN1 | --- | 5 | |

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|---|---|---|---|---|
| 6/9/2011 | HN1 | 632 | 11 | |
| 6/9/2011 | HN2 | 639 | 0 | 45 |
| 6/9/2011 | HN2 | --- | 5 | |
| 6/9/2011 | HN2 | 639 | 11 | |
| 6/9/2011 | HN3 | 647 | 0 | 45 |
| 6/9/2011 | HN3 | --- | 5 | |
| 6/9/2011 | HN3 | 647 | 11 | |
| 6/9/2011 | HN4 | 654 | 0 | 45 |
| 6/9/2011 | HN4 | --- | 5 | |
| 6/9/2011 | HN4 | 654 | 11 | |
| 6/15/2011 | HN1 | 711 | 0 | 30 |
| 6/15/2011 | HN1 | --- | 5 | |
| 6/15/2011 | HN1 | 711 | 11 | |
| 6/15/2011 | HN2 | 703 | 0 | 30 |
| 6/15/2011 | HN2 | --- | 5 | |
| 6/15/2011 | HN2 | 703 | 11 | |
| 6/15/2011 | HN3 | 654 | 0 | 30 |
| 6/15/2011 | HN3 | --- | 5 | |
| 6/15/2011 | HN3 | 656 | 11 | |
| 6/15/2011 | HN4 | 645 | 0 | 30 |
| 6/15/2011 | HN4 | --- | 5 | |
| 6/15/2011 | HN4 | 645 | 11 | |
| 6/21/2011 | HN1 | 639 | 0 | 60 |
| 6/21/2011 | HN1 | --- | 5 | |
| 6/21/2011 | HN1 | 639 | 11 | |
| 6/21/2011 | HN2 | 644 | 0 | 60 |
| 6/21/2011 | HN2 | --- | 5 | |
| 6/21/2011 | HN2 | 644 | 11 | |
| 6/21/2011 | HN3 | 649 | 0 | 60 |
| 6/21/2011 | HN3 | --- | 5 | |
| 6/21/2011 | HN3 | 649 | 11 | |
| 6/21/2011 | HN4 | 654 | 0 | 60 |
| 6/21/2011 | HN4 | --- | 5 | |
| 6/21/2011 | HN4 | 654 | 11 | |
| 6/27/2011 | HN1 | 634 | 0 | 60 |
| 6/27/2011 | HN1 | --- | 5 | |
| 6/27/2011 | HN1 | 635 | 11 | |
| 6/27/2011 | HN2 | 641 | 0 | 60 |
| 6/27/2011 | HN2 | --- | 5 | |
| 6/27/2011 | HN2 | 641 | 11 | |
| 6/27/2011 | HN3 | 649 | 0 | 60 |
| 6/27/2011 | HN3 | --- | 5 | |
| 6/27/2011 | HN3 | 649 | 11 | |
| 6/27/2011 | HN4 | 655 | 0 | 60 |

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|---|---|---|---|---|
| 6/27/2011 | HN4 | --- | 5 | |
| 6/27/2011 | HN4 | 655 | 11 | |
| 7/3/2011 | HN1 | 643 | 0 | 15 |
| 7/3/2011 | HN1 | --- | 5 | |
| 7/3/2011 | HN1 | 643 | 11 | |
| 7/3/2011 | HN2 | 649 | 0 | 15 |
| 7/3/2011 | HN2 | --- | 5 | |
| 7/3/2011 | HN2 | 649 | 11 | |
| 7/3/2011 | HN3 | 655 | 0 | 15 |
| 7/3/2011 | HN3 | --- | 5 | |
| 7/3/2011 | HN3 | 655 | 11 | |
| 7/3/2011 | HN4 | 703 | 0 | 15 |
| 7/3/2011 | HN4 | --- | 5 | |
| 7/3/2011 | HN4 | 703 | 11 | |
| 7/9/2011 | HN1 | 626 | 0 | 70 |
| 7/9/2011 | HN1 | --- | 5 | |
| 7/9/2011 | HN1 | 627 | 11 | |
| 7/9/2011 | HN2 | 633 | 0 | 70 |
| 7/9/2011 | HN2 | --- | 5 | |
| 7/9/2011 | HN2 | 633 | 11 | |
| 7/9/2011 | HN3 | 638 | 0 | 70 |
| 7/9/2011 | HN3 | --- | 5 | |
| 7/9/2011 | HN3 | 638 | 11 | |
| 7/9/2011 | HN4 | 644 | 0 | 70 |
| 7/9/2011 | HN4 | --- | 5 | |
| 7/9/2011 | HN4 | 644 | 11 | |
| 7/15/2011 | HN1 | 648 | 0 | 20 |
| 7/15/2011 | HN1 | --- | 5 | |
| 7/15/2011 | HN1 | 649 | 11 | |
| 7/15/2011 | HN2 | 654 | 0 | 20 |
| 7/15/2011 | HN2 | --- | 5 | |
| 7/15/2011 | HN2 | 654 | 11 | |
| 7/15/2011 | HN3 | 659 | 0 | 20 |
| 7/15/2011 | HN3 | --- | 5 | |
| 7/15/2011 | HN3 | 659 | 11 | |
| 7/15/2011 | HN4 | 703 | 0 | 20 |
| 7/15/2011 | HN4 | --- | 5 | |
| 7/15/2011 | HN4 | 703 | 11 | |
| 7/21/2011 | HN1 | 849 | 0 | 45 |
| 7/21/2011 | HN1 | --- | 5 | |
| 7/21/2011 | HN1 | 849 | 11 | |
| 7/21/2011 | HN2 | 840 | 0 | 45 |
| 7/21/2011 | HN2 | --- | 5 | |
| 7/21/2011 | HN2 | 840 | 11 | |

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|---|---|---|---|---|
| 7/21/2011 | HN3 | 830 | 0 | 45 |
| 7/21/2011 | HN3 | --- | 5 | |
| 7/21/2011 | HN3 | 831 | 11 | |
| 7/21/2011 | HN4 | 821 | 0 | 45 |
| 7/21/2011 | HN4 | --- | 5 | |
| 7/21/2011 | HN4 | 822 | 11 | |
| 7/27/2011 | HN1 | 649 | 0 | 30 |
| 7/27/2011 | HN1 | --- | 5 | |
| 7/27/2011 | HN1 | 649 | 11 | |
| 7/27/2011 | HN2 | 658 | 0 | 30 |
| 7/27/2011 | HN2 | --- | 5 | |
| 7/27/2011 | HN2 | 658 | 11 | |
| 7/27/2011 | HN3 | 704 | 0 | 30 |
| 7/27/2011 | HN3 | --- | 5 | |
| 7/27/2011 | HN3 | 704 | 11 | |
| 7/27/2011 | HN4 | 709 | 0 | 30 |
| 7/27/2011 | HN4 | --- | 5 | |
| 7/27/2011 | HN4 | 709 | 11 | |
| 8/2/2011 | HN1 | 629 | 0 | 48 |
| 8/2/2011 | HN1 | --- | 5 | |
| 8/2/2011 | HN1 | 629 | 11 | |
| 8/2/2011 | HN2 | 638 | 0 | 48 |
| 8/2/2011 | HN2 | --- | 5 | |
| 8/2/2011 | HN2 | 638 | 11 | |
| 8/2/2011 | HN3 | 644 | 0 | 48 |
| 8/2/2011 | HN3 | --- | 5 | |
| 8/2/2011 | HN3 | 645 | 11 | |
| 8/2/2011 | HN4 | 650 | 0 | 48 |
| 8/2/2011 | HN4 | --- | 5 | |
| 8/2/2011 | HN4 | 651 | 11 | |
| 8/8/2011 | HN1 | 645 | 0 | 20 |
| 8/8/2011 | HN1 | --- | 5 | |
| 8/8/2011 | HN1 | 646 | 11 | |
| 8/8/2011 | HN2 | 656 | 0 | 20 |
| 8/8/2011 | HN2 | --- | 5 | |
| 8/8/2011 | HN2 | 657 | 11 | |
| 8/8/2011 | HN3 | 705 | 0 | 20 |
| 8/8/2011 | HN3 | --- | 5 | |
| 8/8/2011 | HN3 | 705 | 11 | |
| 8/8/2011 | HN4 | 718 | 0 | 20 |
| 8/8/2011 | HN4 | --- | 5 | |
| 8/8/2011 | HN4 | 718 | 11 | |
| 8/14/2011 | HN1 | 639 | 0 | 40 |
| 8/14/2011 | HN1 | --- | 5 | |

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|---|---|---|---|---|
| 8/14/2011 | HN1 | 639 | 11 | |
| 8/14/2011 | HN2 | 644 | 0 | 40 |
| 8/14/2011 | HN2 | --- | 5 | |
| 8/14/2011 | HN2 | 644 | 11 | |
| 8/14/2011 | HN3 | 650 | 0 | 40 |
| 8/14/2011 | HN3 | --- | 5 | |
| 8/14/2011 | HN3 | 650 | 11 | |
| 8/14/2011 | HN4 | 656 | 0 | 40 |
| 8/14/2011 | HN4 | --- | 5 | |
| 8/14/2011 | HN4 | 656 | 11 | |
| 8/20/2011 | HN1 | 630 | 0 | 30 |
| 8/20/2011 | HN1 | --- | 5 | |
| 8/20/2011 | HN1 | 630 | 11 | |
| 8/20/2011 | HN2 | 637 | 0 | 30 |
| 8/20/2011 | HN2 | --- | 5 | |
| 8/20/2011 | HN2 | 637 | 11 | |
| 8/20/2011 | HN3 | 645 | 0 | 30 |
| 8/20/2011 | HN3 | --- | 5 | |
| 8/20/2011 | HN3 | 645 | 11 | |
| 8/20/2011 | HN4 | 654 | 0 | 30 |
| 8/20/2011 | HN4 | --- | 5 | |
| 8/20/2011 | HN4 | 654 | 11 | |
| 8/26/2011 | HN1 | 706 | 0 | 60 |
| 8/26/2011 | HN1 | --- | 5 | |
| 8/26/2011 | HN1 | 707 | 11 | |
| 8/26/2011 | HN2 | 713 | 0 | 60 |
| 8/26/2011 | HN2 | --- | 5 | |
| 8/26/2011 | HN2 | 714 | 11 | |
| 8/26/2011 | HN3 | 719 | 0 | 60 |
| 8/26/2011 | HN3 | --- | 5 | |
| 8/26/2011 | HN3 | 720 | 11 | |
| 8/26/2011 | HN4 | 727 | 0 | 60 |
| 8/26/2011 | HN4 | --- | 5 | |
| 8/26/2011 | HN4 | 728 | 11 | |
| 9/1/2011 | HN1 | 655 | 0 | 70 |
| 9/1/2011 | HN1 | --- | 5 | |
| 9/1/2011 | HN1 | 655 | 11 | |
| 9/1/2011 | HN2 | 702 | 0 | 70 |
| 9/1/2011 | HN2 | --- | 5 | |
| 9/1/2011 | HN2 | 702 | 11 | |
| 9/1/2011 | HN3 | 708 | 0 | 70 |
| 9/1/2011 | HN3 | --- | 5 | |
| 9/1/2011 | HN3 | 708 | 11 | |
| 9/1/2011 | HN4 | 714 | 0 | 70 |

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|---|---|---|---|---|
| 9/1/2011 | HN4 | --- | 5 | |
| 9/1/2011 | HN4 | 714 | 11 | |
| 9/7/2011 | HN1 | 705 | 0 | 5 |
| 9/7/2011 | HN1 | --- | 5 | |
| 9/7/2011 | HN1 | 705 | 11 | |
| 9/7/2011 | HN2 | 713 | 0 | 5 |
| 9/7/2011 | HN2 | --- | 5 | |
| 9/7/2011 | HN2 | 713 | 11 | |
| 9/7/2011 | HN3 | 719 | 0 | 5 |
| 9/7/2011 | HN3 | --- | 5 | |
| 9/7/2011 | HN3 | 719 | 11 | |
| 9/7/2011 | HN4 | 726 | 0 | 5 |
| 9/7/2011 | HN4 | --- | 5 | |
| 9/7/2011 | HN4 | 726 | 11 | |
| 9/13/2011 | HN1 | 649 | 0 | 75 |
| 9/13/2011 | HN1 | --- | 5 | |
| 9/13/2011 | HN1 | 650 | 11 | |
| 9/13/2011 | HN2 | 700 | 0 | 75 |
| 9/13/2011 | HN2 | --- | 5 | |
| 9/13/2011 | HN2 | 700 | 11 | |
| 9/13/2011 | HN3 | 706 | 0 | 75 |
| 9/13/2011 | HN3 | --- | 5 | |
| 9/13/2011 | HN3 | 706 | 11 | |
| 9/13/2011 | HN4 | 711 | 0 | 75 |
| 9/13/2011 | HN4 | --- | 5 | |
| 9/13/2011 | HN4 | 711 | 11 | |
| 9/19/2011 | HN1 | 723 | 0 | 80 |
| 9/19/2011 | HN1 | --- | 5 | |
| 9/19/2011 | HN1 | 723 | 11 | |
| 9/19/2011 | HN2 | 731 | 0 | 80 |
| 9/19/2011 | HN2 | --- | 5 | |
| 9/19/2011 | HN2 | 731 | 11 | |
| 9/19/2011 | HN3 | 737 | 0 | 80 |
| 9/19/2011 | HN3 | --- | 5 | |
| 9/19/2011 | HN3 | 737 | 11 | |
| 9/19/2011 | HN4 | 743 | 0 | 80 |
| 9/19/2011 | HN4 | --- | 5 | |
| 9/19/2011 | HN4 | 743 | 11 | |
| 9/25/2011 | HN1 | 638 | 0 | 15 |
| 9/25/2011 | HN1 | --- | 5 | |
| 9/25/2011 | HN1 | 638 | 11 | |
| 9/25/2011 | HN2 | 644 | 0 | 15 |
| 9/25/2011 | HN2 | --- | 5 | |
| 9/25/2011 | HN2 | 644 | 11 | |

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|---|---|---|---|---|
| 9/25/2011 | HN3 | 649 | 0 | 15 |
| 9/25/2011 | HN3 | --- | 5 | |
| 9/25/2011 | HN3 | 649 | 11 | |
| 9/25/2011 | HN4 | 654 | 0 | 15 |
| 9/25/2011 | HN4 | --- | 5 | |
| 9/25/2011 | HN4 | 654 | 11 | |
| 10/1/2011 | HN1 | 636 | 0 | 55 |
| 10/1/2011 | HN1 | --- | 5 | |
| 10/1/2011 | HN1 | 637 | 11 | |
| 10/1/2011 | HN2 | 645 | 0 | 55 |
| 10/1/2011 | HN2 | --- | 5 | |
| 10/1/2011 | HN2 | 646 | 11 | |
| 10/1/2011 | HN3 | 651 | 0 | 55 |
| 10/1/2011 | HN3 | --- | 5 | |
| 10/1/2011 | HN3 | 652 | 11 | |
| 10/1/2011 | HN4 | 659 | 0 | 55 |
| 10/1/2011 | HN4 | --- | 5 | |
| 10/1/2011 | HN4 | 700 | 11 | |
| 10/7/2011 | HN1 | 709 | 0 | 85 |
| 10/7/2011 | HN1 | --- | 5 | |
| 10/7/2011 | HN1 | 709 | 11 | |
| 10/7/2011 | HN2 | 715 | 0 | 85 |
| 10/7/2011 | HN2 | --- | 5 | |
| 10/7/2011 | HN2 | 715 | 11 | |
| 10/7/2011 | HN3 | 722 | 0 | 85 |
| 10/7/2011 | HN3 | --- | 5 | |
| 10/7/2011 | HN3 | 722 | 11 | |
| 10/7/2011 | HN4 | 727 | 0 | 85 |
| 10/7/2011 | HN4 | --- | 5 | |
| 10/7/2011 | HN4 | 727 | 11 | |
| 10/13/2011 | HN1 | 908 | 0 | 45 |
| 10/13/2011 | HN1 | --- | 5 | |
| 10/13/2011 | HN1 | 908 | 11 | |
| 10/13/2011 | HN2 | 857 | 0 | 45 |
| 10/13/2011 | HN2 | --- | 5 | |
| 10/13/2011 | HN2 | 858 | 11 | |
| 10/13/2011 | HN3 | 848 | 0 | 45 |
| 10/13/2011 | HN3 | --- | 5 | |
| 10/13/2011 | HN3 | 848 | 11 | |
| 10/13/2011 | HN4 | 838 | 0 | 45 |
| 10/13/2011 | HN4 | --- | 5 | |
| 10/13/2011 | HN4 | 838 | 11 | |
| 10/19/2011 | HN1 | 707 | 0 | 80 |
| 10/19/2011 | HN1 | --- | 5 | |

| | | | | |
|---|---|---|---|---|
| 10/19/2011 | HN1 | 707 | 11 | |
| 10/19/2011 | HN2 | 714 | 0 | 80 |
| 10/19/2011 | HN2 | --- | 5 | |
| 10/19/2011 | HN2 | 715 | 11 | |
| 10/19/2011 | HN3 | 721 | 0 | 80 |
| 10/19/2011 | HN3 | --- | 5 | |
| 10/19/2011 | HN3 | 721 | 11 | |
| 10/19/2011 | HN4 | 726 | 0 | 80 |
| 10/19/2011 | HN4 | --- | 5 | |
| 10/19/2011 | HN4 | 727 | 11 | |
| 10/25/2011 | HN1 | 703 | 0 | 85 |
| 10/25/2011 | HN1 | --- | 5 | |
| 10/25/2011 | HN1 | 703 | 11 | |
| 10/25/2011 | HN2 | 709 | 0 | 85 |
| 10/25/2011 | HN2 | --- | 5 | |
| 10/25/2011 | HN2 | 709 | 11 | |
| 10/25/2011 | HN3 | 714 | 0 | 85 |
| 10/25/2011 | HN3 | --- | 5 | |
| 10/25/2011 | HN3 | 714 | 11 | |
| 10/25/2011 | HN4 | 720 | 0 | 85 |
| 10/25/2011 | HN4 | --- | 5 | |
| 10/25/2011 | HN4 | 720 | 11 | |
| 10/31/2011 | HN1 | 659 | 0 | 15 |
| 10/31/2011 | HN1 | --- | 5 | |
| 10/31/2011 | HN1 | 700 | 11 | |
| 10/31/2011 | HN2 | 706 | 0 | 15 |
| 10/31/2011 | HN2 | --- | 5 | |
| 10/31/2011 | HN2 | 706 | 11 | |
| 10/31/2011 | HN3 | 711 | 0 | 15 |
| 10/31/2011 | HN3 | --- | 5 | |
| 10/31/2011 | HN3 | 711 | 11 | |
| 10/31/2011 | HN4 | 716 | 0 | 15 |
| 10/31/2011 | HN4 | --- | 5 | |
| 10/31/2011 | HN4 | 716 | 11 | |
| 11/6/2011 | HN1 | 659 | 0 | 20 |
| 11/6/2011 | HN1 | --- | 5 | |
| 11/6/2011 | HN1 | 659 | 11 | |
| 11/6/2011 | HN2 | 706 | 0 | 20 |
| 11/6/2011 | HN2 | --- | 5 | |
| 11/6/2011 | HN2 | 706 | 11 | |
| 11/6/2011 | HN3 | 711 | 0 | 20 |
| 11/6/2011 | HN3 | --- | 5 | |
| 11/6/2011 | HN3 | 711 | 11 | |
| 11/6/2011 | HN4 | 717 | 0 | 20 |

| | | | | |
|---|---|---|---|---|
| 11/6/2011 | HN4 | --- | 5 | |
| 11/6/2011 | HN4 | 717 | 11 | |
| 11/12/2011 | HN1 | 707 | 0 | 40 |
| 11/12/2011 | HN1 | --- | 5 | |
| 11/12/2011 | HN1 | 707 | 11 | |
| 11/12/2011 | HN2 | 713 | 0 | 40 |
| 11/12/2011 | HN2 | --- | 5 | |
| 11/12/2011 | HN2 | 713 | 11 | |
| 11/12/2011 | HN3 | 718 | 0 | 40 |
| 11/12/2011 | HN3 | --- | 5 | |
| 11/12/2011 | HN3 | 718 | 11 | |
| 11/12/2011 | HN4 | 724 | 0 | 40 |
| 11/12/2011 | HN4 | --- | 5 | |
| 11/12/2011 | HN4 | 724 | 11 | |
| 11/18/2011 | HN1 | 658 | 0 | 70 |
| 11/18/2011 | HN1 | --- | 5 | |
| 11/18/2011 | HN1 | 658 | 11 | |
| 11/18/2011 | HN2 | 704 | 0 | 70 |
| 11/18/2011 | HN2 | --- | 5 | |
| 11/18/2011 | HN2 | 704 | 11 | |
| 11/18/2011 | HN3 | 710 | 0 | 70 |
| 11/18/2011 | HN3 | --- | 5 | |
| 11/18/2011 | HN3 | 710 | 11 | |
| 11/18/2011 | HN4 | 716 | 0 | 70 |
| 11/18/2011 | HN4 | --- | 5 | |
| 11/18/2011 | HN4 | 716 | 11 | |
| 11/24/2011 | HN1 | 738 | 0 | 10 |
| 11/24/2011 | HN1 | --- | 5 | |
| 11/24/2011 | HN1 | 738 | 11 | |
| 11/24/2011 | HN2 | 745 | 0 | 10 |
| 11/24/2011 | HN2 | --- | 5 | |
| 11/24/2011 | HN2 | 745 | 11 | |
| 11/24/2011 | HN3 | 750 | 0 | 10 |
| 11/24/2011 | HN3 | --- | 5 | |
| 11/24/2011 | HN3 | 750 | 11 | |
| 11/24/2011 | HN4 | 756 | 0 | 10 |
| 11/24/2011 | HN4 | --- | 5 | |
| 11/24/2011 | HN4 | 756 | 11 | |
| 11/30/2011 | HN1 | 730 | 0 | 60 |
| 11/30/2011 | HN1 | --- | 5 | |
| 11/30/2011 | HN1 | 730 | 11 | |
| 11/30/2011 | HN2 | 736 | 0 | 60 |
| 11/30/2011 | HN2 | --- | 5 | |
| 11/30/2011 | HN2 | 736 | 11 | |

| | | | | |
|---|---|---|---|---|
| 11/30/2011 | HN3 | 741 | 0 | 60 |
| 11/30/2011 | HN3 | --- | 5 | |
| 11/30/2011 | HN3 | 741 | 11 | |
| 11/30/2011 | HN4 | 746 | 0 | 60 |
| 11/30/2011 | HN4 | --- | 5 | |
| 11/30/2011 | HN4 | 746 | 11 | |
| 12/6/2011 | HN1 | 713 | 0 | 55 |
| 12/6/2011 | HN1 | --- | 5 | |
| 12/6/2011 | HN1 | 713 | 11 | |
| 12/6/2011 | HN2 | 719 | 0 | 55 |
| 12/6/2011 | HN2 | --- | 5 | |
| 12/6/2011 | HN2 | 719 | 11 | |
| 12/6/2011 | HN3 | 725 | 0 | 55 |
| 12/6/2011 | HN3 | --- | 5 | |
| 12/6/2011 | HN3 | 725 | 11 | |
| 12/6/2011 | HN4 | 730 | 0 | 55 |
| 12/6/2011 | HN4 | --- | 5 | |
| 12/6/2011 | HN4 | 730 | 11 | |
| 12/12/2011 | HN1 | 714 | 0 | 80 |
| 12/12/2011 | HN1 | --- | 5 | |
| 12/12/2011 | HN1 | 714 | 11 | |
| 12/12/2011 | HN2 | 721 | 0 | 80 |
| 12/12/2011 | HN2 | --- | 5 | |
| 12/12/2011 | HN2 | 721 | 11 | |
| 12/12/2011 | HN3 | 727 | 0 | 80 |
| 12/12/2011 | HN3 | --- | 5 | |
| 12/12/2011 | HN3 | 727 | 11 | |
| 12/12/2011 | HN4 | 733 | 0 | 80 |
| 12/12/2011 | HN4 | --- | 5 | |
| 12/12/2011 | HN4 | 733 | 11 | |
| 12/18/2011 | HN1 | 712 | 0 | 20 |
| 12/18/2011 | HN1 | --- | 5 | |
| 12/18/2011 | HN1 | 712 | 11 | |
| 12/18/2011 | HN2 | 719 | 0 | 20 |
| 12/18/2011 | HN2 | --- | 5 | |
| 12/18/2011 | HN2 | 719 | 11 | |
| 12/18/2011 | HN3 | 724 | 0 | 20 |
| 12/18/2011 | HN3 | --- | 5 | |
| 12/18/2011 | HN3 | 724 | 11 | |
| 12/18/2011 | HN4 | 729 | 0 | 20 |
| 12/18/2011 | HN4 | --- | 5 | |
| 12/18/2011 | HN4 | 729 | 11 | |
| 12/24/2011 | HN1 | 657 | 0 | 15 |
| 12/24/2011 | HN1 | --- | 5 | |

| | | | | |
|---|---|---|---|---|
| 12/24/2011 | HN1 | 657 | 11 | |
| 12/24/2011 | HN2 | 704 | 0 | 15 |
| 12/24/2011 | HN2 | --- | 5 | |
| 12/24/2011 | HN2 | 704 | 11 | |
| 12/24/2011 | HN3 | 709 | 0 | 15 |
| 12/24/2011 | HN3 | --- | 5 | |
| 12/24/2011 | HN3 | 709 | 11 | |
| 12/24/2011 | HN4 | 715 | 0 | 15 |
| 12/24/2011 | HN4 | --- | 5 | |
| 12/24/2011 | HN4 | 715 | 11 | |
| 12/30/2011 | HN1 | 738 | 0 | 85 |
| 12/30/2011 | HN1 | --- | 5 | |
| 12/30/2011 | HN1 | 738 | 11 | |
| 12/30/2011 | HN2 | 746 | 0 | 85 |
| 12/30/2011 | HN2 | --- | 5 | |
| 12/30/2011 | HN2 | 746 | 11 | |
| 12/30/2011 | HN3 | 754 | 0 | 85 |
| 12/30/2011 | HN3 | --- | 5 | |
| 12/30/2011 | HN3 | 754 | 11 | |
| 12/30/2011 | HN4 | 801 | 0 | 85 |
| 12/30/2011 | HN4 | --- | 5 | |
| 12/30/2011 | HN4 | 801 | 11 | |

| Tide hgt (ft) | Tide stage (0154) | Odor Floatable n/p | Wind low (m/h) | Wind high (m/h) | Wind dir (deg) | Water color (0394) | Wea-ther (0108) | Sea state (0109) | Wave hgt (0362) | Wave direction. (se) | Less than (<) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.2 | 1 | N | 4 | 5 | N | 2 | 1 | 1 | 1 | SE | |
| 1.1 | 1 | N | 5 | 6 | N | 2 | 1 | 1 | 1 | SE | |
| 1.1 | 1 | N | 3 | 4 | N | 3 | 1 | 1 | 1 | SE | |
| 1 | 1 | N | 5 | 7 | N | 3 | 1 | 1 | 1 | SE | < |

heduled for 1/10/11 was canceled due to adverse weather conditons
dvisory
inds 15 - 25 kts; Wind Waves 4 - 8 feet; Surf - rthwest Swell 8 feet.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.3 | 2 | N | 4 | 6 | N | 2 | 1 | 2 | 1 | SW | |
| 0.3 | 2 | N | 3 | 5 | N | 3 | 1 | 2 | 1 | SW | < |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.3 | 2 | N | 2 | 4 | N | 2 | 1 | 2 | 1 | SW | < |
| 0.3 | 1 | N | 3 | 5 | N | 3 | 1 | 2 | 2 | W | < |
| 1.8 | 1 | N | 5 | 7 | N | 3 | 1 | 2 | 1 | SE | < |
| 1.8 | 1 | N | 4 | 6 | N | 3 | 1 | 2 | 1 | SE | |
| 1.7 | 1 | N | 5 | 7 | N | 2 | 1 | 2 | 1 | SE | < |
| 1.7 | 1 | N | 5 | 7 | N | 2 | 1 | 2 | 1 | SE | < |
| 0.5 | 1 | N | 9 | 10 | NE | 2 | 1 | 2 | 1 | SE | < |
| 0.5 | 1 | N | 8 | 9 | NE | 2 | 1 | 2 | 1 | SE | |
| 0.5 | 1 | N | 8 | 9 | NE | 1 | 1 | 2 | 1 | SE | |
| 0.5 | 1 | N | 5 | 6 | NE | 2 | 1 | 2 | 1 | SE | <<< |
| 0.2 | 1 | N | 0 | 1 | NE | 1 | 1 | 2 | 1 | SE | <<< |
| 0.2 | 1 | N | 1 | 2 | NE | 1 | 1 | 2 | 1 | SE | <<< |
| 0.3 | 1 | N | 3 | 4 | NE | 1 | 1 | 2 | 1 | SE | <<< |
| 0.3 | 1 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | SE | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | N | 2 | 4 | N | 2 | 1 | 1 | 1 | SE | < |
| 0.9 | 1 | N | 3 | 4 | N | 2 | 1 | 1 | 1 | SE | < |
| 0.9 | 1 | N | 3 | 5 | N | 3 | 1 | 1 | 1 | SE | < |
| 0.9 | 1 | N | 3 | 5 | N | 3 | 1 | 1 | 1 | SE | < |
| 0.1 | 1 | N | 4 | 6 | N | 2 | 1 | 1 | 1 | S | < |
| 0.1 | 1 | N | 3 | 5 | N | 2 | 1 | 1 | 1 | S | << |
| 0.1 | 1 | N | 3 | 5 | N | 2 | 1 | 1 | 1 | S | << |
| 0 | 1 | N | 2 | 3 | NE | 3 | 1 | 1 | 1 | S | |
| 1.3 | 1 | N | 4 | 5 | N | 1 | 1 | 2 | 1 | SE | < |
| 1.3 | 1 | N | 3 | 4 | N | 2 | 1 | 2 | 1 | SE | < |
| 1.3 | 1 | N | 4 | 5 | NW | 2 | 1 | 2 | 1 | SE | |
| 1.3 | 1 | N | 4 | 5 | N | 2 | 1 | 2 | 1 | SE | |
| 0.2 | 1 | N | 5 | 7 | N | 2 | 0 | 2 | 1 | SE | < |
| 0.2 | 1 | N | 7 | 9 | N | 2 | 0 | 2 | 1 | SE | << |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.2 | 1 | N | 7 | 9 | N | 2 | 0 | 2 | 1 | SE | < |
| 0.2 | 1 | N | 6 | 8 | N | 2 | 0 | 2 | 1 | SE | << |
| 0.9 | 1 | N | 7 | 9 | N | 3 | 2 | 2 | 1 | SE | << |
| 0.8 | 1 | N | 7 | 9 | N | 3 | 2 | 2 | 1 | SE | << |
| 0.8 | 1 | N | 7 | 9 | N | 3 | 2 | 2 | 1 | SE | |
| 0.7 | 1 | N | 4 | 6 | N | 3 | 2 | 2 | 1 | SE | < |
| 0.1 | 1 | N | 8 | 10 | NE | 3 | 1 | 3 | 2 | SE | < |
| 0 | 1 | N | 10 | 12 | NE | 2 | 1 | 3 | 2 | SE | << |
| 0 | 1 | N | 10 | 12 | NE | 3 | 1 | 3 | 2 | SE | << |
| -0.1 | 1 | N | 12 | 14 | NE | 3 | 1 | 3 | 2 | SE | << |
| 0.7 | 1 | N | 14 | 15 | NE | 2 | 1 | 2 | 1 | SE | << |
| 0.7 | 1 | N | 16 | 17 | NE | 2 | 1 | 2 | 1 | SE | << |
| 0.6 | 1 | N | 16 | 17 | NE | 3 | 1 | 2 | 1 | SE | << |
| 0.6 | 1 | N | 19 | 20 | NE | 3 | 1 | 2 | 1 | SE | << |
| 0 | 1 | N | 5 | 7 | NE | 3 | 0 | 2 | 1 | SE | << |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | N | 4 | 6 | NE | 3 | 0 | 2 | 1 | SE | << |
| 0 | 1 | N | 5 | 7 | NE | 3 | 0 | 2 | 1 | SE | << |
| 0 | 2 | N | 4 | 6 | NE | 3 | 0 | 2 | 1 | SE | << |
| 0.4 | 1 | N | 5 | 6 | NE | 2 | 1 | 2 | 1 | SE | << |
| 0.3 | 1 | N | 4 | 5 | N | 2 | 1 | 2 | 1 | SE | << |
| 0.3 | 1 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | SE | < |
| 0.3 | 1 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | SE | < |
| 0.2 | 3 | N | 10 | 12 | NE | 3 | 1 | 2 | 2 | SE | << |
| 0.3 | 3 | N | 8 | 10 | NE | 2 | 1 | 2 | 2 | SE | << |
| 0.3 | 3 | N | 8 | 10 | NE | 2 | 1 | 2 | 2 | SE | < |
| 0.3 | 3 | N | 10 | 12 | NE | 2 | 1 | 2 | 2 | SE | << |
| 0.1 | 1 | N | 2 | 4 | S | 3 | 1 | 1 | 1 | SE | << |
| 0 | 1 | N | 4 | 6 | NW | 2 | 1 | 1 | 1 | SE | << |
| 0 | 1 | N | 2 | 4 | N | 3 | 1 | 1 | 1 | SE | << |
| -0.1 | 1 | N | 3 | 5 | N | 3 | 1 | 1 | 1 | SE | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 3 | N | 2 | 3 | NE | 2 | 1 | 2 | 1 | SE | < |
| 0.4 | 3 | N | 7 | 8 | NE | 3 | 1 | 2 | 1 | SE | < |
| 0.4 | 3 | N | 5 | 6 | NE | 3 | 1 | 2 | 1 | SE | |
| 0.4 | 3 | N | 6 | 7 | NE | 3 | 1 | 2 | 1 | SE | < |
| -0.1 | 1 | N | 5 | 7 | NE | 2 | 1 | 2 | 2 | SE | < < |
| -0.1 | 1 | N | 6 | 8 | NE | 2 | 1 | 2 | 2 | SE | < < |
| -0.1 | 1 | N | 8 | 9 | NE | 3 | 1 | 2 | 2 | SE | < |
| -0.1 | 1 | N | 10 | 12 | NE | 3 | 1 | 2 | 2 | SE | < |
| 0.3 | 1 | N | 14 | 15 | E | 2 | 1 | 2 | 1 | SE | < < |
| 0.3 | 1 | N | 10 | 12 | E | 2 | 1 | 2 | 1 | SE | < < |
| 0.3 | 1 | N | 9 | 10 | NE | 2 | 1 | 2 | 1 | SE | < < |
| 0.3 | 1 | N | 10 | 12 | NE | 3 | 1 | 2 | 1 | SE | < |
| 0.6 | 3 | N | 0 | 1 | N | 2 | 1 | 2 | 1 | SE | < < |
| 0.6 | 3 | N | 1 | 2 | N | 2 | 1 | 2 | 1 | SE | < |
| | | | | | | | | | | | < |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.6 | 3 | N | 1 | 2 | N | 2 | 1 | 2 | 1 | SE | < |
| 0.5 | 3 | N | 2 | 3 | N | 2 | 1 | 2 | 1 | SE | << |
| -0.1 | 1 | N | 4 | 6 | N | 2 | 1 | 2 | 1 | SE | < |
| -0.2 | 1 | N | 4 | 6 | N | 1 | 1 | 2 | 1 | SE | |
| -0.2 | 1 | N | 5 | 7 | N | 2 | 1 | 2 | 1 | SE | < |
| -0.3 | 1 | N | 2 | 4 | N | 2 | 1 | 2 | 1 | SE | < |
| 0.4 | 3 | N | 10 | 11 | NE | 2 | 1 | 2 | 1 | SE | << |
| 0.4 | 3 | N | 11 | 12 | NE | 2 | 1 | 2 | 1 | SE | < |
| 0.4 | 3 | N | 10 | 11 | NE | 3 | 1 | 2 | 1 | SE | < |
| 0.4 | 3 | N | 11 | 12 | NE | 3 | 1 | 2 | 1 | SE | << |
| -0.1 | 2 | N | 9 | 11 | NE | 1 | 1 | 3 | 2 | SE | << |
| -0.1 | 2 | N | 13 | 15 | NE | 1 | 1 | 3 | 2 | SE | < |
| -0.1 | 3 | N | 11 | 13 | NE | 2 | 1 | 3 | 2 | SE | < |
| -0.1 | 3 | N | 10 | 12 | NE | 3 | 1 | 3 | 2 | SE | << |
| 0.1 | 3 | N | 10 | 11 | E | 2 | 1 | 3 | 2 | SE | << |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.2 | 3 | N | 10 | 11 | E | 2 | 1 | 3 | 2 | SE | << |
| 0.2 | 3 | N | 10 | 11 | NE | 3 | 1 | 3 | 2 | SE | << |
| 0.3 | 3 | N | 10 | 11 | E | 2 | 1 | 3 | 2 | SE | << |
| -0.2 | 1 | N | 9 | 10 | NE | 2 | 1 | 2 | 2 | SE | << |
| -0.1 | 1 | N | 11 | 12 | NE | 2 | 1 | 2 | 2 | SE | < |
| -0.1 | 1 | N | 9 | 10 | NE | 2 | 1 | 2 | 2 | SE | < |
| -0.1 | 1 | N | 3 | 5 | NE | 2 | 1 | 2 | 2 | SE | << |
| 0.7 | 3 | N | 1 | 2 | NE | 2 | 1 | 1 | 1 | SE | << |
| 0.7 | 3 | N | 2 | 4 | NE | 2 | 1 | 1 | 1 | SE | << |
| 0.7 | 3 | N | 3 | 5 | NE | 2 | 1 | 1 | 1 | SE | << |
| 0.7 | 3 | N | 2 | 3 | NE | 3 | 1 | 1 | 1 | SE | << |
| -0.1 | 2 | N | 10 | 11 | NE | 1 | 1 | 2 | 1 | SE | << |
| -0.1 | 2 | N | 10 | 11 | NE | 1 | 1 | 2 | 1 | SE | << |
| -0.1 | 2 | N | 13 | 14 | NE | 2 | 1 | 2 | 1 | SE | << |
| -0.1 | 3 | N | 9 | 10 | NE | 2 | 1 | 2 | 1 | SE | << |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.7 | 1 | N | 6 | 8 | NE | 2 | 1 | 2 | 1 | SE | << |
| 0.7 | 1 | N | 2 | 4 | N | 1 | 1 | 2 | 1 | SE | < |
| 0.6 | 1 | N | 5 | 7 | N | 2 | 1 | 2 | 1 | SE | |
| 0.6 | 1 | N | 4 | 6 | N | 2 | 1 | 2 | 1 | SE | < |
| 0.1 | 3 | N | 6 | 7 | E | 2 | 1 | 2 | 1 | SE | << |
| 0.1 | 3 | N | 5 | 6 | NE | 3 | 1 | 2 | 1 | SE | << |
| 0.2 | 3 | N | 5 | 6 | NE | 3 | 1 | 2 | 1 | SE | << |
| 0.2 | 3 | N | 3 | 4 | NE | 3 | 1 | 2 | 1 | SE | << |
| 0.3 | 1 | N | 6 | 7 | NE | 2 | 1 | 2 | 1 | SE | << |
| 0.2 | 1 | N | 6 | 7 | NE | 2 | 1 | 2 | 1 | SE | << |
| 0.2 | 1 | N | 8 | 9 | NE | 3 | 1 | 2 | 1 | SE | << |
| 0.2 | 1 | N | 7 | 8 | NE | 3 | 1 | 2 | 1 | SE | << |
| 1.3 | 3 | N | 9 | 10 | NE | 1 | 1 | 2 | 1 | SE | << |
| 1.3 | 3 | N | 14 | 15 | NE | 3 | 1 | 2 | 1 | SE | < |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.3 | 3 | N | 14 | 15 | NE | 2 | 1 | 2 | 1 | SE | < |
| 1.3 | 3 | N | 10 | 11 | NE | 2 | 1 | 2 | 1 | SE | << |
| -0.1 | 2 | N | 2 | 4 | N | 1 | 1 | 1 | 1 | SE | << |
| -0.1 | 2 | N | 2 | 4 | N | 2 | 1 | 1 | 1 | SE | < |
| -0.1 | 2 | N | 4 | 6 | N | 3 | 1 | 1 | 1 | SE | < |
| -0.1 | 3 | N | 3 | 5 | N | 3 | 1 | 1 | 1 | SE | << |
| 1.3 | 1 | N | 4 | 6 | NE | 3 | 1 | 3 | 2 | SE | << |
| 1.3 | 1 | N | 4 | 5 | N | 3 | 1 | 3 | 2 | SE | < |
| 1.3 | 1 | N | 4 | 5 | NE | 3 | 1 | 3 | 2 | SE | < |
| 1.3 | 1 | N | 3 | 6 | NE | 3 | 1 | 3 | 2 | SE | << |
| 0.3 | 3 | N | 3 | 5 | NE | 1 | 0 | 2 | 1 | SE | << |
| 0.3 | 3 | N | 4 | 6 | N | 1 | 0 | 2 | 1 | SE | << |
| 0.3 | 3 | N | 6 | 7 | N | 1 | 0 | 2 | 1 | SE | << |
| 0.4 | 3 | N | 5 | 6 | N | 1 | 0 | 2 | 1 | SE | < |
| 0.8 | 1 | N | 6 | 8 | N | 2 | 1 | 2 | 1 | SE | < |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.8 | 1 | N | 5 | 7 | N | 2 | 1 | 2 | 1 | SE | << |
| 0.8 | 1 | N | 5 | 7 | N | 2 | 1 | 2 | 1 | SE | |
| 0.7 | 1 | N | 6 | 8 | N | 2 | 1 | 2 | 1 | SE | < |
| 1.3 | 3 | N | 10 | 11 | NE | 2 | 1 | 2 | 1 | SE | << |
| 1.3 | 3 | N | 8 | 10 | NE | 2 | 1 | 2 | 1 | SE | < |
| 1.3 | 3 | N | 6 | 7 | NE | 3 | 1 | 2 | 1 | SE | << |
| 1.4 | 3 | N | 6 | 7 | NE | 3 | 1 | 2 | 1 | SE | << |
| 0 | 2 | N | 8 | 10 | NE | 1 | 1 | 1 | 1 | SE | << |
| 0 | 2 | N | 3 | 5 | NE | 1 | 1 | 1 | 1 | SE | < |
| 0 | 2 | N | 6 | 7 | NE | 3 | 1 | 1 | 1 | SE | |
| 0 | 3 | N | 7 | 10 | NE | 3 | 1 | 1 | 1 | SE | << |
| 1.9 | 4 | N | 3 | 5 | NE | 3 | 1 | 2 | 2 | SE | << |
| 1.9 | 4 | N | 2 | 3 | NE | 2 | 1 | 2 | 2 | SE | << |
| 1.9 | 1 | N | 5 | 6 | NE | 3 | 1 | 2 | 3 | SE | << |
| 1.9 | 1 | N | 5 | 7 | NE | 3 | 1 | 2 | 2 | SE | << |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.3 | 3 | N | 5 | 7 | N | 2 | 0 | 1 | 1 | SE | << |
| 0.3 | 3 | N | 3 | 5 | N | 2 | 0 | 1 | 1 | SE | < |
| 0.3 | 3 | N | 3 | 5 | N | 2 | 0 | 1 | 1 | SE | < |
| 0.4 | 3 | N | 3 | 5 | N | 3 | 0 | 1 | 1 | SE | < |
| 1.2 | 1 | N | 3 | 4 | NE | 3 | 1 | 2 | 1 | E | << |
| 1.1 | 1 | N | 4 | 5 | N | 2 | 1 | 2 | 1 | E | << |
| 1.1 | 1 | N | 4 | 5 | NE | 3 | 1 | 2 | 1 | E | < |
| 1 | 1 | N | 4 | 5 | N | 3 | 1 | 2 | 1 | E | << |
| 1.5 | 3 | N | 5 | 6 | N | 3 | 1 | 3 | 2 | SE | << |
| 1.5 | 3 | N | 4 | 6 | N | 3 | 1 | 3 | 2 | SE | < |
| 1.5 | 3 | N | 6 | 9 | N | 3 | 1 | 2 | 2 | SE | < |
| 1.6 | 3 | N | 5 | 7 | N | 2 | 1 | 2 | 2 | SE | << |
| 0.4 | 1 | N | 4 | 5 | N | 1 | 0 | 1 | 1 | SE | << |
| 0.4 | 1 | N | 3 | 5 | N | 1 | 0 | 1 | 1 | SE | < |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 1 | N | 2 | 4 | N | 1 | 0 | 1 | 1 | SE | |
| 0.3 | 1 | N | 2 | 4 | N | 2 | 0 | 1 | 1 | SE | < |
| 2.2 | 3 | N | 5 | 6 | N | 3 | 1 | 1 | 1 | SE | <<< |
| 2.3 | 3 | N | 5 | 7 | N | 2 | 1 | 1 | 1 | SE | < |
| 2.3 | 3 | N | 2 | 4 | NE | 2 | 1 | 1 | 1 | SE | < |
| 2.3 | 4 | N | 3 | 6 | NE | 2 | 1 | 1 | 1 | SE | <<< |
| 0.4 | 3 | N | 4 | 5 | N | 2 | 1 | 2 | 1 | SE | <<< |
| 0.4 | 3 | N | 3 | 4 | N | 2 | 1 | 2 | 1 | SE | <<< |
| 0.4 | 3 | N | 8 | 9 | N | 2 | 1 | 2 | 1 | SE | <<< |
| 0.5 | 3 | N | 7 | 8 | N | 3 | 1 | 2 | 1 | SE | <<< |
| 0.8 | 1 | N | 9 | 10 | NE | 1 | 1 | 2 | 1 | SE | < |
| 0.8 | 1 | N | 10 | 11 | NE | 1 | 1 | 2 | 1 | SE | <<< |
| 0.9 | 1 | N | 8 | 9 | NE | 1 | 1 | 2 | 1 | SE | < |
| 0.9 | 1 | N | 8 | 9 | NE | 3 | 1 | 2 | 1 | SE | <<< |
| 1.5 | 3 | N | 3 | 5 | N | 2 | 1 | 1 | 1 | SE | <<< |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.5 | 3 | N | 3 | 4 | N | 2 | 1 | 1 | 1 | SE | << |
| 1.5 | 3 | N | 3 | 5 | N | 2 | 1 | 2 | 1 | SE | << |
| 1.6 | 3 | N | 2 | 4 | N | 3 | 1 | 2 | 1 | SE | < |
| 0.9 | 1 | N | 5 | 6 | N | 2 | 1 | 2 | 1 | SE | < |
| 0.8 | 1 | N | 5 | 6 | N | 2 | 1 | 2 | 1 | SE | |
| 0.8 | 1 | N | 6 | 7 | N | 2 | 1 | 2 | 1 | SE | |
| 0.8 | 1 | N | 6 | 7 | NE | 3 | 1 | 2 | 1 | SE | |
| 2.2 | 3 | N | 7 | 8 | NE | 1 | 1 | 2 | 1 | SE | < |
| 2.2 | 3 | N | 5 | 6 | NE | 1 | 1 | 2 | 1 | SE | << |
| 2.2 | 3 | N | 5 | 6 | NE | 1 | 1 | 2 | 1 | SE | << |
| 2.2 | 3 | N | 6 | 7 | NE | 3 | 1 | 2 | 1 | SE | << |
| 0.7 | 1 | N | 7 | 9 | NE | 1 | 1 | 2 | 1 | SE | << |
| 0.7 | 1 | N | 9 | 11 | NE | 2 | 1 | 2 | 1 | SE | << |
| 0.7 | 1 | N | 7 | 9 | NE | 2 | 1 | 2 | 1 | SE | < |
| 0.7 | 1 | N | 10 | 12 | NE | 3 | 1 | 2 | 1 | SE | << |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.9 | 1 | N | 7 | 8 | NE | 2 | 1 | 2 | 1 | SE | << |
| 1.8 | 1 | N | 7 | 8 | NE | 2 | 1 | 2 | 1 | SE | << |
| 1.8 | 1 | N | 8 | 9 | NE | 2 | 1 | 2 | 1 | SE | < |
| 1.7 | 1 | N | 9 | 10 | N | 3 | 1 | 2 | 1 | SE | < |
| 1.5 | 3 | N | 10 | 12 | NE | 2 | 1 | 2 | 1 | SE | < |
| 1.5 | 3 | N | 12 | 13 | E | 2 | 1 | 2 | 1 | SE | << |
| 1.5 | 3 | N | 14 | 15 | E | 2 | 1 | 2 | 1 | SE | << |
| 1.5 | 3 | N | 10 | 11 | E | 3 | 1 | 2 | 1 | SE | << |
| 0.9 | 1 | N | 3 | 5 | N | 1 | 1 | 2 | 1 | SE | << |
| 0.9 | 1 | N | 3 | 5 | N | 1 | 1 | 2 | 1 | SE | << |
| 0.9 | 1 | N | 5 | 7 | N | 2 | 1 | 2 | 1 | SE | << |
| 0.8 | 1 | N | 6 | 8 | N | 3 | 1 | 2 | 1 | SE | << |
| 1.9 | 3 | N | 5 | 6 | N | 2 | 1 | 1 | 1 | SE | < |
| 1.9 | 3 | N | 4 | 5 | N | 2 | 1 | 1 | 1 | SE | < |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.9 | 3 | N | 5 | 7 | N | 2 | 1 | 1 | 1 | SE | |
| 1.9 | 3 | N | 3 | 4 | N | 2 | 1 | 1 | 1 | SE | |
| 0.7 | 1 | N | 4 | 5 | N | 1 | 1 | 2 | 1 | SE | << |
| 0.7 | 1 | N | 3 | 4 | N | 1 | 1 | 2 | 1 | SE | << |
| 0.7 | 1 | N | 7 | 8 | N | 3 | 1 | 2 | 1 | SE | |
| 0.7 | 1 | N | 7 | 8 | N | 3 | 1 | 2 | 1 | SE | << |
| 1.9 | 1 | N | 9 | 10 | E | 2 | 5 | 3 | 2 | SE | << |
| 1.9 | 1 | N | 10 | 12 | E | 2 | 1 | 3 | 2 | SE | << |
| 1.8 | 1 | N | 12 | 14 | E | 2 | 1 | 3 | 2 | SE | << |
| 1.8 | 1 | N | 10 | 11 | E | 3 | 1 | 3 | 2 | SE | << |
| 1.1 | 3 | N | 7 | 9 | N | 2 | 1 | 2 | 1 | SE | < |
| 1.1 | 3 | N | 9 | 11 | N | 2 | 1 | 2 | 1 | SE | |
| 1.1 | 3 | N | 13 | 15 | N | 2 | 1 | 2 | 1 | SE | |
| 1.1 | 3 | N | 13 | 15 | N | 2 | 1 | 2 | 1 | SE | < |
| 1.5 | 1 | N | 14 | 16 | NE | 2 | 5 | 3 | 2 | SE | < |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.5 | 1 | N | 19 | 21 | NE | 2 | 5 | 3 | 2 | SE | <<< |
| 1.3 | 1 | N | 15 | 17 | NE | 2 | 5 | 3 | 2 | SE | <<< |
| 1.3 | 1 | N | 14 | 16 | NE | 2 | 1 | 3 | 2 | SE | <<< |
| 1.5 | 3 | N | 4 | 6 | N | 1 | 1 | 2 | 1 | SE | < |
| 1.5 | 3 | N | 3 | 4 | N | 1 | 1 | 3 | 2 | SE | <<< |
| 1.5 | 4 | N | 4 | 5 | N | 1 | 1 | 3 | 2 | SE | <<< |
| 1.5 | 4 | N | 4 | 5 | N | 2 | 1 | 3 | 2 | SE | <<< |
| | | | | | | | | | | | < |

| Fecal Coliform (./100ml) | Less than (<) | Entero-coccus (./100ml) | Clostridium perfringens (./100ml) |
|---|---|---|---|
| 15 | | 15 | |
| 5 | | 8 | |
| 7 | < | 0.9 | |
| 21 | | 7 | |
| 0.9 | < | 0.9 | |
| 5 | | 7 | |
| 0.9 | < | 0.9 | |
| 71 | | 20 | |
| 0.9 | < | 0.9 | |
| 58 | | 8 | |
| 0.9 | < | 0.9 | |
| 69 | | 7 | |

| | | |
|---|---|---|
| 0.9 | < | 0.9 |
| | | |
| 49 | | 11 |
| 0.9 | < | 0.9 |
| | | |
| 16 | | 5 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | | 4 |
| 0.9 | | 0.9 |
| | | |
| 220 | | 41 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 19 | | 9 |
| | | |
| 135 | | 35 |
| 0.9 | < | 0.9 |
| | | |
| 8 | | 8 |
| 0.9 | | 3 |
| | | |
| 69 | | 12 |
| 0.9 | | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 18 | | 9 |
| 4 | | 5 |

| | | |
|---|---|---|
| 15 | | 10 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |
| | | |
| 0.9 | | 3 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 2.5 | < | 0.9 |
| | | |
| 7 | | 3 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 3 | | 2 |
| 2 | < | 0.9 |
| | | |
| 7 | | 2 |
| 0.9 | < | 0.9 |
| | | |
| 3 | | 5 |
| 0.9 | < | 0.9 |
| | | |
| 2 | | 4 |
| 3 | | 2 |
| | | |
| 9 | | 5 |
| 4 | | 3 |
| | | |
| 4 | | 6 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 2 | | 4 |

| | |
|---|---|
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 | 0.9 |
| 0.9 | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 5 | 0.9 |
| 220 | 40 |
| 0.9 < | 0.9 |
| 11 | 3.5 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
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| 0.9 < | 0.9 |
| 8 | 0.9 |
| | |
| 12 | 3 |
| 0.9 < | 0.9 |
| | |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| | |
| 0.9 | 3 |
| 0.9 | 3 |
| | |
| 10 | 3 |
| 0.9 | 0.9 |
| | |
| 0.9 | 5 |
| 0.9 < | 0.9 |
| | |
| 0.9 | 1 |
| 0.9 < | 0.9 |
| | |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| | |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| | |
| 6 | 0.9 |
| 3 | 2 |

| | | |
|---|---|---|
| 220 | | 91 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 2 | | 0.9 |
| | | |
| 670 | | 290 |
| 0.9 | | 2 |
| | | |
| 54 | | 17 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 5 | | 2 |
| 0.9 | < | 0.9 |
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| 0.9 | | 0.9 |
| 0.9 | < | 0.9 |
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| 0.9 | | 0.9 |
| 0.9 | < | 0.9 |
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| 0.9 | | 0.9 |
| 0.9 | < | 0.9 |
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| 0.9 | | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 2 | < | 0.9 |
| 0.9 | < | 0.9 |
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| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
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| 0.9 | | 2 |
| 0.9 | < | 0.9 |
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|---|---|---|
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |
| 21 | | 4 |
| 0.9 | < | 0.9 |
| 23 | | 5 |
| 6 | | 2 |
| 40 | | 4 |
| 0.9 | | 23 |
| 18 | | 5 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 15 | | 5 |
| 30 | | 5 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |
| 0.9 | | 1 |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |
| 3 | | 3 |
| 1 | | 7 |
| 0.9 | | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |

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| 0.9 < | 0.9 |
| 0.9 | 2 |
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| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| | |
| 0.9 < | 0.9 |
| 74 | 42 |
| | |
| 89 | 41 |
| 16 | 6 |
| | |
| 37 | 11 |
| 0.9 < | 0.9 |
| | |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
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| 0.9 | 0.9 |
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| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| | |
| 0.9 < | 0.9 |
| 4 | 2 |
| | |
| 46 | 23 |

| | |
|---|---|
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 | 2 |
| 0.9 < | 0.9 |
| 2 | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 13 | 3 |
| 26 | 10 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 | 0.9 |
| 4 | 2 |
| 81 | 44 |
| 0.9 < | 0.9 |

| | | |
|---|---|---|
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 3 | < | 0.9 |
| 15 | | 10 |
| | | |
| 21 | | 6 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 1 | < | 0.9 |
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| 0.9 | < | 0.9 |
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| 0.9 | < | 0.9 |
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| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
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| 0.9 | < | 0.9 |
| 3 | | 2 |
| | | |
| 5 | < | 0.9 |
| 2 | < | 0.9 |
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| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
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| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 300 | | 48 |
| | | |
| 280 | | 67 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
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| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 2 | < | 0.9 |
| 0.9 | < | 0.9 |
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| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
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| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 6 | < | 0.9 |
| | | |
| 230 | | 69 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |
| | | |
| 0.9 | | 5 |
| 18 | | 0.9 |
| | | |
| 14 | | 5 |

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|---|---|
| 9 | 2 |
| 20 | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 27 | 7 |
| 15 | 8 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| 0.9 | 0.9 |
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| 0.9 < | 0.9 |
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| 0.9 < | 0.9 |
| 0.9 < | 0.9 |
| | |
| 140 | 49 |
| 0.9 < | 0.9 |
| | |
| 0.9 < | 0.9 |
| 0 | 0 |
| | |
| 0 | 0 |
| 0 | 0 |
| | |
| 0 | 0 |
| 22 | 3 |
| | |
| 15 | 5 |
| 0 | 0 |
| | |
| 6 | 0.9 |
| 0.9 < | 0.9 |
| | |
| 0.9 < | 0.9 |
| 0.9 | 0.9 |
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| | |
| 3 < | 0.9 |
| 0.9 < | 0.9 |
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| 6 < | 0.9 |
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| 17 | 3 |
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| 15 | 4 |

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| 2 | < | 0.9 |
| | | |
| 8 | | 3 |
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| 0.9 | < | 0.9 |
| 88 | | 26 |
| | | |
| 82 | | 29 |
| 59 | | 20 |
| | | |
| 260 | | 62 |
| 6 | | 3 |
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| 650 | | 310 |
| 0.9 | | 2 |
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RESULTS OF BACTERIAL ANALYSES AND FIELD OBSERVATIONS
J:/_MC\M&C/WWTPlants/wwtpmicro & Oceanlogs/2011microbiology.xls
HONOULIULI OCEAN OUTFALL - OFFSHORE STATIONS
01-Jun-15

| DATE | Station | Time | Depth (m) | CTD on (hhmm) | CTD off (hhmm) | Light ext. coeff. | Secchi depth (feet) | Cloud cover (%) |
|---|---|---|---|---|---|---|---|---|
| 2/3/2011 | HM1 | 752 | 0 | | | | | 75 |
| 2/3/2011 | HM1 | 753 | 20 | | | | | |
| 2/3/2011 | HM1 | 754 | 41 | | | | | |
| 2/3/2011 | HM2 | 737 | 0 | | | | | 75 |
| 2/3/2011 | HM2 | 739 | 29 | | | | | |
| 2/3/2011 | HM2 | 740 | 58 | | | | | |
| 2/3/2011 | HM3 | 819 | 0 | | | | | 75 |
| 2/3/2011 | HM3 | 822 | 51 | | | | | |
| 2/3/2011 | HM3 | 823 | 102 | | | | | |
| 2/3/2011 | HM4 | 851 | 0 | | | | | 75 |
| 2/3/2011 | HM4 | 852 | 29 | | | | | |
| 2/3/2011 | HM4 | 853 | 58 | | | | | |
| 2/3/2011 | HB1 | 725 | 0 | | | | | 75 |
| 2/3/2011 | HB1 | 726 | 32 | | | | | |
| 2/3/2011 | HB1 | 728 | 65 | | | | | |
| 2/3/2011 | HB2 | 744 | 0 | | | | | 75 |
| 2/3/2011 | HB2 | 746 | 29 | | | | | |
| 2/3/2011 | HB2 | 747 | 58 | | | | | |
| 2/3/2011 | HB3 | 831 | 0 | | | | | 75 |
| 2/3/2011 | HB3 | 833 | 35 | | | | | |
| 2/3/2011 | HB3 | 834 | 70 | | | | | |
| 2/3/2011 | HB4 | 842 | 0 | | | | | 75 |
| 2/3/2011 | HB4 | 843 | 31 | | | | | |
| 2/3/2011 | HB4 | 844 | 63 | | | | | |
| 2/3/2011 | HB5 | 801 | 0 | | | | | 75 |
| 2/3/2011 | HB5 | 802 | 28 | | | | | |
| 2/3/2011 | HB5 | 805 | 57 | | | | | |
| 2/3/2011 | HB6 | 859 | 0 | | | | | 75 |
| 2/3/2011 | HB6 | 901 | 30 | | | | | |
| 2/3/2011 | HB6 | 902 | 59 | | | | | |
| 2/3/2011 | HB7 | 914 | 0 | | | | | 75 |
| 2/3/2011 | HB7 | 915 | 31 | | | | | |
| 2/3/2011 | HB7 | 916 | 63 | | | | | |
| 2/3/2011 | HZ | 809 | 0 | | | | | 75 |

| | | | | |
|---|---|---|---|---|
| 2/3/2011 | HZ | 811 | 31 | |
| 2/3/2011 | HZ | 812 | 63 | |
| 5/10/2011 | HM1 | 714 | 0 | 95 |
| 5/10/2011 | HM1 | 715 | 20 | |
| 5/10/2011 | HM1 | 716 | 41 | |
| 5/10/2011 | HM2 | 655 | 0 | 95 |
| 5/10/2011 | HM2 | 656 | 29 | |
| 5/10/2011 | HM2 | 657 | 58 | |
| 5/10/2011 | HM3 | 739 | 0 | 95 |
| 5/10/2011 | HM3 | 741 | 51 | |
| 5/10/2011 | HM3 | 743 | 102 | |
| 5/10/2011 | HM4 | 807 | 0 | 95 |
| 5/10/2011 | HM4 | 808 | 29 | |
| 5/10/2011 | HM4 | 809 | 58 | |
| 5/10/2011 | HB1 | 639 | 0 | 95 |
| 5/10/2011 | HB1 | 640 | 32 | |
| 5/10/2011 | HB1 | 641 | 65 | |
| 5/10/2011 | HB2 | 704 | 0 | 95 |
| 5/10/2011 | HB2 | 705 | 29 | |
| 5/10/2011 | HB2 | 706 | 58 | |
| 5/10/2011 | HB3 | 751 | 0 | 95 |
| 5/10/2011 | HB3 | 752 | 35 | |
| 5/10/2011 | HB3 | 753 | 70 | |
| 5/10/2011 | HB4 | 759 | 0 | 95 |
| 5/10/2011 | HB4 | 800 | 31 | |
| 5/10/2011 | HB4 | 801 | 63 | |
| 5/10/2011 | HB5 | 722 | 0 | 95 |
| 5/10/2011 | HB5 | 723 | 28 | |
| 5/10/2011 | HB5 | 724 | 57 | |
| 5/10/2011 | HB6 | 817 | 0 | 95 |
| 5/10/2011 | HB6 | 818 | 30 | |
| 5/10/2011 | HB6 | 819 | 59 | |
| 5/10/2011 | HB7 | 831 | 0 | 95 |
| 5/10/2011 | HB7 | 832 | 31 | |
| 5/10/2011 | HB7 | 833 | 63 | |
| 5/10/2011 | HZ | 731 | 0 | 95 |
| 5/10/2011 | HZ | 732 | 31 | |
| 5/10/2011 | HZ | 733 | 63 | |
| 7/21/2011 | HM1 | 647 | 0 | 45 |
| 7/21/2011 | HM1 | 648 | 20 | |
| 7/21/2011 | HM1 | 648 | 41 | |
| 7/21/2011 | HM2 | 628 | 0 | 45 |
| 7/21/2011 | HM2 | 630 | 29 | |
| 7/21/2011 | HM2 | 631 | 58 | |

| | | | | |
|---|---|---|---|---|
| 7/21/2011 | HM3 | 714 | 0 | 45 |
| 7/21/2011 | HM3 | 717 | 51 | |
| 7/21/2011 | HM3 | 718 | 102 | |
| 7/21/2011 | HM4 | 744 | 0 | 45 |
| 7/21/2011 | HM4 | 746 | 29 | |
| 7/21/2011 | HM4 | 747 | 58 | |
| 7/21/2011 | HB1 | 614 | 0 | 45 |
| 7/21/2011 | HB1 | 616 | 32 | |
| 7/21/2011 | HB1 | 617 | 65 | |
| 7/21/2011 | HB2 | 637 | 0 | 45 |
| 7/21/2011 | HB2 | 638 | 29 | |
| 7/21/2011 | HB2 | 638 | 58 | |
| 7/21/2011 | HB3 | 726 | 0 | 45 |
| 7/21/2011 | HB3 | 728 | 35 | |
| 7/21/2011 | HB3 | 729 | 70 | |
| 7/21/2011 | HB4 | 734 | 0 | 45 |
| 7/21/2011 | HB4 | 736 | 31 | |
| 7/21/2011 | HB4 | 737 | 63 | |
| 7/21/2011 | HB5 | 655 | 0 | 45 |
| 7/21/2011 | HB5 | 657 | 28 | |
| 7/21/2011 | HB5 | 658 | 57 | |
| 7/21/2011 | HB6 | 752 | 0 | 45 |
| 7/21/2011 | HB6 | 754 | 30 | |
| 7/21/2011 | HB6 | 755 | 59 | |
| 7/21/2011 | HB7 | 807 | 0 | 45 |
| 7/21/2011 | HB7 | 809 | 31 | |
| 7/21/2011 | HB7 | 810 | 63 | |
| 7/21/2011 | HZ | 705 | 0 | 45 |
| 7/21/2011 | HZ | 707 | 31 | |
| 7/21/2011 | HZ | 709 | 63 | |
| 10/13/2011 | HM1 | 659 | 0 | 45 |
| 10/13/2011 | HM1 | 701 | 20 | |
| 10/13/2011 | HM1 | 702 | 41 | |
| 10/13/2011 | HM2 | 640 | 0 | 45 |
| 10/13/2011 | HM2 | 642 | 29 | |
| 10/13/2011 | HM2 | 643 | 58 | |
| 10/13/2011 | HM3 | 730 | 0 | 45 |
| 10/13/2011 | HM3 | 732 | 51 | |
| 10/13/2011 | HM3 | 734 | 102 | |
| 10/13/2011 | HM4 | 801 | 0 | 45 |
| 10/13/2011 | HM4 | 802 | 29 | |
| 10/13/2011 | HM4 | 803 | 58 | |
| 10/13/2011 | HB1 | 626 | 0 | 45 |
| 10/13/2011 | HB1 | 628 | 32 | |

| | | | | |
|---|---|---|---|---|
| 10/13/2011 | HB1 | 629 | 65 | |
| 10/13/2011 | HB2 | 650 | 0 | 45 |
| 10/13/2011 | HB2 | 652 | 29 | |
| 10/13/2011 | HB2 | 655 | 58 | |
| 10/13/2011 | HB3 | 743 | 0 | 45 |
| 10/13/2011 | HB3 | 745 | 35 | |
| 10/13/2011 | HB3 | 746 | 70 | |
| 10/13/2011 | HB4 | 752 | 0 | 45 |
| 10/13/2011 | HB4 | 753 | 31 | |
| 10/13/2011 | HB4 | 754 | 63 | |
| 10/13/2011 | HB5 | 709 | 0 | 45 |
| 10/13/2011 | HB5 | 710 | 28 | |
| 10/13/2011 | HB5 | 711 | 57 | |
| 10/13/2011 | HB6 | 812 | 0 | 45 |
| 10/13/2011 | HB6 | 813 | 30 | |
| 10/13/2011 | HB6 | 814 | 59 | |
| 10/13/2011 | HB7 | 823 | 0 | 45 |
| 10/13/2011 | HB7 | 825 | 31 | |
| 10/13/2011 | HB7 | 826 | 63 | |
| 10/13/2011 | HZ | 718 | 0 | 45 |
| 10/13/2011 | HZ | 719 | 31 | |
| 10/13/2011 | HZ | 720 | 63 | |

| Tide hgt (ft) | Tide stage (0154) | Odor Floatable n/p | Wind low (m/h) | Wind high (m/h) | Wind dir (deg) | Water color (0394) | Wea-ther (0108) | Sea state (0109) | Wave hgt (0362) | Wave direction. (se) | Less than (<) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.9 | 1 | N | 5 | 6 | N | 1 | 1 | 2 | 1 | SE | < |
| 1 | 1 | N | 4 | 5 | N | 1 | 1 | 2 | 1 | SE | < |
| 0.8 | 1 | N | 4 | 5 | N | 1 | 1 | 2 | 1 | SE | < |
| 0.6 | 1 | N | 4 | 5 | N | 1 | 1 | 2 | 1 | SE | |
| 1.1 | 1 | N | 5 | 6 | NW | 1 | 1 | 2 | 1 | SE | < |
| 1 | 1 | N | 4 | 5 | N | 1 | 1 | 2 | 1 | SE | <<< |
| 0.7 | 1 | N | 5 | 6 | N | 1 | 1 | 2 | 1 | SE | < |
| 0.6 | 1 | N | 4 | 5 | NW | 1 | 1 | 2 | 1 | SE | |
| 0.9 | 1 | N | 4 | 5 | N | 1 | 1 | 2 | 1 | SE | |
| 0.5 | 1 | N | 5 | 6 | N | 1 | 1 | 2 | 1 | SE | < |
| 0.4 | 1 | N | 3 | 4 | N | 1 | 1 | 2 | 1 | SE | < |
| 0.8 | 1 | N | 4 | 5 | N | 1 | 1 | 2 | 1 | SE | < |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.3 | 3 | N | 0 | 1 | N | 2 | 6 | 2 | 1 | SE | < |
| 0.2 | 3 | N | 1 | 2 | N | 2 | 1 | 2 | 1 | SE | < |
| 0.3 | 3 | N | 1 | 2 | N | 2 | 5 | 2 | 1 | SE | <<< |
| 0.4 | 3 | N | 1 | 2 | N | 2 | 1 | 2 | 1 | SE | < |
| 0.2 | 3 | N | 2 | 3 | N | 2 | 1 | 2 | 1 | SE | |
| 0.2 | 3 | N | 1 | 2 | N | 2 | 6 | 2 | 1 | SE | <<< |
| 0.3 | 3 | N | 1 | 2 | N | 2 | 1 | 2 | 1 | SE | < |
| 0.4 | 3 | N | 2 | 3 | N | 2 | 1 | 2 | 1 | SE | < |
| 0.3 | 3 | N | 1 | 2 | NW | 2 | 6 | 2 | 1 | SE | < |
| 0.4 | 3 | N | 2 | 3 | N | 2 | 1 | 5 | NO | SE | < |
| 0.5 | 3 | N | 2 | 3 | N | 2 | 1 | 2 | 1 | SE | < |
| 0.3 | 3 | N | 1 | 2 | NW | 2 | 6 | 2 | 1 | SE | |
| 1.1 | 3 | N | 10 | 11 | NE | 1 | 1 | 2 | 1 | SE | |
| 1 | 3 | N | 10 | 11 | NE | 1 | 1 | 2 | 1 | SE | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.1 | 3 | N | 10 | 11 | NE | 1 | 1 | 2 | 1 | SE | |
| 1.2 | 3 | N | 10 | 11 | NE | 1 | 1 | 2 | 1 | SE | |
| 0.9 | 3 | N | 13 | 14 | NE | 2 | 1 | 2 | 1 | SE | < |
| 1.1 | 3 | N | 12 | 13 | NE | 1 | 1 | 2 | 1 | SE | |
| 1.1 | 3 | N | 10 | 11 | NE | 1 | 1 | 2 | 1 | SE | |
| 1.2 | 3 | N | 10 | 11 | NE | 1 | 1 | 2 | 1 | SE | |
| 1.1 | 3 | N | 10 | 11 | NE | 1 | 1 | 2 | 1 | SE | |
| 1.2 | 3 | N | 10 | 11 | NE | 1 | 1 | 5 | NO | SE | < |
| 1.3 | 3 | N | 9 | 10 | NE | 1 | 1 | 2 | 1 | SE | < |
| 1.1 | 3 | N | 10 | 11 | NE | 1 | 1 | 2 | 1 | SE | < |
| 1.6 | 1 | N | 7 | 8 | N | 2 | 1 | 2 | 1 | SE | |
| 1.7 | 1 | N | 2 | 3 | N | 2 | 1 | 2 | 1 | SE | |
| 1.4 | 1 | N | 7 | 8 | N | 2 | 1 | 2 | 1 | SE | |
| 1.2 | 1 | N | 6 | 7 | NE | 2 | 1 | 2 | 1 | SE | |
| 1.8 | 1 | N | 2 | 3 | N | 2 | 1 | 2 | 1 | SE | < |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | < |
| 1.7 | 1 | N | 2 | 3 | N | 2 | 1 | 2 | 1 | SE | |
| 1.3 | 1 | N | 8 | 9 | N | 2 | 1 | 2 | 1 | SE | |
| 1.2 | 1 | N | 7 | 8 | N | 2 | 1 | 2 | 1 | SE | |
| 1.5 | 1 | N | 4 | 5 | N | 2 | 1 | 2 | 1 | SE | |
| 1.1 | 1 | N | 7 | 8 | NE | 2 | 1 | 5 | 1 | SE | |
| 1 | 1 | N | 8 | 9 | NE | 2 | 1 | 2 | 1 | SE | |
| 1.5 | 1 | N | 6 | 7 | N | 2 | 1 | 2 | 1 | SE | |

| Fecal Coliform (No./100ml) | Less than (<) | Entero-coccus (No./100ml) | Clostridium perfringens (No./100ml) |
|---|---|---|---|
| 0.9 | < | 0.9 | |
| 38 | | 14 | |
| 0.9 | < | 0.9 | |
| 230 | | 60 | |
| 0.9 | < | 0.9 | |
| 99 | | 23 | |
| 0.9 | | 3 | |
| 570 | | 240 | |
| 0.9 | < | 0.9 | |
| 0.9 | | 0.9 | |
| 0.9 | < | 0.9 | |
| 250 | | 76 | |
| 0.9 | < | 0.9 | |
| 580 | | 260 | |
| 0.9 | < | 0.9 | |
| 860 | | 370 | |
| 2000 | | 820 | |
| 490 | | 170 | |
| 0.9 | < | 0.9 | |
| 700 | | 220 | |
| 0.9 | < | 0.9 | |
| 0.9 | | 0.9 | |

| | | |
|---|---|---|
| 0.9 | < | 0.9 |
| 6800 | | 860 |
| 0.9 | < | 0.9 |
| 0.9 | | 0.9 |
| 0.9 | < | 0.9 |
| 37 | | 13 |
| 0.9 | < | 0.9 |
| 5400 | | 1200 |
| 2 | | 0.9 |
| 0.9 | < | 0.9 |
| 0.9 | < | 0.9 |
| 1000 | | 320 |
| 0.9 | < | 0.9 |
| 3600 | | 680 |
| 0.9 | < | 0.9 |
| 9200 | | 1400 |
| 0.9 | < | 0.9 |
| 13000 | | 2500 |
| 0.9 | < | 0.9 |
| 5400 | | 660 |
| 0.9 | < | 0.9 |
| 71 | | 25 |
| 450 | | 82 |
| 2000 | | 240 |
| 34 | | 14 |
| 10 | | 6 |

| | | |
|---|---|---|
| 3 | | 5 |
| | | |
| 5 | | 3 |
| 41.5 | | 34 |
| | | |
| 2000 | | 330 |
| 0.9 | < | 0.9 |
| | | |
| 5 | | 6 |
| 67 | | 29 |
| | | |
| 2200 | | 390 |
| 39.5 | | 46.5 |
| | | |
| 10 | | 4 |
| 92 | | 44 |
| | | |
| 5800 | | 2100 |
| 210 | | 47 |
| | | |
| 3600 | | 740 |
| 0.9 | | 0.9 |
| | | |
| 42 | | 20 |
| 0.9 | < | 0.9 |
| | | |
| 0.9 | < | 0.9 |
| | | |
| | | |
| 27 | | 11 |
| | | |
| 1000 | | 430 |
| 51 | | 20 |
| | | |
| 75 | | 35 |
| 110 | | 53.5 |
| | | |
| 1300 | | 420 |
| 80 | | 63 |
| | | |
| 3000 | | 690 |
| 0.9 | < | 0.9 |

| | | |
|---|---|---|
| 0.9 | < | 0.9 |
| 215 | | 59.5 |
| | | |
| 200 | | 32 |
| 250 | | 180 |
| | | |
| 4800 | | 530 |
| 330 | | 190 |
| | | |
| 5000 | | 880 |
| 410 | | 210 |
| | | |
| 3900 | | 950 |
| 160 | | 87 |
| | | |
| 4300 | | 680 |
| 2 | | 0.9 |
| | | |
| 0.9 | | 4 |

Remarks

==========

NO REMARKS

NO REMARKS

NO REMARKS

NO REMARKS

NO REMARKS

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NO REMARKS

NO REMARKS

NO REMARKS

RESULTS OF BACTERIAL ANALYSES AND FIELD OBSERVATIONS
J:/_MC\M&C/WWTPlants/wwtpmicro & Oceanlogs/2011microbiology.xls
MOKAPU OCEAN OUTFALL - SHORELINE STATIONS
01-Jun-15

| DATE | Station | Time | Depth (m) | CTD on (hhmm) | CTD off (hhmm) | Light ext. coeff. | Secchi depth (feet) | Cloud cover (%) |
|---|---|---|---|---|---|---|---|---|
| 1/6/2011 | MS4 | 707 | 0 | | | | | 90 |
| 1/6/2011 | KAILUA BEACH | 659 | 0 | | | | | 90 |
| 1/6/2011 | KALAMA BEACH | 719 | 0 | | | | | 90 |
| 1/6/2011 | ONEAWA BEACH | 735 | 0 | | | | | 90 |
| 1/6/2011 | MS2 | 747 | 0 | | | | | 90 |
| 1/6/2011 | MS1 | 809 | 0 | | | | | 90 |
| 1/6/2011 | NORTH BEACH | 817 | 0 | | | | | 90 |
| 1/12/2011 | MS4 | 739 | 0 | | | | | 100 |
| 1/12/2011 | KAILUA BEACH | 725 | 0 | | | | | 100 |
| 1/12/2011 | KALAMA BEACH | 752 | 0 | | | | | 100 |
| 1/12/2011 | ONEAWA BEACH | 811 | 0 | | | | | 100 |
| 1/12/2011 | MS2 | 824 | 0 | | | | | 100 |
| 1/12/2011 | MS1 | 838 | 0 | | | | | 100 |
| 1/12/2011 | NORTH BEACH | 849 | 0 | | | | | 100 |
| 1/18/2011 | MS4 | 715 | 0 | | | | | 90 |
| 1/18/2011 | KAILUA BEACH | 704 | 0 | | | | | 90 |
| 1/18/2011 | KALAMA BEACH | 729 | 0 | | | | | 90 |
| 1/18/2011 | ONEAWA BEACH | 746 | 0 | | | | | 90 |
| 1/18/2011 | MS2 | 800 | 0 | | | | | 90 |
| 1/18/2011 | MS1 | 816 | 0 | | | | | 90 |
| 1/18/2011 | NORTH BEACH | 826 | 0 | | | | | 90 |
| 1/24/2011 | MS4 | 652 | 0 | | | | | 30 |
| 1/24/2011 | KAILUA BEACH | 645 | 0 | | | | | 30 |
| 1/24/2011 | KALAMA BEACH | 706 | 0 | | | | | 30 |
| 1/24/2011 | ONEAWA BEACH | 717 | 0 | | | | | 30 |
| 1/24/2011 | MS2 | 726 | 0 | | | | | 30 |
| 1/24/2011 | MS1 | 739 | 0 | | | | | 30 |
| 1/24/2011 | NORTH BEACH | 748 | 0 | | | | | 30 |
| 1/30/2011 | MS4 | 647 | 0 | | | | | 1 |
| 1/30/2011 | KAILUA BEACH | 657 | 0 | | | | | 1 |
| 1/30/2011 | KALAMA BEACH | 714 | 0 | | | | | 1 |
| 1/30/2011 | ONEAWA BEACH | 736 | 0 | | | | | 1 |
| 1/30/2011 | MS2 | 750 | 0 | | | | | 1 |
| 1/30/2011 | MS1 | 805 | 0 | | | | | 1 |

| | | | | |
|---|---|---|---|---|
| 1/30/2011 | NORTH BEACH | 815 | 0 | 1 |
| 2/5/2011 | MS4 | 631 | 0 | 15 |
| 2/5/2011 | KAILUA BEACH | 624 | 0 | 15 |
| 2/5/2011 | KALAMA BEACH | 644 | 0 | 15 |
| 2/5/2011 | ONEAWA BEACH | 658 | 0 | 15 |
| 2/5/2011 | MS2 | 709 | 0 | 15 |
| 2/5/2011 | MS1 | 719 | 0 | 15 |
| 2/5/2011 | NORTH BEACH | 729 | 0 | 15 |
| 2/11/2011 | MS4 | 705 | 0 | 70 |
| 2/11/2011 | KAILUA BEACH | 658 | 0 | 70 |
| 2/11/2011 | KALAMA BEACH | 716 | 0 | 70 |
| 2/11/2011 | ONEAWA BEACH | 729 | 0 | 70 |
| 2/11/2011 | MS2 | 740 | 0 | 70 |
| 2/11/2011 | MS1 | 746 | 0 | 70 |
| 2/11/2011 | NORTH BEACH | 801 | 0 | 70 |
| 2/17/2011 | MS4 | 646 | 0 | 80 |
| 2/17/2011 | KAILUA BEACH | 638 | 0 | 80 |
| 2/17/2011 | KALAMA BEACH | 659 | 0 | 80 |
| 2/17/2011 | ONEAWA BEACH | 712 | 0 | 80 |
| 2/17/2011 | MS2 | 724 | 0 | 80 |
| 2/17/2011 | MS1 | 737 | 0 | 80 |
| 2/17/2011 | NORTH BEACH | 745 | 0 | 80 |
| 2/23/2011 | MS4 | 654 | 0 | 90 |
| 2/23/2011 | KAILUA BEACH | 646 | 0 | 90 |
| 2/23/2011 | KALAMA BEACH | 706 | 0 | 90 |
| 2/23/2011 | ONEAWA BEACH | 722 | 0 | 90 |
| 2/23/2011 | MS2 | 731 | 0 | 90 |
| 2/23/2011 | MS1 | 744 | 0 | 90 |
| 2/23/2011 | NORTH BEACH | 754 | 0 | 90 |
| 2/26/2011 | MS4 | 626 | 0 | 65 |
| 2/26/2011 | KAILUA BEACH | 614 | 0 | 65 |
| 2/26/2011 | KALAMA BEACH | 640 | 0 | 65 |
| 2/26/2011 | ONEAWA BEACH | 651 | 0 | 65 |
| 2/26/2011 | MS2 | 701 | 0 | 65 |
| 2/26/2011 | MS1 | 713 | 0 | 65 |
| 2/26/2011 | NORTH BEACH | 719 | 0 | 65 |
| 3/1/2011 | MS4 | 639 | 0 | 70 |
| 3/1/2011 | KAILUA BEACH | 631 | 0 | 70 |
| 3/1/2011 | KALAMA BEACH | 650 | 0 | 70 |
| 3/1/2011 | ONEAWA BEACH | 705 | 0 | 70 |
| 3/1/2011 | MS2 | 718 | 0 | 70 |
| 3/1/2011 | MS1 | 730 | 0 | 70 |
| 3/1/2011 | NORTH BEACH | 739 | 0 | 70 |
| 3/7/2011 | MS4 | 639 | 0 | 80 |

| | | | | |
|---|---|---|---|---|
| 3/7/2011 | KAILUA BEACH | 632 | 0 | 80 |
| 3/7/2011 | KALAMA BEACH | 650 | 0 | 80 |
| 3/7/2011 | ONEAWA BEACH | 704 | 0 | 80 |
| 3/7/2011 | MS2 | 715 | 0 | 80 |
| 3/7/2011 | MS1 | 727 | 0 | 80 |
| 3/7/2011 | NORTH BEACH | 736 | 0 | 80 |
| 3/13/2011 | MS4 | 629 | 0 | 15 |
| 3/13/2011 | KAILUA BEACH | 645 | 0 | 15 |
| 3/13/2011 | KALAMA BEACH | 658 | 0 | 15 |
| 3/13/2011 | ONEAWA BEACH | 721 | 0 | 15 |
| 3/13/2011 | MS2 | 734 | 0 | 15 |
| 3/13/2011 | MS1 | 749 | 0 | 15 |
| 3/13/2011 | NORTH BEACH | 800 | 0 | 15 |
| 3/19/2011 | MS4 | 721 | 0 | 70 |
| 3/19/2011 | KAILUA BEACH | 733 | 0 | 70 |
| 3/19/2011 | KALAMA BEACH | 759 | 0 | 70 |
| 3/19/2011 | ONEAWA BEACH | 817 | 0 | 70 |
| 3/19/2011 | MS2 | 712 | 0 | 70 |
| 3/19/2011 | MS1 | 650 | 0 | 70 |
| 3/19/2011 | NORTH BEACH | 658 | 0 | 70 |
| 3/25/2011 | MS4 | 627 | 0 | 40 |
| 3/25/2011 | KAILUA BEACH | 619 | 0 | 40 |
| 3/25/2011 | KALAMA BEACH | 639 | 0 | 40 |
| 3/25/2011 | ONEAWA BEACH | 657 | 0 | 40 |
| 3/25/2011 | MS2 | 703 | 0 | 40 |
| 3/25/2011 | MS1 | 714 | 0 | 40 |
| 3/25/2011 | NORTH BEACH | 722 | 0 | 40 |
| 3/31/2011 | MS4 | 703 | 0 | 50 |
| 3/31/2011 | KAILUA BEACH | 652 | 0 | 50 |
| 3/31/2011 | KALAMA BEACH | 722 | 0 | 50 |
| 3/31/2011 | ONEAWA BEACH | 738 | 0 | 50 |
| 3/31/2011 | MS2 | 752 | 0 | 50 |
| 3/31/2011 | MS1 | 811 | 0 | 50 |
| 3/31/2011 | NORTH BEACH | 820 | 0 | 50 |
| 4/6/2011 | MS4 | 651 | 0 | 95 |
| 4/6/2011 | KAILUA BEACH | 643 | 0 | 95 |
| 4/6/2011 | KALAMA BEACH | 702 | 0 | 95 |
| 4/6/2011 | ONEAWA BEACH | 716 | 0 | 95 |
| 4/6/2011 | MS2 | 726 | 0 | 95 |
| 4/6/2011 | MS1 | 738 | 0 | 95 |
| 4/6/2011 | NORTH BEACH | 746 | 0 | 95 |
| 4/12/2011 | MS4 | 641 | 0 | 90 |
| 4/12/2011 | KAILUA BEACH | 631 | 0 | 90 |
| 4/12/2011 | KALAMA BEACH | 656 | 0 | 90 |

| | | | | |
|---|---|---|---|---|
| 4/12/2011 | ONEAWA BEACH | 714 | 0 | 90 |
| 4/12/2011 | MS2 | 729 | 0 | 90 |
| 4/12/2011 | MS1 | 745 | 0 | 90 |
| 4/12/2011 | NORTH BEACH | 756 | 0 | 90 |
| 4/18/2011 | MS4 | 706 | 0 | 70 |
| 4/18/2011 | KAILUA BEACH | 700 | 0 | 70 |
| 4/18/2011 | KALAMA BEACH | 716 | 0 | 70 |
| 4/18/2011 | ONEAWA BEACH | 731 | 0 | 70 |
| 4/18/2011 | MS2 | 741 | 0 | 70 |
| 4/18/2011 | MS1 | 752 | 0 | 70 |
| 4/18/2011 | NORTH BEACH | 759 | 0 | 70 |
| 4/24/2011 | MS4 | 623 | 0 | 30 |
| 4/24/2011 | KAILUA BEACH | 616 | 0 | 30 |
| 4/24/2011 | KALAMA BEACH | 633 | 0 | 30 |
| 4/24/2011 | ONEAWA BEACH | 648 | 0 | 30 |
| 4/24/2011 | MS2 | 659 | 0 | 30 |
| 4/24/2011 | MS1 | 710 | 0 | 30 |
| 4/24/2011 | NORTH BEACH | 718 | 0 | 30 |
| 4/30/2011 | MS4 | 610 | 0 | 30 |
| 4/30/2011 | KAILUA BEACH | 621 | 0 | 30 |
| 4/30/2011 | KALAMA BEACH | 635 | 0 | 30 |
| 4/30/2011 | ONEAWA BEACH | 653 | 0 | 30 |
| 4/30/2011 | MS2 | 706 | 0 | 30 |
| 4/30/2011 | MS1 | 721 | 0 | 30 |
| 4/30/2011 | NORTH BEACH | 731 | 0 | 30 |
| 5/6/2011 | MS4 | 626 | 0 | 100 |
| 5/6/2011 | KAILUA BEACH | 619 | 0 | 100 |
| 5/6/2011 | KALAMA BEACH | 636 | 0 | 100 |
| 5/6/2011 | ONEAWA BEACH | 649 | 0 | 100 |
| 5/6/2011 | MS2 | 659 | 0 | 100 |
| 5/6/2011 | MS1 | 711 | 0 | 100 |
| 5/6/2011 | NORTH BEACH | 720 | 0 | 100 |
| 5/12/2011 | MS4 | 654 | 0 | 100 |
| 5/12/2011 | KAILUA BEACH | 642 | 0 | 100 |
| 5/12/2011 | KALAMA BEACH | 709 | 0 | 100 |
| 5/12/2011 | ONEAWA BEACH | 733 | 0 | 100 |
| 5/12/2011 | MS2 | 750 | 0 | 100 |
| 5/12/2011 | MS1 | 809 | 0 | 100 |
| 5/12/2011 | NORTH BEACH | 821 | 0 | 100 |
| 5/18/2011 | MS4 | 628 | 0 | 90 |
| 5/18/2011 | KAILUA BEACH | 620 | 0 | 90 |
| 5/18/2011 | KALAMA BEACH | 640 | 0 | 90 |
| 5/18/2011 | ONEAWA BEACH | 654 | 0 | 90 |
| 5/18/2011 | MS2 | 707 | 0 | 90 |

| | | | | |
|---|---|---|---|---|
| 5/18/2011 | MS1 | 720 | 0 | 90 |
| 5/18/2011 | NORTH BEACH | 728 | 0 | 90 |
| 5/24/2011 | MS4 | 630 | 0 | 40 |
| 5/24/2011 | KAILUA BEACH | 642 | 0 | 40 |
| 5/24/2011 | KALAMA BEACH | 656 | 0 | 40 |
| 5/24/2011 | ONEAWA BEACH | 711 | 0 | 40 |
| 5/24/2011 | MS2 | 723 | 0 | 40 |
| 5/24/2011 | MS1 | 740 | 0 | 40 |
| 5/24/2011 | NORTH BEACH | 751 | 0 | 40 |
| 5/30/2011 | MS4 | 624 | 0 | 80 |
| 5/30/2011 | KAILUA BEACH | 632 | 0 | 80 |
| 5/30/2011 | KALAMA BEACH | 643 | 0 | 80 |
| 5/30/2011 | ONEAWA BEACH | 656 | 0 | 80 |
| 5/30/2011 | MS2 | 706 | 0 | 80 |
| 5/30/2011 | MS1 | 718 | 0 | 80 |
| 5/30/2011 | NORTH BEACH | 725 | 0 | 80 |
| 6/5/2011 | MS4 | 638 | 0 | 60 |
| 6/5/2011 | KAILUA BEACH | 652 | 0 | 60 |
| 6/5/2011 | KALAMA BEACH | 705 | 0 | 60 |
| 6/5/2011 | ONEAWA BEACH | 723 | 0 | 60 |
| 6/5/2011 | MS2 | 739 | 0 | 60 |
| 6/5/2011 | MS1 | 755 | 0 | 60 |
| 6/5/2011 | NORTH BEACH | 808 | 0 | 60 |
| 6/11/2011 | MS4 | 556 | 0 | 70 |
| 6/11/2011 | KAILUA BEACH | 609 | 0 | 70 |
| 6/11/2011 | KALAMA BEACH | 624 | 0 | 70 |
| 6/11/2011 | ONEAWA BEACH | 642 | 0 | 70 |
| 6/11/2011 | MS2 | 656 | 0 | 70 |
| 6/11/2011 | MS1 | 711 | 0 | 70 |
| 6/11/2011 | NORTH BEACH | 724 | 0 | 70 |
| 6/17/2011 | MS4 | 626 | 0 | 75 |
| 6/17/2011 | KAILUA BEACH | 616 | 0 | 75 |
| 6/17/2011 | KALAMA BEACH | 639 | 0 | 75 |
| 6/17/2011 | ONEAWA BEACH | 652 | 0 | 75 |
| 6/17/2011 | MS2 | 702 | 0 | 75 |
| 6/17/2011 | MS1 | 714 | 0 | 75 |
| 6/17/2011 | NORTH BEACH | 934 | 0 | 75 |
| 6/23/2011 | MS4 | 645 | 0 | 90 |
| 6/23/2011 | KAILUA BEACH | 637 | 0 | 90 |
| 6/23/2011 | KALAMA BEACH | 655 | 0 | 90 |
| 6/23/2011 | ONEAWA BEACH | 709 | 0 | 90 |
| 6/23/2011 | MS2 | 719 | 0 | 90 |
| 6/23/2011 | MS1 | 731 | 0 | 90 |
| 6/23/2011 | NORTH BEACH | 742 | 0 | 90 |

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|---|---|---|---|---|
| 6/29/2011 | MS4 | 620 | 0 | 70 |
| 6/29/2011 | KAILUA BEACH | 612 | 0 | 70 |
| 6/29/2011 | KALAMA BEACH | 632 | 0 | 70 |
| 6/29/2011 | ONEAWA BEACH | 645 | 0 | 70 |
| 6/29/2011 | MS2 | 656 | 0 | 70 |
| 6/29/2011 | MS1 | 710 | 0 | 70 |
| 6/29/2011 | NORTH BEACH | 719 | 0 | 70 |
| 7/5/2011 | MS4 | 636 | 0 | 75 |
| 7/5/2011 | KAILUA BEACH | 647 | 0 | 75 |
| 7/5/2011 | KALAMA BEACH | 700 | 0 | 75 |
| 7/5/2011 | ONEAWA BEACH | 719 | 0 | 75 |
| 7/5/2011 | MS2 | 733 | 0 | 75 |
| 7/5/2011 | MS1 | 751 | 0 | 75 |
| 7/5/2011 | NORTH BEACH | 804 | 0 | 75 |
| 7/11/2011 | MS4 | 647 | 0 | 60 |
| 7/11/2011 | KAILUA BEACH | 636 | 0 | 60 |
| 7/11/2011 | KALAMA BEACH | 701 | 0 | 60 |
| 7/11/2011 | ONEAWA BEACH | 720 | 0 | 60 |
| 7/11/2011 | MS2 | 736 | 0 | 60 |
| 7/11/2011 | MS1 | 752 | 0 | 60 |
| 7/11/2011 | NORTH BEACH | 804 | 0 | 60 |
| 7/17/2011 | MS4 | 700 | 0 | 35 |
| 7/17/2011 | KAILUA BEACH | 720 | 0 | 35 |
| 7/17/2011 | KALAMA BEACH | 709 | 0 | 35 |
| 7/17/2011 | ONEAWA BEACH | 735 | 0 | 35 |
| 7/17/2011 | MS2 | 642 | 0 | 35 |
| 7/17/2011 | MS1 | 615 | 0 | 35 |
| 7/17/2011 | NORTH BEACH | 624 | 0 | 35 |
| 7/23/2011 | MS4 | 606 | 0 | 80 |
| 7/23/2011 | KAILUA BEACH | 616 | 0 | 80 |
| 7/23/2011 | KALAMA BEACH | 643 | 0 | 80 |
| 7/23/2011 | ONEAWA BEACH | 700 | 0 | 80 |
| 7/23/2011 | MS2 | 715 | 0 | 80 |
| 7/23/2011 | MS1 | 730 | 0 | 80 |
| 7/23/2011 | NORTH BEACH | 741 | 0 | 80 |
| 7/29/2011 | MS4 | 644 | 0 | 45 |
| 7/29/2011 | KAILUA BEACH | 655 | 0 | 45 |
| 7/29/2011 | KALAMA BEACH | 710 | 0 | 45 |
| 7/29/2011 | ONEAWA BEACH | 728 | 0 | 45 |
| 7/29/2011 | MS2 | 742 | 0 | 45 |
| 7/29/2011 | MS1 | 757 | 0 | 45 |
| 7/29/2011 | NORTH BEACH | 807 | 0 | 45 |
| 8/4/2011 | MS4 | 630 | 0 | 75 |
| 8/4/2011 | KAILUA BEACH | 622 | 0 | 75 |

| | | | | |
|---|---|---|---|---|
| 8/4/2011 | KALAMA BEACH | 641 | 0 | 75 |
| 8/4/2011 | ONEAWA BEACH | 656 | 0 | 75 |
| 8/4/2011 | MS2 | 707 | 0 | 75 |
| 8/4/2011 | MS1 | 721 | 0 | 75 |
| 8/4/2011 | NORTH BEACH | 740 | 0 | 75 |
| 8/10/2011 | MS4 | 630 | 0 | 80 |
| 8/10/2011 | KAILUA BEACH | 640 | 0 | 80 |
| 8/10/2011 | KALAMA BEACH | 654 | 0 | 80 |
| 8/10/2011 | ONEAWA BEACH | 712 | 0 | 80 |
| 8/10/2011 | MS2 | 725 | 0 | 80 |
| 8/10/2011 | MS1 | 746 | 0 | 80 |
| 8/10/2011 | NORTH BEACH | 757 | 0 | 80 |
| 8/16/2011 | MS4 | 636 | 0 | 55 |
| 8/16/2011 | KAILUA BEACH | 627 | 0 | 55 |
| 8/16/2011 | KALAMA BEACH | 646 | 0 | 55 |
| 8/16/2011 | ONEAWA BEACH | 659 | 0 | 55 |
| 8/16/2011 | MS2 | 710 | 0 | 55 |
| 8/16/2011 | MS1 | 735 | 0 | 55 |
| 8/16/2011 | NORTH BEACH | 726 | 0 | 55 |
| 8/22/2011 | MS4 | 645 | 0 | 85 |
| 8/22/2011 | KAILUA BEACH | 658 | 0 | 85 |
| 8/22/2011 | KALAMA BEACH | 711 | 0 | 85 |
| 8/22/2011 | ONEAWA BEACH | 730 | 0 | 85 |
| 8/22/2011 | MS2 | 745 | 0 | 85 |
| 8/22/2011 | MS1 | 800 | 0 | 85 |
| 8/22/2011 | NORTH BEACH | 815 | 0 | 85 |
| 8/28/2011 | MS4 | 621 | 0 | 60 |
| 8/28/2011 | KAILUA BEACH | 628 | 0 | 60 |
| 8/28/2011 | KALAMA BEACH | 639 | 0 | 60 |
| 8/28/2011 | ONEAWA BEACH | 652 | 0 | 60 |
| 8/28/2011 | MS2 | 703 | 0 | 60 |
| 8/28/2011 | MS1 | 713 | 0 | 60 |
| 8/28/2011 | NORTH BEACH | 721 | 0 | 60 |
| 9/3/2011 | MS4 | 608 | 0 | 60 |
| 9/3/2011 | KAILUA BEACH | 600 | 0 | 60 |
| 9/3/2011 | KALAMA BEACH | 619 | 0 | 60 |
| 9/3/2011 | ONEAWA BEACH | 632 | 0 | 60 |
| 9/3/2011 | MS2 | 641 | 0 | 60 |
| 9/3/2011 | MS1 | 653 | 0 | 60 |
| 9/3/2011 | NORTH BEACH | 701 | 0 | 60 |
| 9/9/2011 | MS4 | 707 | 0 | 65 |
| 9/9/2011 | KAILUA BEACH | 654 | 0 | 65 |
| 9/9/2011 | KALAMA BEACH | 721 | 0 | 65 |
| 9/9/2011 | ONEAWA BEACH | 738 | 0 | 65 |

| | | | | |
|---|---|---|---|---|
| 9/9/2011 | MS2 | 757 | 0 | 65 |
| 9/9/2011 | MS1 | 815 | 0 | 65 |
| 9/9/2011 | NORTH BEACH | 826 | 0 | 65 |
| 9/15/2011 | MS4 | 633 | 0 | 80 |
| 9/15/2011 | KAILUA BEACH | 625 | 0 | 80 |
| 9/15/2011 | KALAMA BEACH | 645 | 0 | 80 |
| 9/15/2011 | ONEAWA BEACH | 659 | 0 | 80 |
| 9/15/2011 | MS2 | 707 | 0 | 80 |
| 9/15/2011 | MS1 | 721 | 0 | 80 |
| 9/15/2011 | NORTH BEACH | 731 | 0 | 80 |
| 9/21/2011 | MS4 | 654 | 0 | 40 |
| 9/21/2011 | KAILUA BEACH | 643 | 0 | 40 |
| 9/21/2011 | KALAMA BEACH | 706 | 0 | 40 |
| 9/21/2011 | ONEAWA BEACH | 719 | 0 | 40 |
| 9/21/2011 | MS2 | 730 | 0 | 40 |
| 9/21/2011 | MS1 | 742 | 0 | 40 |
| 9/21/2011 | NORTH BEACH | 749 | 0 | 40 |
| 9/27/2011 | MS4 | 653 | 0 | 30 |
| 9/27/2011 | KAILUA BEACH | 644 | 0 | 30 |
| 9/27/2011 | KALAMA BEACH | 704 | 0 | 30 |
| 9/27/2011 | ONEAWA BEACH | 718 | 0 | 30 |
| 9/27/2011 | MS2 | 819 | 0 | 30 |
| 9/27/2011 | MS1 | 732 | 0 | 30 |
| 9/27/2011 | NORTH BEACH | 740 | 0 | 30 |
| 10/3/2011 | MS4 | 656 | 0 | 30 |
| 10/3/2011 | KAILUA BEACH | 647 | 0 | 30 |
| 10/3/2011 | KALAMA BEACH | 710 | 0 | 30 |
| 10/3/2011 | ONEAWA BEACH | 725 | 0 | 30 |
| 10/3/2011 | MS2 | 736 | 0 | 30 |
| 10/3/2011 | MS1 | 750 | 0 | 30 |
| 10/3/2011 | NORTH BEACH | 802 | 0 | 30 |
| 10/9/2011 | MS4 | 616 | 0 | 75 |
| 10/9/2011 | KAILUA BEACH | 608 | 0 | 75 |
| 10/9/2011 | KALAMA BEACH | 627 | 0 | 75 |
| 10/9/2011 | ONEAWA BEACH | 640 | 0 | 75 |
| 10/9/2011 | MS2 | 650 | 0 | 75 |
| 10/9/2011 | MS1 | 702 | 0 | 75 |
| 10/9/2011 | NORTH BEACH | 710 | 0 | 75 |
| 10/15/2011 | MS4 | 644 | 0 | 45 |
| 10/15/2011 | KAILUA BEACH | 657 | 0 | 45 |
| 10/15/2011 | KALAMA BEACH | 715 | 0 | 45 |
| 10/15/2011 | ONEAWA BEACH | 732 | 0 | 45 |
| 10/15/2011 | MS2 | 744 | 0 | 45 |
| 10/15/2011 | MS1 | 801 | 0 | 45 |

| | | | | |
|---|---|---|---|---|
| 10/15/2011 | NORTH BEACH | 812 | 0 | 45 |
| 10/21/2011 | MS4 | 642 | 0 | 80 |
| 10/21/2011 | KAILUA BEACH | 634 | 0 | 80 |
| 10/21/2011 | KALAMA BEACH | 652 | 0 | 80 |
| 10/21/2011 | ONEAWA BEACH | 706 | 0 | 80 |
| 10/21/2011 | MS2 | 716 | 0 | 80 |
| 10/21/2011 | MS1 | 731 | 0 | 80 |
| 10/21/2011 | NORTH BEACH | 740 | 0 | 80 |
| 10/27/2011 | MS4 | 617 | 0 | 85 |
| 10/27/2011 | KAILUA BEACH | 631 | 0 | 85 |
| 10/27/2011 | KALAMA BEACH | 647 | 0 | 85 |
| 10/27/2011 | ONEAWA BEACH | 706 | 0 | 85 |
| 10/27/2011 | MS2 | 722 | 0 | 85 |
| 10/27/2011 | MS1 | 736 | 0 | 85 |
| 10/27/2011 | NORTH BEACH | 751 | 0 | 85 |
| 11/2/2011 | MS4 | 652 | 0 | 55 |
| 11/2/2011 | KAILUA BEACH | 643 | 0 | 55 |
| 11/2/2011 | KALAMA BEACH | 703 | 0 | 55 |
| 11/2/2011 | ONEAWA BEACH | 716 | 0 | 55 |
| 11/2/2011 | MS2 | 719 | 0 | 55 |
| 11/2/2011 | MS1 | 736 | 0 | 55 |
| 11/2/2011 | NORTH BEACH | 747 | 0 | 55 |
| 11/8/2011 | MS4 | 702 | 0 | 35 |
| 11/8/2011 | KAILUA BEACH | 715 | 0 | 35 |
| 11/8/2011 | KALAMA BEACH | 731 | 0 | 35 |
| 11/8/2011 | ONEAWA BEACH | 748 | 0 | 35 |
| 11/8/2011 | MS2 | 801 | 0 | 35 |
| 11/8/2011 | MS1 | 815 | 0 | 35 |
| 11/8/2011 | NORTH BEACH | 827 | 0 | 35 |
| 11/14/2011 | MS4 | 636 | 0 | 45 |
| 11/14/2011 | KAILUA BEACH | 629 | 0 | 45 |
| 11/14/2011 | KALAMA BEACH | 647 | 0 | 45 |
| 11/14/2011 | ONEAWA BEACH | 700 | 0 | 45 |
| 11/14/2011 | MS2 | 711 | 0 | 45 |
| 11/14/2011 | MS1 | 721 | 0 | 45 |
| 11/14/2011 | NORTH BEACH | 731 | 0 | 45 |
| 11/20/2011 | MS4 | 626 | 0 | 70 |
| 11/20/2011 | KAILUA BEACH | 619 | 0 | 70 |
| 11/20/2011 | KALAMA BEACH | 637 | 0 | 70 |
| 11/20/2011 | ONEAWA BEACH | 651 | 0 | 70 |
| 11/20/2011 | MS2 | 702 | 0 | 70 |
| 11/20/2011 | MS1 | 712 | 0 | 70 |
| 11/20/2011 | NORTH BEACH | 721 | 0 | 70 |
| 11/26/2011 | MS4 | 627 | 0 | 20 |

| | | | | |
|---|---|---|---|---|
| 11/26/2011 | KAILUA BEACH | 638 | 0 | 20 |
| 11/26/2011 | KALAMA BEACH | 652 | 0 | 20 |
| 11/26/2011 | ONEAWA BEACH | 706 | 0 | 20 |
| 11/26/2011 | MS2 | 720 | 0 | 20 |
| 11/26/2011 | MS1 | 736 | 0 | 20 |
| 11/26/2011 | NORTH BEACH | 748 | 0 | 20 |
| 12/2/2011 | MS4 | 700 | 0 | 45 |
| 12/2/2011 | KAILUA BEACH | 652 | 0 | 45 |
| 12/2/2011 | KALAMA BEACH | 711 | 0 | 45 |
| 12/2/2011 | ONEAWA BEACH | 727 | 0 | 45 |
| 12/2/2011 | MS2 | 740 | 0 | 45 |
| 12/2/2011 | MS1 | 753 | 0 | 45 |
| 12/2/2011 | NORTH BEACH | 801 | 0 | 45 |
| 12/8/2011 | MS4 | 643 | 0 | 40 |
| 12/8/2011 | KAILUA BEACH | 655 | 0 | 40 |
| 12/8/2011 | KALAMA BEACH | 709 | 0 | 40 |
| 12/8/2011 | ONEAWA BEACH | 725 | 0 | 40 |
| 12/8/2011 | MS2 | 739 | 0 | 40 |
| 12/8/2011 | MS1 | 756 | 0 | 40 |
| 12/8/2011 | NORTH BEACH | 808 | 0 | 40 |
| 12/14/2011 | MS4 | 705 | 0 | 70 |
| 12/14/2011 | KAILUA BEACH | 652 | 0 | 70 |
| 12/14/2011 | KALAMA BEACH | 727 | 0 | 70 |
| 12/14/2011 | ONEAWA BEACH | 748 | 0 | 70 |
| 12/14/2011 | MS2 | 805 | 0 | 70 |
| 12/14/2011 | MS1 | 822 | 0 | 70 |
| 12/14/2011 | NORTH BEACH | 835 | 0 | 70 |
| 12/20/2011 | MS4 | 709 | 0 | 85 |
| 12/20/2011 | KAILUA BEACH | 657 | 0 | 85 |
| 12/20/2011 | KALAMA BEACH | 724 | 0 | 85 |
| 12/20/2011 | ONEAWA BEACH | 744 | 0 | 85 |
| 12/20/2011 | MS2 | 800 | 0 | 85 |
| 12/20/2011 | MS1 | 816 | 0 | 85 |
| 12/20/2011 | NORTH BEACH | 829 | 0 | 85 |
| 12/26/2011 | MS4 | 649 | 0 | 70 |
| 12/26/2011 | KAILUA BEACH | 702 | 0 | 70 |
| 12/26/2011 | KALAMA BEACH | 718 | 0 | 70 |
| 12/26/2011 | ONEAWA BEACH | 736 | 0 | 70 |
| 12/26/2011 | MS2 | 751 | 0 | 70 |
| 12/26/2011 | MS1 | 811 | 0 | 70 |
| 12/26/2011 | NORTH BEACH | 822 | 0 | 70 |

| Tide hgt (ft) | Tide stage (0154) | Odor Floatable n/p | Wind low (m/h) | Wind high (m/h) | Wind dir (deg) | Water color (0394) | Wea-ther (0108) | Sea state (0109) | Wave hgt (0362) | Wave direction. (se) | Fecal Coliform (No./100ml) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.3 | 1 | N | 8 | 10 | N | 2 | 2 | 2 | 1 | | |
| 1.3 | 1 | N | 8 | 10 | N | 2 | 2 | 2 | 1 | | |
| 1.2 | 1 | N | 1 | 2 | N | 2 | 2 | 2 | 1 | | |
| 1.1 | 1 | N | 4 | 5 | NW | 4 | 2 | 2 | 1 | | |
| 1 | 1 | N | 1 | 2 | N | 6 | 2 | 1 | 0 | | |
| 0.8 | 1 | N | 3 | 4 | N | 2 | 1 | 2 | 1 | | |
| 0.8 | 1 | N | 9 | 10 | N | 2 | 2 | 3 | 2 | | |
| 1 | 1 | N | 0 | 2 | S | 3 | 5 | 1 | 1 | | |
| 1 | 1 | N | 1 | 3 | S | 2 | 5 | 1 | 1 | | |
| 1 | 1 | N | 0 | 1 | S | 3 | 1 | 1 | 1 | | |
| 0.9 | 1 | N | 1 | 2 | W | 3 | 5 | 1 | 1 | | |
| 0.9 | 1 | N | 0 | 1 | SW | 6 | 5 | 1 | 0 | | |
| 0.9 | 1 | N | 13 | 15 | SE | 6 | 5 | 1 | 1 | | |
| 0.9 | 1 | N | 0 | 2 | SW | 2 | 6 | 2 | 1 | | |
| 0.3 | 1 | N | 1 | 2 | S | 3 | 1 | 1 | 1 | | |
| 0.4 | 1 | N | 1 | 3 | S | 3 | 1 | 1 | 1 | | |
| 0.2 | 1 | N | 0 | 1 | SW | 3 | 1 | 1 | 1 | | |
| 0.1 | 1 | N | 1 | 2 | SW | 3 | 1 | 1 | 1 | | |
| 0.1 | 1 | N | 2 | 3 | SW | 6 | 1 | 1 | 0 | | |
| 0.1 | 1 | N | 0 | 1 | SW | 2 | 1 | 2 | 1 | | |
| 0.1 | 1 | N | 0 | 1 | S | 1 | 1 | 2 | 1 | | |
| 1.5 | 1 | N | 13 | 14 | NE | 2 | 1 | 2 | 0 | | |
| 1.5 | 1 | N | 12 | 14 | NE | 2 | 1 | 2 | 0 | | |
| 1.4 | 1 | N | 10 | 11 | NE | 2 | 5 | 2 | 0 | | |
| 1.3 | 1 | N | 12 | 14 | NE | 2 | 1 | 2 | 0 | | |
| 1.3 | 1 | N | 2 | 3 | NE | 5 | 1 | 1 | 0 | | |
| 1.2 | 1 | N | 13 | 14 | NE | 2 | 1 | 2 | 0 | | |
| 1.2 | 1 | N | 4 | 5 | N | 2 | 1 | 2 | 0 | | |
| 0.3 | 1 | N | 0 | 1 | S | 3 | 0 | 1 | 0 | | |
| 0.2 | 1 | N | 0 | 1 | SW | 2 | 0 | 0 | 0 | | |
| 0.2 | 1 | N | 0 | 1 | SW | 3 | 0 | 2 | 1 | | |
| 0.2 | 1 | N | 0 | 1 | W | 4 | 0 | 2 | 1 | | |
| 0.1 | 2 | N | 0 | 1 | N | 6 | 0 | 1 | 0 | | |
| 0.1 | 2 | N | 1 | 2 | NW | 3 | 0 | 2 | 1 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.1 | 2 | N | 0 | 1 | NE | 3 | 0 | 2 | 1 |
| 1.1 | 1 | N | 1 | 2 | SW | 2 | 0 | 2 | 0 |
| 1.1 | 1 | N | 1 | 2 | SW | 2 | 0 | 2 | 0 |
| 1 | 1 | N | 1 | 2 | SW | 2 | 0 | 1 | 0 |
| 0.9 | 1 | N | 3 | 4 | SW | 2 | 0 | 1 | 0 |
| 0.8 | 1 | N | 0 | 1 | W | 4 | 1 | 1 | 0 |
| 0.8 | 1 | N | 1 | 2 | W | 1 | 1 | 1 | 0 |
| 0.7 | 1 | N | 1 | 2 | S | 1 | 1 | 1 | 0 |
| 0.6 | 3 | N | 1 | 2 | SW | 2 | 2 | 1 | 0 |
| 0.6 | 3 | N | 0 | 1 | W | 2 | 2 | 1 | 0 |
| 0.6 | 3 | N | 0 | 1 | SW | 2 | 1 | 1 | 0 |
| 0.6 | 4 | N | 1 | 2 | SW | 2 | 5 | 1 | 0 |
| 0.6 | 4 | N | 0 | 1 | SW | 4 | 5 | 1 | 0 |
| 0.6 | 4 | N | 2 | 3 | SW | 1 | 5 | 1 | 0 |
| 0.6 | 1 | N | 2 | 3 | SW | 1 | 6 | 2 | 0 |
| 0.2 | 1 | N | 1 | 2 | NE | 3 | 1 | 1 | 1 |
| 0.2 | 1 | N | 0 | 1 | SE | 3 | 1 | 1 | 1 |
| 0.1 | 1 | N | 6 | 7 | E | 3 | 1 | 2 | 1 |
| 0.1 | 1 | N | 4 | 5 | E | 6 | 1 | 2 | 1 |
| 0 | 1 | N | 0 | 1 | E | 6 | 1 | 1 | 0 |
| 0 | 1 | N | 4 | 5 | E | 2 | 1 | 2 | 1 |
| 0 | 1 | N | 0 | 1 | NE | 2 | 1 | 2 | 2 |
| 0.7 | 1 | N | 11 | 13 | NE | 2 | 1 | 2 | 1 |
| 0.8 | 1 | N | 10 | 11 | E | 2 | 1 | 2 | 1 |
| 0.7 | 1 | N | 10 | 12 | E | 2 | 1 | 2 | 1 |
| 0.7 | 1 | N | 7 | 9 | E | 4 | 1 | 2 | 1 |
| 0.7 | 1 | N | 4 | 5 | E | 6 | 1 | 1 | 0 |
| 0.6 | 1 | N | 10 | 12 | E | 2 | 1 | 2 | 1 |
| 0.6 | 1 | N | 2 | 4 | E | 2 | 1 | 2 | 1 |
| 0.2 | 2 | N | 1 | 2 | SW | 2 | 1 | 2 | 0 |
| 0.2 | 2 | N | 1 | 2 | S | 2 | 1 | 1 | 0 |
| 0.2 | 3 | N | 1 | 2 | SW | 2 | 1 | 2 | 0 |
| 0.2 | 3 | N | 1 | 2 | SW | 4 | 1 | 2 | 0 |
| 0.2 | 3 | N | 0 | 1 | W | 5 | 1 | 1 | 0 |
| 0.2 | 3 | N | 3 | 4 | W | 1 | 1 | 1 | 0 |
| 0.2 | 2 | N | 1 | 2 | W | 2 | 1 | 2 | 0 |
| 0.1 | 1 | N | 2 | 3 | S | 2 | 1 | 1 | 1 |
| 0.1 | 1 | N | 1 | 2 | SE | 2 | 1 | 1 | 1 |
| 0.1 | 1 | N | 1 | 2 | SW | 2 | 1 | 1 | 1 |
| 0.1 | 1 | N | 1 | 2 | SW | 4 | 1 | 1 | 1 |
| 0 | 1 | N | 2 | 3 | SW | 6 | 1 | 1 | 0 |
| 0 | 1 | N | 2 | 3 | W | 2 | 1 | 2 | 1 |
| 0 | 2 | N | 1 | 2 | NW | 2 | 1 | 2 | 2 |
| 0.6 | 1 | N | 15 | 17 | NE | 2 | 1 | 2 | 0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.7 | 1 | N | 10 | 12 | NE | 2 | 1 | 2 | 0 |
| 0.6 | 1 | N | 10 | 11 | NE | 4 | 1 | 2 | 0 |
| 0.5 | 1 | N | 10 | 12 | NE | 4 | 5 | 2 | 0 |
| 0.5 | 1 | N | 4 | 5 | NE | 4 | 5 | 1 | 0 |
| 0.4 | 1 | N | 10 | 12 | NE | 2 | 6 | 1 | 0 |
| 0.4 | 1 | N | 6 | 7 | NE | 1 | 1 | 2 | 0 |
| 0.3 | 3 | N | 5 | 8 | NE | 2 | 1 | 1 | 0 |
| 0.3 | 3 | N | 7 | 8 | E | 3 | 1 | 1 | 0 |
| 0.3 | 3 | N | 6 | 7 | E | 4 | 1 | 2 | 1 |
| 0.4 | 3 | N | 7 | 9 | E | 6 | 1 | 2 | 1 |
| 0.4 | 3 | N | 1 | 3 | NE | 6 | 1 | 0 | 0 |
| 0.4 | 3 | N | 11 | 12 | E | 3 | 1 | 2 | 1 |
| 0.5 | 3 | N | 1 | 2 | E | 2 | 1 | 3 | 2 |
| -0.3 | 1 | N | 9 | 10 | NE | 3 | 1 | 2 | 1 |
| -0.3 | 1 | N | 12 | 13 | NE | 3 | 1 | 2 | 1 |
| -0.3 | 1 | N | 12 | 13 | NE | 3 | 1 | 2 | 1 |
| -0.3 | 1 | N | 15 | 16 | NE | 5 | 1 | 2 | 1 |
| -0.2 | 1 | N | 3 | 4 | N | 1 | 1 | 0 | 0 |
| 0 | 1 | N | 14 | 15 | NE | 3 | 1 | 2 | 1 |
| -0.1 | 1 | N | 9 | 10 | N | 3 | 1 | 2 | 1 |
| 0.4 | 3 | N | 11 | 12 | NE | 2 | 1 | 2 | 0 |
| 0.4 | 3 | N | 10 | 12 | NE | 2 | 1 | 2 | 0 |
| 0.4 | 3 | N | 12 | 14 | NE | 2 | 1 | 2 | 0 |
| 0.4 | 3 | N | 12 | 14 | NE | 2 | 1 | 2 | 0 |
| 0.4 | 4 | N | 2 | 3 | E | 3 | 1 | 1 | 0 |
| 0.4 | 4 | N | 14 | 16 | NE | 1 | 1 | 1 | 0 |
| 0.4 | 4 | N | 12 | 14 | N | 2 | 1 | 2 | 0 |
| -0.1 | 2 | N | 7 | 10 | E | 3 | 1 | 1 | 1 |
| -0.1 | 1 | N | 10 | 13 | E | 2 | 1 | 1 | 1 |
| -0.1 | 2 | N | 11 | 13 | E | 2 | 1 | 2 | 1 |
| 0 | 3 | N | 9 | 13 | E | 4 | 1 | 2 | 1 |
| 0 | 3 | N | 4 | 7 | NE | 2 | 1 | 1 | 0 |
| 0 | 3 | N | 11 | 14 | E | 2 | 1 | 2 | 1 |
| 0 | 3 | N | 0 | 1 | E | 1 | 1 | 2 | 1 |
| 0.2 | 1 | N | 14 | 15 | NE | 2 | 2 | 2 | 0 |
| 0.2 | 1 | N | 6 | 7 | NE | 2 | 2 | 2 | 0 |
| 0.1 | 1 | N | 11 | 12 | NE | 2 | 2 | 2 | 0 |
| 0.1 | 1 | N | 10 | 11 | NE | 2 | 2 | 2 | 0 |
| 0 | 1 | N | 2 | 3 | E | 3 | 1 | 1 | 0 |
| 0 | 1 | N | 9 | 10 | E | 1 | 1 | 1 | 0 |
| 0 | 1 | N | 3 | 4 | NW | 2 | 1 | 2 | 0 |
| 0.2 | 3 | N | 11 | 13 | NE | 2 | 1 | 1 | 1 |
| 0.1 | 3 | N | 10 | 12 | NE | 2 | 1 | 1 | 1 |
| 0.2 | 3 | N | 9 | 12 | E | 2 | 1 | 2 | 1 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.3 | 3 | N | 10 | 12 | E | 3 | 1 | 2 | 1 |
| 0.3 | 3 | N | 2 | 10 | NE | 2 | 1 | 1 | 0 |
| 0.4 | 3 | N | 10 | 14 | E | 2 | 1 | 2 | 1 |
| 0.4 | 3 | N | 1 | 3 | NE | 1 | 1 | 2 | 1 |
| -0.3 | 1 | N | 2 | 3 | NE | 2 | 1 | 2 | 0 |
| -0.3 | 1 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 |
| -0.4 | 1 | N | 5 | 6 | NE | 2 | 1 | 1 | 0 |
| -0.4 | 1 | N | 5 | 6 | NE | 2 | 1 | 1 | 0 |
| -0.5 | 1 | N | 0 | 1 | NE | 2 | 1 | 0 | 0 |
| -0.5 | 1 | N | 5 | 6 | NE | 1 | 1 | 1 | 0 |
| -0.5 | 1 | N | 0 | 1 | NW | 2 | 1 | 1 | 0 |
| 0.3 | 3 | N | 5 | 7 | NE | 2 | 1 | 2 | 0 |
| 0.3 | 3 | N | 6 | 7 | NE | 2 | 1 | 2 | 0 |
| 0.3 | 3 | N | 6 | 7 | NE | 2 | 1 | 2 | 0 |
| 0.3 | 3 | N | 7 | 8 | NE | 2 | 1 | 2 | 0 |
| 0.4 | 3 | N | 1 | 2 | NE | 4 | 1 | 1 | 0 |
| 0.4 | 3 | N | 10 | 11 | NE | 1 | 1 | 1 | 0 |
| 0.4 | 3 | N | 1 | 2 | NW | 1 | 1 | 1 | 0 |
| -0.2 | 1 | N | 4 | 7 | NE | 2 | 1 | 1 | 0 |
| -0.2 | 1 | N | 5 | 6 | E | 2 | 1 | 1 | 0 |
| -0.2 | 1 | N | 4 | 5 | E | 2 | 1 | 1 | 0 |
| -0.2 | 2 | N | 5 | 7 | E | 3 | 1 | 1 | 0 |
| -0.2 | 2 | N | 0 | 2 | NE | 2 | 1 | 1 | 0 |
| -0.2 | 2 | N | 6 | 8 | E | 3 | 1 | 1 | 0 |
| -0.2 | 3 | N | 0 | 1 | NE | 2 | 1 | 1 | 1 |
| 0.3 | 1 | N | 14 | 15 | NE | 2 | 5 | 2 | 1 |
| 0.3 | 1 | N | 14 | 15 | NE | 2 | 5 | 3 | 1 |
| 0.3 | 1 | N | 7 | 8 | NE | 2 | 5 | 3 | 2 |
| 0.3 | 1 | N | 11 | 12 | NE | 3 | 5 | 2 | 1 |
| 0.3 | 1 | N | 1 | 2 | NE | 4 | 5 | 1 | 0 |
| 0.2 | 1 | N | 14 | 15 | NE | 2 | 2 | 3 | 2 |
| 0.2 | 1 | N | 2 | 3 | NE | 2 | 2 | 2 | 1 |
| 0.3 | 3 | N | 6 | 9 | E | 3 | 2 | 1 | 1 |
| 0.2 | 3 | N | 9 | 11 | E | 2 | 2 | 1 | 1 |
| 0.4 | 3 | N | 9 | 11 | E | 2 | 2 | 1 | 1 |
| 0.5 | 3 | N | 8 | 11 | E | 4 | 2 | 2 | 1 |
| 0.6 | 3 | N | 0 | 3 | NE | 4 | 2 | 1 | 0 |
| 0.8 | 3 | N | 6 | 9 | E | 2 | 1 | 2 | 1 |
| 0.8 | 3 | N | 0 | 3 | NE | 1 | 1 | 1 | 0 |
| -0.2 | 1 | N | 3 | 4 | SW | 2 | 5 | 1 | 0 |
| -0.1 | 1 | N | 0 | 1 | W | 2 | 5 | 1 | 1 |
| -0.2 | 1 | N | 0 | 1 | SW | 2 | 1 | 1 | 1 |
| -0.3 | 1 | N | 0 | 1 | SW | 3 | 1 | 1 | 1 |
| -0.3 | 1 | N | 0 | 1 | SW | 4 | 1 | 1 | 0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| -0.3 | 1 | N | 3 | 4 | W | 2 | 1 | 2 | 1 |
| -0.4 | 1 | N | 2 | 3 | W | 2 | 1 | 1 | 0 |
| 0.4 | 3 | N | 14 | 16 | NE | 3 | 1 | 1 | 0 |
| 0.5 | 3 | N | 12 | 15 | NE | 3 | 1 | 1 | 0 |
| 0.6 | 3 | N | 9 | 12 | NE | 2 | 1 | 1 | 0 |
| 0.6 | 3 | N | 9 | 12 | NE | 3 | 1 | 1 | 0 |
| 0.6 | 3 | N | 2 | 5 | NE | 2 | 1 | 1 | 0 |
| 0.7 | 3 | N | 12 | 14 | NE | 2 | 1 | 1 | 1 |
| 0.7 | 3 | N | 6 | 8 | NE | 2 | 1 | 1 | 1 |
| -0.2 | 3 | N | 14 | 17 | NE | 3 | 1 | 1 | 1 |
| -0.2 | 3 | N | 10 | 12 | NE | 3 | 1 | 1 | 1 |
| -0.2 | 3 | N | 10 | 12 | NE | 3 | 1 | 2 | 1 |
| -0.1 | 3 | N | 10 | 13 | NE | 3 | 1 | 2 | 1 |
| -0.1 | 3 | N | 3 | 5 | N | 3 | 1 | 1 | 0 |
| -0.1 | 3 | N | 7 | 9 | NE | 2 | 1 | 2 | 1 |
| -0.1 | 3 | N | 1 | 3 | N | 2 | 1 | 2 | 1 |
| 0.4 | 1 | N | 1 | 2 | S | 4 | 1 | 1 | 0 |
| 0.4 | 1 | N | 0 | 1 | S | 3 | 1 | 1 | 0 |
| 0.3 | 1 | N | 0 | 1 | S | 3 | 1 | 1 | 0 |
| 0.3 | 1 | N | 0 | 1 | SW | 4 | 1 | 1 | 0 |
| 0.2 | 1 | N | 0 | 1 | SW | 6 | 1 | 1 | 0 |
| 0.2 | 1 | N | 0 | 1 | NW | 4 | 1 | 1 | 1 |
| 0.1 | 1 | N | 0 | 1 | NW | 6 | 1 | 1 | 1 |
| -0.1 | 3 | N | 10 | 13 | NE | 2 | 1 | 2 | 1 |
| 0 | 3 | N | 10 | 13 | NE | 2 | 1 | 1 | 0 |
| 0.1 | 3 | N | 12 | 14 | NE | 3 | 1 | 3 | 1 |
| 0.2 | 3 | N | 10 | 12 | NE | 3 | 1 | 3 | 1 |
| 0.3 | 3 | N | 3 | 4 | NE | 1 | 1 | 0 | 0 |
| 0.4 | 3 | N | 13 | 15 | E | 3 | 1 | 3 | 1 |
| 0.5 | 3 | N | 6 | 9 | NE | 3 | 1 | 2 | 1 |
| 0.1 | 1 | N | 10 | 12 | NE | 2 | 1 | 1 | 0 |
| 0.2 | 1 | N | 9 | 10 | NE | 2 | 1 | 1 | 0 |
| 0 | 1 | N | 7 | 8 | NE | 2 | 1 | 2 | 0 |
| 0 | 1 | N | 7 | 9 | E | 2 | 1 | 1 | 0 |
| 0 | 1 | N | 2 | 3 | E | 3 | 1 | 1 | 0 |
| -0.1 | 1 | N | 10 | 12 | NE | 1 | 1 | 1 | 0 |
| -0.1 | 3 | N | 6 | 7 | NE | 2 | 1 | 2 | 0 |
| 0.9 | 3 | N | 11 | 12 | NE | 2 | 1 | 2 | 0 |
| 0.9 | 3 | N | 9 | 10 | NE | 2 | 1 | 1 | 0 |
| 0.9 | 3 | N | 11 | 12 | NE | 2 | 6 | 2 | 0 |
| 1 | 3 | N | 12 | 13 | NE | 2 | 5 | 1 | 0 |
| 1 | 3 | N | 3 | 4 | NE | 4 | 5 | 1 | 0 |
| 1.1 | 3 | N | 10 | 12 | NE | 1 | 5 | 1 | 0 |
| 1.1 | 3 | N | 9 | 11 | NE | 1 | 6 | 2 | 0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| -0.2 | 2 | N | 10 | 12 | NE | 2 | 1 | 2 | 0 |
| -0.2 | 2 | N | 9 | 10 | NE | 2 | 1 | 2 | 1 |
| -0.2 | 2 | N | 10 | 12 | NE | 2 | 1 | 2 | 1 |
| -0.2 | 3 | N | 10 | 12 | NE | 3 | 1 | 2 | 1 |
| -0.2 | 3 | N | 0 | 1 | NE | 4 | 1 | 1 | 0 |
| -0.1 | 3 | N | 8 | 10 | NE | 2 | 1 | 2 | 1 |
| -0.1 | 3 | N | 10 | 12 | NE | 2 | 1 | 1 | 0 |
| 1 | 1 | N | 8 | 10 | NE | 1 | 1 | 1 | 0 |
| 1 | 1 | N | 9 | 10 | NE | 2 | 1 | 1 | 0 |
| 0.9 | 1 | N | 9 | 10 | NE | 3 | 5 | 2 | 1 |
| 0.9 | 1 | N | 14 | 15 | NE | 3 | 5 | 2 | 1 |
| 0.9 | 1 | N | 2 | 3 | NE | 1 | 2 | 0 | 0 |
| 0.9 | 1 | N | 4 | 5 | NE | 1 | 1 | 2 | 1 |
| 0.8 | 1 | N | 4 | 5 | NE | 1 | 1 | 1 | 0 |
| 0.1 | 3 | N | 9 | 11 | NE | 3 | 1 | 1 | 1 |
| 0 | 3 | N | 6 | 10 | NE | 3 | 1 | 1 | 1 |
| 0.2 | 3 | N | 8 | 11 | NE | 3 | 5 | 2 | 1 |
| 0.3 | 3 | N | 9 | 10 | NE | 3 | 1 | 2 | 1 |
| 0.4 | 3 | N | 1 | 3 | NE | 1 | 1 | 1 | 0 |
| 0.5 | 3 | N | 6 | 8 | NE | 2 | 1 | 2 | 1 |
| 0.6 | 3 | N | 1 | 3 | NE | 2 | 1 | 2 | 1 |
| 0.4 | 1 | N | 5 | 6 | NE | 3 | 1 | 2 | 1 |
| 0.4 | 1 | N | 6 | 7 | NE | 3 | 1 | 2 | 1 |
| 0.4 | 1 | N | 3 | 4 | NE | 3 | 1 | 2 | 1 |
| 0.4 | 1 | N | 5 | 6 | NE | 3 | 1 | 2 | 1 |
| 0.5 | 1 | N | 1 | 2 | N | 1 | 1 | 0 | 0 |
| 0.6 | 1 | N | 12 | 13 | NE | 3 | 1 | 2 | 1 |
| 0.5 | 1 | N | 6 | 7 | NE | 3 | 1 | 2 | 1 |
| 0.9 | 3 | N | 8 | 9 | NE | 3 | 1 | 2 | 1 |
| 1 | 3 | N | 10 | 12 | NE | 3 | 1 | 2 | 1 |
| 1.1 | 3 | N | 8 | 11 | NE | 3 | 1 | 3 | 1 |
| 1.1 | 3 | N | 8 | 12 | NE | 3 | 1 | 3 | 1 |
| 1.2 | 3 | N | 0 | 1 | NE | 4 | 1 | 1 | 0 |
| 1.3 | 3 | N | 10 | 12 | E | 3 | 1 | 3 | 1 |
| 1.3 | 3 | N | 1 | 2 | NE | 3 | 1 | 3 | 2 |
| -0.2 | 2 | N | 6 | 8 | E | 3 | 1 | 1 | 0 |
| -0.2 | 2 | N | 9 | 11 | E | 2 | 1 | 1 | 0 |
| -0.2 | 3 | N | 7 | 9 | E | 2 | 1 | 1 | 0 |
| -0.1 | 3 | N | 8 | 10 | E | 3 | 1 | 1 | 0 |
| -0.1 | 3 | N | 1 | 2 | E | 2 | 1 | 1 | 0 |
| 0 | 3 | N | 8 | 10 | E | 2 | 1 | 1 | 1 |
| 0 | 3 | N | 1 | 2 | N | 4 | 1 | 1 | 1 |
| 1.6 | 4 | N | 11 | 13 | NE | 2 | 1 | 2 | 0 |
| 1.6 | 3 | N | 9 | 10 | E | 2 | 1 | 2 | 1 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1.6 | 4 | N | 10 | 11 | NE | 2 | 1 | 2 | 1 |
| 1.6 | 1 | N | 9 | 11 | E | 2 | 1 | 2 | 1 |
| 1.6 | 1 | N | 0 | 1 | E | 3 | 1 | 1 | 0 |
| 1.6 | 1 | N | 14 | 15 | E | 2 | 1 | 3 | 1 |
| 1.5 | 1 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 |
| 0.1 | 3 | N | 11 | 12 | NE | 3 | 1 | 1 | 0 |
| 0.1 | 3 | N | 9 | 11 | NE | 3 | 1 | 1 | 0 |
| 0.1 | 3 | N | 8 | 9 | NE | 3 | 1 | 2 | 1 |
| 0.2 | 3 | N | 9 | 10 | NE | 3 | 1 | 2 | 1 |
| 0.3 | 3 | N | 3 | 5 | NE | 1 | 1 | 0 | 0 |
| 0.4 | 3 | N | 10 | 12 | NE | 3 | 1 | 2 | 1 |
| 0.5 | 3 | N | 3 | 5 | N | 3 | 1 | 2 | 1 |
| 1 | 1 | N | 12 | 13 | NE | 2 | 1 | 2 | 0 |
| 1 | 1 | N | 10 | 11 | NE | 2 | 1 | 2 | 0 |
| 0.9 | 1 | N | 9 | 10 | NE | 2 | 1 | 2 | 0 |
| 0.9 | 1 | N | 10 | 11 | NE | 2 | 1 | 2 | 0 |
| 0.8 | 1 | N | 3 | 4 | NE | 4 | 1 | 1 | 0 |
| 0.8 | 1 | N | 10 | 12 | NE | 2 | 1 | 1 | 0 |
| 0.8 | 1 | N | 3 | 4 | NW | 2 | 1 | 1 | 0 |
| 1.2 | 3 | N | 7 | 8 | NE | 3 | 1 | 1 | 0 |
| 1.3 | 3 | N | 7 | 8 | NE | 2 | 1 | 1 | 0 |
| 1.3 | 3 | N | 5 | 7 | NE | 3 | 1 | 2 | 1 |
| 1.4 | 3 | N | 5 | 6 | NE | 3 | 1 | 2 | 1 |
| 1.4 | 3 | N | 1 | 2 | N | 2 | 1 | 1 | 0 |
| 1.5 | 3 | N | 8 | 9 | NE | 3 | 1 | 2 | 1 |
| 1.6 | 3 | N | 1 | 3 | N | 1 | 1 | 1 | 0 |
| 0.1 | 1 | N | 3 | 4 | NE | 2 | 1 | 1 | 0 |
| 0.1 | 1 | N | 5 | 8 | NE | 2 | 1 | 1 | 0 |
| 0 | 1 | N | 4 | 6 | E | 3 | 1 | 2 | 1 |
| 0 | 1 | N | 6 | 8 | E | 3 | 1 | 1 | 0 |
| -0.1 | 1 | N | 1 | 2 | N | 4 | 1 | 1 | 0 |
| -0.1 | 2 | N | 8 | 10 | E | 2 | 1 | 2 | 1 |
| -0.1 | 2 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 |
| 1.9 | 3 | N | 9 | 11 | NE | 3 | 1 | 2 | 1 |
| 1.8 | 3 | N | 10 | 12 | NE | 2 | 1 | 2 | 1 |
| 1.9 | 3 | N | 8 | 9 | NE | 2 | 1 | 2 | 1 |
| 1.9 | 3 | N | 8 | 9 | NE | 3 | 1 | 2 | 1 |
| 2 | 3 | N | 4 | 5 | NE | 3 | 1 | 1 | 0 |
| 2 | 4 | N | 7 | 9 | NE | 2 | 1 | 2 | 1 |
| 2 | 4 | N | 3 | 5 | NE | 2 | 1 | 2 | 1 |
| 0.2 | 3 | N | 5 | 9 | NE | 3 | 1 | 1 | 1 |
| 0.2 | 3 | N | 6 | 8 | NE | 3 | 1 | 1 | 1 |
| 0.2 | 3 | N | 6 | 7 | NE | 3 | 1 | 1 | 1 |
| 0.3 | 3 | N | 6 | 8 | NE | 3 | 1 | 1 | 1 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 3 | N | 2 | 4 | NE | 1 | 1 | 1 | 0 |
| 0.5 | 3 | N | 9 | 11 | NE | 2 | 1 | 2 | 1 |
| 0.6 | 3 | N | 3 | 5 | N | 2 | 1 | 2 | 1 |
| 1.4 | 1 | N | 8 | 10 | NE | 2 | 1 | 2 | 0 |
| 1.4 | 1 | N | 10 | 11 | NE | 2 | 1 | 2 | 0 |
| 1.3 | 1 | N | 8 | 9 | E | 2 | 1 | 2 | 0 |
| 1.2 | 1 | N | 6 | 8 | E | 2 | 1 | 1 | 0 |
| 1.1 | 1 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 |
| 1.1 | 1 | N | 8 | 10 | NE | 1 | 2 | 1 | 0 |
| 1 | 1 | N | 4 | 5 | N | 2 | 2 | 2 | 0 |
| 1.3 | 3 | N | 14 | 15 | NE | 2 | 1 | 2 | 0 |
| 1.2 | 3 | N | 10 | 12 | NE | 2 | 1 | 2 | 0 |
| 1.3 | 3 | N | 8 | 10 | NE | 2 | 1 | 2 | 0 |
| 1.4 | 3 | N | 8 | 10 | E | 2 | 1 | 2 | 0 |
| 1.5 | 3 | N | 3 | 4 | N | 4 | 1 | 1 | 0 |
| 1.5 | 3 | N | 12 | 14 | E | 1 | 1 | 1 | 0 |
| 1.5 | 3 | N | 3 | 4 | SE | 2 | 1 | 1 | 0 |
| 1.8 | 3 | N | 6 | 8 | E | 1 | 1 | 2 | 0 |
| 1.8 | 3 | N | 8 | 10 | NE | 2 | 1 | 2 | 0 |
| 1.9 | 3 | N | 6 | 7 | NE | 2 | 1 | 2 | 0 |
| 1.9 | 3 | N | 6 | 7 | NE | 2 | 1 | 2 | 0 |
| 2.1 | 3 | N | 1 | 2 | NE | 3 | 1 | 1 | 0 |
| 2 | 3 | N | 8 | 10 | E | 1 | 1 | 1 | 0 |
| 2.1 | 3 | N | 4 | 5 | NE | 2 | 1 | 1 | 0 |
| 1.9 | 3 | N | 6 | 7 | NE | 2 | 1 | 2 | 1 |
| 1.9 | 3 | N | 11 | 12 | NE | 2 | 1 | 2 | 1 |
| 1.9 | 3 | N | 9 | 10 | NE | 3 | 1 | 2 | 1 |
| 2 | 3 | N | 9 | 10 | NE | 3 | 1 | 2 | 1 |
| 2 | 3 | N | 2 | 3 | N | 3 | 1 | 1 | 0 |
| 2 | 3 | N | 14 | 15 | NE | 2 | 1 | 2 | 1 |
| 2 | 4 | N | 5 | 6 | NE | 2 | 1 | 2 | 1 |
| 0.8 | 1 | N | 12 | 13 | NE | 2 | 1 | 2 | 0 |
| 0.8 | 1 | N | 12 | 14 | NE | 2 | 5 | 2 | 0 |
| 0.7 | 1 | N | 12 | 13 | NE | 2 | 1 | 2 | 0 |
| 0.6 | 1 | N | 12 | 14 | E | 2 | 1 | 1 | 0 |
| 0.6 | 1 | N | 2 | 3 | NE | 2 | 1 | 1 | 0 |
| 0.5 | 1 | N | 12 | 13 | E | 1 | 1 | 2 | 0 |
| 0.5 | 1 | N | 3 | 4 | E | 2 | 1 | 2 | 0 |
| 2.1 | 1 | N | 13 | 15 | NE | 3 | 1 | 2 | 1 |
| 2 | 1 | N | 11 | 13 | NE | 3 | 1 | 2 | 1 |
| 1.9 | 1 | N | 11 | 14 | NE | 3 | 1 | 2 | 1 |
| 1.8 | 1 | N | 10 | 11 | NE | 3 | 1 | 2 | 1 |
| 1.8 | 1 | N | 0 | 2 | NE | 3 | 1 | 1 | 0 |
| 1.7 | 1 | N | 8 | 11 | NE | 3 | 1 | 2 | 1 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1.6 | 1 | N | 0 | 3 | NE | 2 | 1 | 3 | 2 |
| 1.1 | 3 | N | 9 | 11 | E | 2 | 1 | 1 | 0 |
| 1 | 3 | N | 9 | 10 | E | 2 | 1 | 2 | 1 |
| 1.1 | 3 | N | 9 | 11 | E | 2 | 1 | 2 | 1 |
| 1.3 | 3 | N | 6 | 7 | E | 2 | 1 | 2 | 1 |
| 1.3 | 3 | N | 0 | 1 | E | 3 | 1 | 1 | 0 |
| 1.4 | 3 | N | 10 | 12 | E | 2 | 1 | 2 | 1 |
| 1.5 | 3 | N | 2 | 4 | E | 2 | 1 | 1 | 0 |
| 1.4 | 1 | N | 0 | 1 | S | 1 | 1 | 1 | 0 |
| 1.3 | 1 | N | 0 | 1 | SE | 2 | 1 | 1 | 0 |
| 1.2 | 1 | N | 6 | 7 | NE | 3 | 5 | 3 | 1 |
| 1.1 | 1 | N | 6 | 7 | NE | 3 | 1 | 2 | 1 |
| 1 | 1 | N | 0 | 1 | NE | 4 | 1 | 1 | 0 |
| 0.9 | 1 | N | 8 | 9 | E | 3 | 1 | 3 | 1 |
| 0.8 | 1 | N | 0 | 1 | S | 1 | 1 | 0 | 0 |
| 1.7 | 3 | N | 4 | 5 | NE | 2 | 5 | 2 | 0 |
| 1.7 | 3 | N | 11 | 12 | NE | 2 | 5 | 2 | 0 |
| 1.8 | 3 | N | 5 | 6 | NE | 2 | 1 | 2 | 0 |
| 1.8 | 3 | N | 8 | 10 | NE | 2 | 1 | 2 | 0 |
| 1.8 | 3 | N | 2 | 3 | N | 3 | 1 | 1 | 0 |
| 1.8 | 3 | N | 8 | 10 | NE | 1 | 5 | 2 | 0 |
| 1.9 | 3 | N | 6 | 7 | NE | 2 | 1 | 2 | 0 |
| 0.5 | 1 | N | 11 | 13 | NE | 3 | 1 | 2 | 1 |
| 0.5 | 1 | N | 6 | 8 | NE | 2 | 1 | 2 | 1 |
| 0.5 | 1 | N | 8 | 10 | NE | 2 | 1 | 2 | 1 |
| 0.5 | 2 | N | 8 | 11 | NE | 3 | 1 | 2 | 1 |
| 0.5 | 2 | N | 0 | 2 | NE | 4 | 1 | 1 | 0 |
| 0.5 | 3 | N | 10 | 13 | NE | 3 | 1 | 2 | 1 |
| 0.5 | 3 | N | 2 | 5 | NE | 4 | 1 | 2 | 2 |
| 2.3 | 1 | N | 3 | 5 | NE | 2 | 1 | 2 | 0 |
| 2.3 | 1 | N | 4 | 5 | NE | 2 | 1 | 2 | 0 |
| 2.2 | 1 | N | 4 | 5 | NE | 2 | 1 | 2 | 0 |
| 2.2 | 1 | N | 4 | 5 | NE | 2 | 1 | 2 | 0 |
| 2.2 | 1 | N | 1 | 2 | NE | 5 | 1 | 1 | 0 |
| 2.1 | 1 | N | 4 | 6 | E | 1 | 1 | 2 | 0 |
| 2.1 | 1 | N | 3 | 4 | N | 2 | 1 | 2 | 0 |
| 0.9 | 3 | N | 11 | 14 | NE | 2 | 5 | 2 | 0 |
| 0.8 | 3 | N | 10 | 12 | NE | 2 | 5 | 2 | 0 |
| 0.9 | 3 | N | 12 | 14 | NE | 2 | 1 | 2 | 0 |
| 0.9 | 3 | N | 12 | 14 | NE | 2 | 1 | 2 | 0 |
| 1 | 3 | N | 2 | 3 | N | 3 | 1 | 1 | 0 |
| 1 | 3 | N | 12 | 14 | E | 1 | 5 | 2 | 0 |
| 1 | 3 | N | 5 | 6 | N | 2 | 1 | 2 | 0 |
| 1.6 | 1 | N | 12 | 14 | NE | 3 | 1 | 2 | 1 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1.4 | 1 | N | 8 | 10 | NE | 2 | 1 | 2 | 1 |
| 1.4 | 1 | N | 8 | 9 | NE | 3 | 1 | 2 | 1 |
| 1.3 | 1 | N | 7 | 10 | NE | 3 | 1 | 2 | 1 |
| 1.2 | 1 | N | 0 | 1 | NE | 4 | 1 | 0 | 0 |
| 1.1 | 1 | N | 6 | 7 | N | 3 | 1 | 2 | 1 |
| 0.9 | 1 | N | 5 | 6 | N | 2 | 1 | 3 | 2 |
| 1.4 | 3 | N | 1 | 2 | SW | 2 | 1 | 2 | 1 |
| 1.3 | 3 | N | 1 | 2 | SW | 2 | 1 | 2 | 1 |
| 1.4 | 3 | N | 0 | 1 | SW | 3 | 1 | 2 | 1 |
| 1.4 | 3 | N | 1 | 2 | S | 3 | 1 | 2 | 1 |
| 1.5 | 3 | N | 1 | 2 | S | 3 | 1 | 1 | 0 |
| 1.5 | 4 | N | 0 | 1 | E | 2 | 1 | 2 | 1 |
| 1.5 | 4 | N | 0 | 1 | N | 3 | 1 | 3 | 2 |
| 0.6 | 1 | N | 13 | 16 | NE | 3 | 1 | 1 | 0 |
| 0.5 | 1 | N | 10 | 14 | NE | 2 | 1 | 1 | 1 |
| 0.5 | 1 | N | 10 | 12 | NE | 3 | 1 | 2 | 1 |
| 0.5 | 1 | N | 9 | 12 | NE | 3 | 1 | 2 | 1 |
| 0.5 | 1 | N | 0 | 1 | NE | 3 | 1 | 1 | 0 |
| 0.4 | 1 | N | 10 | 13 | E | 3 | 1 | 2 | 1 |
| 0.4 | 1 | N | 2 | 4 | NE | 2 | 1 | 2 | 2 |
| 1.8 | 1 | N | 5 | 7 | NE | 2 | 1 | 2 | 1 |
| 1.9 | 1 | N | 9 | 10 | E | 2 | 1 | 1 | 1 |
| 1.6 | 1 | N | 6 | 8 | E | 2 | 1 | 2 | 1 |
| 1.5 | 1 | N | 8 | 9 | E | 3 | 1 | 2 | 1 |
| 1.4 | 1 | N | 0 | 2 | NE | 6 | 1 | 1 | 0 |
| 1.3 | 1 | N | 5 | 6 | E | 2 | 1 | 2 | 1 |
| 1.2 | 1 | N | 0 | 1 | E | 1 | 1 | 2 | 1 |
| 0.6 | 3 | N | 15 | 19 | NE | 3 | 1 | 2 | 1 |
| 0.6 | 3 | N | 10 | 14 | NE | 3 | 1 | 2 | 1 |
| 0.7 | 3 | N | 12 | 15 | NE | 3 | 1 | 2 | 1 |
| 0.7 | 3 | N | 12 | 15 | NE | 5 | 1 | 2 | 1 |
| 0.7 | 3 | N | 1 | 5 | NE | 4 | 1 | 1 | 0 |
| 0.7 | 3 | N | 4 | 11 | NE | 2 | 1 | 2 | 1 |
| 0.8 | 3 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 |
| 1.6 | 1 | N | 13 | 15 | NE | 4 | 1 | 2 | 1 |
| 1.4 | 1 | N | 9 | 11 | NE | 2 | 1 | 2 | 1 |
| 1.2 | 1 | N | 10 | 12 | NE | 2 | 1 | 2 | 1 |
| 1.1 | 1 | N | 11 | 14 | NE | 3 | 1 | 2 | 1 |
| 1 | 1 | N | 1 | 2 | NE | 4 | 1 | 1 | 0 |
| 0.8 | 1 | N | 12 | 14 | NE | 2 | 1 | 2 | 1 |
| 0.8 | 1 | N | 4 | 6 | NE | 2 | 1 | 2 | 2 |

| Less than (<) | Entero-coccus (No./100ml) | Clostridium perfringens (No./100ml) | Remarks |
|---|---|---|---|
| | 72 | | NO REMARKS |
| | 18 | | FISHERMEN AT SAMPLE SITE |
| | 3 | | NO REMARKS |
| | 8 | | NO REMARKS |
| | 65 | | NO REMARKS |
| | 13 | | NO REMARKS |
| | 16 | | NO REMARKS |
| | 35 | | NO REMARKS |
| | 5 | | NO REMARKS |
| | 5 | | NO REMARKS |
| | 4 | | NO REMARKS |
| | 3600 | | RAIN DEBRIS IN WATER |
| | 600 | | NO REMARKS |
| | 335 | | NO REMARKS |
| | 100 | | NO REMARKS |
| | 31 | | NO REMARKS |
| | 20 | | NO REMARKS |
| | 8 | | NO REMARKS |
| | 610 | | RAIN DEBRIS IN WATER |
| | 15 | | NO REMARKS |
| | 12 | | NO REMARKS |
| | 18 | | NO REMARKS |
| | 6 | | NO REMARKS |
| | 11 | | NO REMARKS |
| | 19 | | NO REMARKS |
| | 84 | | NO REMARKS |
| | 5 | | NO REMARKS |
| < | 0.9 | | NO REMARKS |
| | 8 | | NO REMARKS |
| | 3 | | NO REMARKS |
| | 4 | | ANIMALS (DOGS) AT SAMPLE SITE |
| | 7 | | NO REMARKS |
| | 32 | | NO REMARKS |
| | 5 | | NO REMARKS |

| | | |
|---|---|---|
| | 5 | NO REMARKS |
| | 3 | |
| | 4 | |
| < | 0.9 | |
| < | 0.9 | |
| | 73 | FISHERMEN AT SAMPLE SITE |
| | 1 | |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| < | 0.9 | |
| | 0.9 | |
| | 3 | |
| < | 0.9 | |
| | 860 | |
| | 290 | |
| | 52 | |
| | 550 | |
| | 180 | |
| | 71 | |
| | 50 | |
| | 57 | |
| | 8 | |
| | 4 | |
| | 9 | |
| < | 0.9 | |
| | 2 | |
| | 4 | |
| | 23 | |
| | 3 | |
| | 1 | |
| | 10 | |
| | 63 | |
| | 12 | |
| | 12 | |
| | 320 | |
| | 6 | |
| | 6 | SWIMMERS AT SAMPLE SITE |
| | 21 | NO REMARKS |
| | 6 | NO REMARKS |
| | 6 | SWIMMERS AT SAMPLE SITE |
| | 10 | NO REMARKS |
| | 130 | NO REMARKS |
| | 2 | NO REMARKS |
| | 14 | NO REMARKS |
| | 11 | NO REMARKS |

| | | |
|---|---|---|
| | 5 | NO REMARKS |
| | 20 | NO REMARKS |
| | 21 | NO REMARKS |
| | 80 | NO REMARKS |
| | 2 | NO REMARKS |
| | 3 | NO REMARKS |
| | 35 | NO REMARKS |
| | 17 | NO REMARKS |
| | 14 | NO REMARKS |
| | 29 | NO REMARKS |
| | 38 | NO REMARKS |
| | 3 | NO REMARKS |
| | 2 | NO REMARKS |
| | 9 | NO REMARKS |
| | 6 | NO REMARKS |
| | 7 | NO REMARKS |
| | 31 | NO REMARKS |
| | 22 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 3 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 5 | NO REMARKS |
| | 7 | NO REMARKS |
| | 2 | NO REMARKS |
| | 5 | NO REMARKS |
| | 3 | NO REMARKS |
| | 4 | NO REMARKS |
| | 3 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 41 | NO REMARKS |
| | 34 | NO REMARKS |
| | 26 | NO REMARKS |
| | 11 | NO REMARKS |
| | 18 | NO REMARKS |
| | 4 | NO REMARKS |
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 18 | NO REMARKS |
| | 6 | NO REMARKS |
| | 0.9 | NO REMARKS |

| | | |
|---|---|---|
| | 6 | NO REMARKS |
| | 21 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 4 | NO REMARKS |
| | 6 | NO REMARKS |
| | 4 | NO REMARKS |
| | 10 | SWIMMERS AT SAMPLE SITE |
| | 5 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 3 | NO REMARKS |
| | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 5 | NO REMARKS |
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 3 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 11 | NO REMARKS |
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 10 | NO REMARKS |
| | 3 | NO REMARKS |
| | 11 | NO REMARKS |
| | 5 | NO REMARKS |
| | 33 | NO REMARKS |
| | 2 | NO REMARKS |
| | 2 | NO REMARKS |
| | 2 | NO REMARKS |
| | 8 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 5 | NO REMARKS |
| | 3 | NO REMARKS |
| | 2 | NO REMARKS |
| | 44 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 3 | SWIMMERS AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| | 8 | NO REMARKS |
| | 23 | NO REMARKS |

| | | |
|---|---|---|
| < | 0.9 | NO REMARKS |
| | 14 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 2 | NO REMARKS |
| | 24 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 5 | ANIMAL AT SAMPLE SITE |
| | 5 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 1500 | HEAVY RAINS PRIOR TO SAMPLING |
| | 310 | HEAVY RAINS PRIOR TO SAMPLING |
| | 11 | HEAVY RAINS PRIOR TO SAMPLING |
| | 410 | HEAVY RAINS PRIOR TO SAMPLING |
| | 3200 | RAIN DEBRIS AT SAMPLE SITE; HEAVY RAINS PRIOR TO |
| | 490 | HEAVY RAINS PRIOR TO SAMPLING |
| | 825 | RAIN DEBRIS AT SAMPLE SITE; HEAVY RAINS PRIOR TO |
| | 16 | NO REMARKS |
| | 17 | NO REMARKS |
| | 7 | NO REMARKS |
| | 29 | NO REMARKS |
| | 15 | NO REMARKS |
| | 7 | NO REMARKS |
| | 13 | NO REMARKS |
| | 21 | NO REMARKS |
| | 23 | NO REMARKS |
| | 41 | NO REMARKS |
| | 21 | NO REMARKS |
| | 14 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 3 | NO REMARKS |
| | 2 | NO REMARKS |
| | 3 | NO REMARKS |
| | 4 | NO REMARKS |
| | 53 | NO REMARKS |
| | 1 | NO REMARKS |
| | 6 | NO REMARKS |

| | | |
|---|---|---|
| | 12 | NO REMARKS |
| | 7 | NO REMARKS |
| | 12 | NO REMARKS |
| | 2 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 5 | NO REMARKS |
| | 16 | NO REMARKS |
| | 3 | NO REMARKS |
| | 3 | NO REMARKS |
| | 2 | NO REMARKS |
| | 8 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 5 | NO REMARKS |
| | 3 | NO REMARKS |
| | 8 | NO REMARKS |
| | 3 | NO REMARKS |
| | 12 | NO REMARKS |
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 5 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 30 | NO REMARKS |
| | 5 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 8 | WIND METER BROKEN, WIND SPEEDS ESTIMATED |
| | 0.9 | WIND METER BROKEN, WIND SPEEDS ESTIMATED |
| < | 0.9 | SWIMMERS AT SAMPLE SITE; WIND METER BROKEN, WI |
| < | 0.9 | WIND METER BROKEN, WIND SPEEDS ESTIMATED |
| | 36 | FISHERMEN AT SAMPLE SITE; WIND METER BROKEN, W |
| < | 0.9 | WIND METER BROKEN, WIND SPEEDS ESTIMATED |
| | 2 | NO REMARKS |
| | 5 | NO REMARKS |
| | 2 | NO REMARKS |
| | 2 | NO REMARKS |
| | 2 | NO REMARKS |
| | 3 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 2 | NO REMARKS |

| | | |
|---|---|---|
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 16 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 7 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 5 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 24 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 7 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 3 | NO REMARKS |
| | 3 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 14 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 4 | NO REMARKS |
| | 4 | NO REMARKS |
| | 12 | SWIMMERS AT SAMPLE SITE |
| | 2 | NO REMARKS |
| | 7 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 3 | FISHERMEN AT SAMPLE SITE |
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |

| | | |
|---|---|---|
| | 34 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 6.5 | NO REMARKS |
| | 7 | NO REMARKS |
| < | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 6 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 16 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 3 | NO REMARKS |
| | 24 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 3 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 3 | NO REMARKS |
| | 2100 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 89 | NO REMARKS |
| | 2 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 46 | NO REMARKS |
| | 5 | NO REMARKS |
| | 2 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 10 | FISHERMEN AT SAMPLE SITE |
| | 2 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 5 | NO REMARKS |
| | <0.9 | NO REMARKS |
| | 4.5 | SWIMMERS AT SAMPLE SITE |
| | 82 | NO REMARKS |
| | 220 | NO REMARKS |
| | 13 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 15 | NO REMARKS |
| < | 0.9 | NO REMARKS |

| | | |
|---|---|---|
| < | 0.9 | NO REMARKS |
| | 3 | NO REMARKS |
| | 0.9 | NO REMARKS |
| < | 0.9 | DOGS AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| | 4 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 9 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 22 | NO REMARKS |
| | 72 | NO REMARKS |
| | 4 | RAINWATER RUNOFF NEAR SAMPLE SITE |
| | 12 | NO REMARKS |
| < | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 11 | NO REMARKS |
| | 15 | NO REMARKS |
| | 1.5 | NO REMARKS |
| | 230 | NO REMARKS |
| | 5 | NO REMARKS |
| | 11 | NO REMARKS |
| | 21 | NO REMARKS |
| | 3 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 27 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 23 | NO REMARKS |
| | 5 | NO REMARKS |
| | 5 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 35 | NO REMARKS |
| | 4 | NO REMARKS |
| | 8 | NO REMARKS |
| | 2 | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| | 6 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 15 | NO REMARKS |

| | | |
|---|---|---|
| | 0.9 | NO REMARKS |
| | 4 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 5 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 9 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 90 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 26 | NO REMARKS |
| | 7 | NO REMARKS |
| | 3 | NO REMARKS |
| | 2 | NO REMARKS |
| | 24 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 1 | NO REMARKS |
| | 14 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 4 | NO REMARKS |
| | 5 | NO REMARKS |
| | 370 | RAIN DEBRIS IN WATER |
| | 5 | NO REMARKS |
| | 10 | NO REMARKS |
| | 35 | NO REMARKS |
| | 21 | NO REMARKS |
| | 83 | SWIMMERS NEAR SAMPLE SITE |
| | 24 | NO REMARKS |
| | 8 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 46 | NO REMARKS |
| | 28 | NO REMARKS |
| | 12 | NO REMARKS |
| | 8 | NO REMARKS |
| | 17 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |

SAMPLING

SAMPLING

IND SPEEDS ESTIMATED

IND SPEED ESTIMATED

RESULTS OF BACTERIAL ANALYSES AND FIELD OBSERVATIONS
J:/_MC\M&C/WWTPlants/wwtpmicro & Oceanlogs/2011microbiology.xls
MOKAPU OCEAN OUTFALL - NEARSHORE
01-Jun-15

| Date | Station | Time | Depth (m) | CTD on (hhmm) | CTD off (hhmm) | Light ext. coeff. | Secchi depth (feet) | Cloud cover (%) |
|---|---|---|---|---|---|---|---|---|
| 1/6/2011 | MN1 | 733 | 0 | | | | | 95 |
| 1/6/2011 | MN1 | 734 | 17 | | | | | |
| 1/6/2011 | MN2 | 740 | 0 | | | | | 95 |
| 1/6/2011 | MN2 | 740 | 16 | | | | | |
| 1/6/2011 | MN3 | 747 | 0 | | | | | 95 |
| 1/6/2011 | MN3 | 747 | 6 | | | | | |
| 1/6/2011 | MN4 | 754 | 0 | | | | | 95 |
| 1/6/2011 | MN4 | 754 | 5 | | | | | |
| 1/12/2011 | MN1 | | 0 | | | | | |
| 1/12/2011 | MN1 | | 17 | | | | Monitoring scl | |
| 1/12/2011 | MN2 | | 0 | | | | Small Craft A | |
| 1/12/2011 | MN2 | | 16 | | | | South - South | |
| 1/12/2011 | MN3 | | 0 | | | | | |
| 1/12/2011 | MN3 | | 6 | | | | | |
| 1/12/2011 | MN4 | | 0 | | | | | |
| 1/12/2011 | MN4 | | 5 | | | | | |
| 1/18/2011 | MN1 | 808 | 0 | | | | | 95 |
| 1/18/2011 | MN1 | 808 | 17 | | | | | |
| 1/18/2011 | MN2 | 816 | 0 | | | | | 95 |
| 1/18/2011 | MN2 | 816 | 16 | | | | | |
| 1/18/2011 | MN3 | 825 | 0 | | | | | 95 |
| 1/18/2011 | MN3 | 825 | 6 | | | | | |
| 1/18/2011 | MN4 | 832 | 0 | | | | | 95 |
| 1/18/2011 | MN4 | 832 | 5 | | | | | |
| 1/24/2011 | MN1 | | 0 | | | | | |
| 1/24/2011 | MN1 | | 17 | | | | Monitoring scl | |
| 1/24/2011 | MN2 | | 0 | | | | Small Craft A | |
| 1/24/2011 | MN2 | | 16 | | | | East winds 15 | |
| 1/24/2011 | MN3 | | 0 | | | | | |
| 1/24/2011 | MN3 | | 6 | | | | | |
| 1/24/2011 | MN4 | | 0 | | | | | |
| 1/24/2011 | MN4 | | 5 | | | | | |
| 1/30/2011 | MN1 | 735 | 0 | | | | | 1 |
| 1/30/2011 | MN1 | 735 | 17 | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| 1/30/2011 | MN2 | 743 | 0 | | 1 |
| 1/30/2011 | MN2 | 743 | 16 | | |
| 1/30/2011 | MN3 | 750 | 0 | | 1 |
| 1/30/2011 | MN3 | 750 | 6 | | |
| 1/30/2011 | MN4 | 755 | 0 | | 1 |
| 1/30/2011 | MN4 | 755 | 5 | | |
| 2/5/2011 | MN1 | 733 | 0 | | 25 |
| 2/5/2011 | MN1 | 724 | 17 | | 0 |
| 2/5/2011 | MN2 | 729 | 0 | | 25 |
| 2/5/2011 | MN2 | 729 | 16 | | 0 |
| 2/5/2011 | MN3 | 735 | 0 | | 25 |
| 2/5/2011 | MN3 | 735 | 6 | | 0 |
| 2/5/2011 | MN4 | 740 | 0 | | 25 |
| 2/5/2011 | MN4 | 740 | 5 | | 0 |
| 2/11/2011 | MN1 | 733 | 0 | | 95 |
| 2/11/2011 | MN1 | 733 | 17 | | 0 |
| 2/11/2011 | MN2 | 741 | 0 | | 95 |
| 2/11/2011 | MN2 | 741 | 16 | | 0 |
| 2/11/2011 | MN3 | 748 | 0 | | 95 |
| 2/11/2011 | MN3 | 748 | 6 | | 0 |
| 2/11/2011 | MN4 | 755 | 0 | | 95 |
| 2/11/2011 | MN4 | 755 | 5 | | 0 |
| 2/17/2011 | MN1 | | 0 | | |
| 2/17/2011 | MN1 | | 17 | Monitoring sc | |
| 2/17/2011 | MN2 | | 0 | Small Craft A | |
| 2/17/2011 | MN2 | | 16 | S - SE winds | |
| 2/17/2011 | MN3 | | 0 | | |
| 2/17/2011 | MN3 | | 6 | | |
| 2/17/2011 | MN4 | | 0 | | |
| 2/17/2011 | MN4 | | 5 | | |
| 2/23/2011 | MN1 | 734 | 0 | | 95 |
| 2/23/2011 | MN1 | 734 | 17 | | 0 |
| 2/23/2011 | MN2 | 747 | 0 | | 95 |
| 2/23/2011 | MN2 | 747 | 16 | | 0 |
| 2/23/2011 | MN3 | 759 | 0 | | 95 |
| 2/23/2011 | MN3 | 759 | 6 | | 0 |
| 2/23/2011 | MN4 | 809 | 0 | | 95 |
| 2/23/2011 | MN4 | 809 | 5 | | |
| 2/26/2011 | MN1 | 706 | 0 | | 50 |
| 2/26/2011 | MN1 | 706 | 17 | | |
| 2/26/2011 | MN2 | 713 | 0 | | 50 |
| 2/26/2011 | MN2 | 713 | 16 | | |
| 2/26/2011 | MN3 | 721 | 0 | | 50 |
| 2/26/2011 | MN3 | 721 | 6 | | |

| | | | | | |
|---|---|---|---|---|---|
| 2/26/2011 | MN4 | 727 | 0 | | 50 |
| 2/26/2011 | MN4 | 727 | 5 | | |
| 3/1/2011 | MN1 | 718 | 0 | | 85 |
| 3/1/2011 | MN1 | 718 | 17 | | |
| 3/1/2011 | MN2 | 806 | 0 | | 85 |
| 3/1/2011 | MN2 | 806 | 16 | | |
| 3/1/2011 | MN3 | 819 | 0 | | 85 |
| 3/1/2011 | MN3 | 819 | 6 | | |
| 3/1/2011 | MN4 | 825 | 0 | | 85 |
| 3/1/2011 | MN4 | 825 | 5 | | |
| 3/13/2011 | MN1 | 704 | 0 | | 20 |
| 3/13/2011 | MN1 | 704 | 17 | | |
| 3/13/2011 | MN2 | 713 | 0 | | 20 |
| 3/13/2011 | MN2 | 713 | 16 | | |
| 3/13/2011 | MN3 | 721 | 0 | | 20 |
| 3/13/2011 | MN3 | 721 | 6 | | |
| 3/13/2011 | MN4 | 730 | 0 | | 20 |
| 3/13/2011 | MN4 | 730 | 5 | | |
| 3/31/2011 | MN1 | 719 | 0 | | 25 |
| 3/31/2011 | MN1 | 719 | 17 | | |
| 3/31/2011 | MN2 | 730 | 0 | | 25 |
| 3/31/2011 | MN2 | 730 | 16 | | |
| 3/31/2011 | MN3 | 738 | 0 | | 25 |
| 3/31/2011 | MN3 | 738 | 6 | | |
| 3/31/2011 | MN4 | 751 | 0 | | 25 |
| 3/31/2011 | MN4 | 751 | 5 | | |
| 4/6/2011 | MN1 | 714 | 0 | | 70 |
| 4/6/2011 | MN1 | 715 | 17 | | |
| 4/6/2011 | MN2 | 803 | 0 | | 70 |
| 4/6/2011 | MN2 | 804 | 16 | | |
| 4/6/2011 | MN3 | 818 | 0 | | 70 |
| 4/6/2011 | MN3 | 819 | 6 | | |
| 4/6/2011 | MN4 | 827 | 0 | | 70 |
| 4/6/2011 | MN4 | 827 | 5 | | |
| 4/12/2011 | MN1 | | 0 | | |
| 4/12/2011 | MN1 | | 17 | Monitoring sc | |
| 4/12/2011 | MN2 | | 0 | Small Craft A | |
| 4/12/2011 | MN2 | | 16 | East Winds 1 | |
| 4/12/2011 | MN3 | | 0 | | |
| 4/12/2011 | MN3 | | 6 | | |
| 4/12/2011 | MN4 | | 0 | | |
| 4/12/2011 | MN4 | | 5 | | |
| 4/18/2011 | MN1 | 723 | 0 | | 50 |
| 4/18/2011 | MN1 | 723 | 17 | | |

| | | | | | |
|---|---|---|---|---|---|
| 4/18/2011 | MN2 | 732 | 0 | | 50 |
| 4/18/2011 | MN2 | 732 | 16 | | |
| 4/18/2011 | MN3 | 741 | 0 | | 50 |
| 4/18/2011 | MN3 | 741 | 6 | | |
| 4/18/2011 | MN4 | 756 | 0 | | 50 |
| 4/18/2011 | MN4 | 756 | 5 | | |
| 4/24/2011 | MN1 | 705 | 0 | | 25 |
| 4/24/2011 | MN1 | 705 | 17 | | |
| 4/24/2011 | MN2 | 713 | 0 | | 25 |
| 4/24/2011 | MN2 | 713 | 16 | | |
| 4/24/2011 | MN3 | 719 | 0 | | 25 |
| 4/24/2011 | MN3 | 719 | 6 | | |
| 4/24/2011 | MN4 | 726 | 0 | | 25 |
| 4/24/2011 | MN4 | 726 | 5 | | |
| 4/30/2011 | MN1 | 705 | 0 | | 30 |
| 4/30/2011 | MN1 | 705 | 17 | | |
| 4/30/2011 | MN2 | 713 | 0 | | 30 |
| 4/30/2011 | MN2 | 713 | 16 | | |
| 4/30/2011 | MN3 | 720 | 0 | | 30 |
| 4/30/2011 | MN3 | 720 | 6 | | |
| 4/30/2011 | MN4 | 728 | 0 | | 30 |
| 4/30/2011 | MN4 | 728 | 5 | | |
| 5/6/2011 | MN1 | | 0 | | |
| 5/6/2011 | MN1 | | 17 | Monitoring sc | |
| 5/6/2011 | MN2 | | 0 | Small Craft A | |
| 5/6/2011 | MN2 | | 16 | East Winds 2 | |
| 5/6/2011 | MN3 | | 0 | | |
| 5/6/2011 | MN3 | | 6 | | |
| 5/6/2011 | MN4 | | 0 | | |
| 5/6/2011 | MN4 | | 5 | | |
| 5/12/2011 | MN1 | 708 | 0 | | 98 |
| 5/12/2011 | MN1 | 708 | 17 | | |
| 5/12/2011 | MN2 | 719 | 0 | | 98 |
| 5/12/2011 | MN2 | 719 | 16 | | |
| 5/12/2011 | MN3 | 727 | 0 | | 98 |
| 5/12/2011 | MN3 | 727 | 6 | | |
| 5/12/2011 | MN4 | 737 | 0 | | 98 |
| 5/12/2011 | MN4 | 737 | 5 | | |
| 5/18/2011 | MN1 | 709 | 0 | | 85 |
| 5/18/2011 | MN1 | 709 | 17 | | |
| 5/18/2011 | MN2 | 717 | 0 | | 85 |
| 5/18/2011 | MN2 | 717 | 16 | | |
| 5/18/2011 | MN3 | 725 | 0 | | 85 |
| 5/18/2011 | MN3 | 725 | 6 | | |

| | | | | | |
|---|---|---|---|---|---|
| 5/18/2011 | MN4 | 732 | 0 | | 85 |
| 5/18/2011 | MN4 | 732 | 5 | | |
| 5/24/2011 | MN1 | | 0 | | |
| 5/24/2011 | MN1 | | 17 | Monitoring sc | |
| 5/24/2011 | MN2 | | 0 | Small Craft A | |
| 5/24/2011 | MN2 | | 16 | East Winds 2 | |
| 5/24/2011 | MN3 | | 0 | | |
| 5/24/2011 | MN3 | | 6 | | |
| 5/24/2011 | MN4 | | 0 | | |
| 5/24/2011 | MN4 | | 5 | | |
| 5/30/2011 | MN1 | | 0 | | |
| 5/30/2011 | MN1 | | 17 | Monitoring sc | |
| 5/30/2011 | MN2 | | 0 | East Winds 2 | |
| 5/30/2011 | MN2 | | 16 | | |
| 5/30/2011 | MN3 | | 0 | | |
| 5/30/2011 | MN3 | | 6 | | |
| 5/30/2011 | MN4 | | 0 | | |
| 5/30/2011 | MN4 | | 5 | | |
| 6/5/2011 | MN1 | 649 | 0 | | 40 |
| 6/5/2011 | MN1 | 649 | 17 | | |
| 6/5/2011 | MN2 | 658 | 0 | | 40 |
| 6/5/2011 | MN2 | 658 | 16 | | |
| 6/5/2011 | MN3 | 705 | 0 | | 40 |
| 6/5/2011 | MN3 | 705 | 6 | | |
| 6/5/2011 | MN4 | 712 | 0 | | 40 |
| 6/5/2011 | MN4 | 712 | 5 | | |
| 6/11/2011 | MN1 | | 0 | | |
| 6/11/2011 | MN1 | | 17 | Monitoring sc | |
| 6/11/2011 | MN2 | | 0 | Small Craft A | |
| 6/11/2011 | MN2 | | 16 | East Winds 1 | |
| 6/11/2011 | MN3 | | 0 | | |
| 6/11/2011 | MN3 | | 6 | | |
| 6/11/2011 | MN4 | | 0 | | |
| 6/11/2011 | MN4 | | 5 | | |
| 6/17/2011 | MN1 | | 0 | | |
| 6/17/2011 | MN1 | | 17 | Monitoring sc | |
| 6/17/2011 | MN2 | | 0 | Small Craft A | |
| 6/17/2011 | MN2 | | 16 | East Winds 2 | |
| 6/17/2011 | MN3 | | 0 | | |
| 6/17/2011 | MN3 | | 6 | | |
| 6/17/2011 | MN4 | | 0 | | |
| 6/17/2011 | MN4 | | 5 | | |
| 6/23/2011 | MN1 | | 0 | | |
| 6/23/2011 | MN1 | | 17 | Monitoring sc | |

| | | | | | |
|---|---|---|---|---|---|
| 6/23/2011 | MN2 | | 0 | East Winds 1 | |
| 6/23/2011 | MN2 | | 16 | | |
| 6/23/2011 | MN3 | | 0 | | |
| 6/23/2011 | MN3 | | 6 | | |
| 6/23/2011 | MN4 | | 0 | | |
| 6/23/2011 | MN4 | | 5 | | |
| 6/29/2011 | MN1 | 724 | 0 | | 70 |
| 6/29/2011 | MN1 | 725 | 17 | | |
| 6/29/2011 | MN2 | 734 | 0 | | 70 |
| 6/29/2011 | MN2 | 734 | 16 | | |
| 6/29/2011 | MN3 | 743 | 0 | | 70 |
| 6/29/2011 | MN3 | 743 | 6 | | |
| 6/29/2011 | MN4 | 756 | 0 | | 70 |
| 6/29/2011 | MN4 | 756 | 5 | | |
| 7/5/2011 | MN1 | 707 | 0 | | 90 |
| 7/5/2011 | MN1 | 707 | 17 | | |
| 7/5/2011 | MN2 | 757 | 0 | | 90 |
| 7/5/2011 | MN2 | 757 | 16 | | |
| 7/5/2011 | MN3 | 816 | 0 | | 90 |
| 7/5/2011 | MN3 | 816 | 6 | | |
| 7/5/2011 | MN4 | 824 | 0 | | 90 |
| 7/5/2011 | MN4 | 824 | 5 | | |
| 7/11/2011 | MN1 | 710 | 0 | | 55 |
| 7/11/2011 | MN1 | 710 | 17 | | |
| 7/11/2011 | MN2 | 719 | 0 | | 55 |
| 7/11/2011 | MN2 | 719 | 16 | | |
| 7/11/2011 | MN3 | 726 | 0 | | 55 |
| 7/11/2011 | MN3 | 726 | 6 | | |
| 7/11/2011 | MN4 | 733 | 0 | | 55 |
| 7/11/2011 | MN4 | 733 | 5 | | |
| 7/17/2011 | MN1 | | 0 | | |
| 7/17/2011 | MN1 | | 17 | Monitoring sc | |
| 7/17/2011 | MN2 | | 0 | Small Craft A | |
| 7/17/2011 | MN2 | | 16 | East Winds 2 | |
| 7/17/2011 | MN3 | | 0 | | |
| 7/17/2011 | MN3 | | 6 | | |
| 7/17/2011 | MN4 | | 0 | | |
| 7/17/2011 | MN4 | | 5 | | |
| 7/23/2011 | MN1 | 707 | 0 | | 40 |
| 7/23/2011 | MN1 | 707 | 17 | | |
| 7/23/2011 | MN2 | 717 | 0 | | 40 |
| 7/23/2011 | MN2 | 717 | 16 | | |
| 7/23/2011 | MN3 | 725 | 0 | | 40 |
| 7/23/2011 | MN3 | 725 | 6 | | |

| | | | | | |
|---|---|---|---|---|---|
| 7/23/2011 | MN4 | 734 | 0 | | 40 |
| 7/23/2011 | MN4 | 734 | 5 | | |
| 7/29/2011 | MN1 | 721 | 0 | | 75 |
| 7/29/2011 | MN1 | 721 | 17 | | |
| 7/29/2011 | MN2 | 732 | 0 | | 75 |
| 7/29/2011 | MN2 | 732 | 16 | | |
| 7/29/2011 | MN3 | 740 | 0 | | 75 |
| 7/29/2011 | MN3 | 740 | 6 | | |
| 7/29/2011 | MN4 | 753 | 0 | | 75 |
| 7/29/2011 | MN4 | 753 | 5 | | |
| 8/4/2011 | MN1 | | 0 | | |
| 8/4/2011 | MN1 | | 17 | Monitoring sc | |
| 8/4/2011 | MN2 | | 0 | Small Craft A | |
| 8/4/2011 | MN2 | | 16 | East Winds 2 | |
| 8/4/2011 | MN3 | | 0 | | |
| 8/4/2011 | MN3 | | 6 | | |
| 8/4/2011 | MN4 | | 0 | | |
| 8/4/2011 | MN4 | | 5 | | |
| 8/10/2011 | MN1 | 719 | 0 | | 50 |
| 8/10/2011 | MN1 | 720 | 17 | | |
| 8/10/2011 | MN2 | 729 | 0 | | 50 |
| 8/10/2011 | MN2 | 729 | 16 | | |
| 8/10/2011 | MN3 | 736 | 0 | | 50 |
| 8/10/2011 | MN3 | 737 | 6 | | |
| 8/10/2011 | MN4 | 744 | 0 | | 50 |
| 8/10/2011 | MN4 | 744 | 5 | | |
| 8/16/2011 | MN1 | | 0 | | |
| 8/16/2011 | MN1 | | 17 | Monitoring sc | |
| 8/16/2011 | MN2 | | 0 | Small Craft A | |
| 8/16/2011 | MN2 | | 16 | East Winds 1 | |
| 8/16/2011 | MN3 | | 0 | | |
| 8/16/2011 | MN3 | | 6 | | |
| 8/16/2011 | MN4 | | 0 | | |
| 8/16/2011 | MN4 | | 5 | | |
| 8/22/2011 | MN1 | 712 | 0 | | 90 |
| 8/22/2011 | MN1 | 713 | 17 | | |
| 8/22/2011 | MN2 | 721 | 0 | | 90 |
| 8/22/2011 | MN2 | 721 | 16 | | |
| 8/22/2011 | MN3 | 727 | 0 | | 90 |
| 8/22/2011 | MN3 | 727 | 6 | | |
| 8/22/2011 | MN4 | 734 | 0 | | 90 |
| 8/22/2011 | MN4 | 734 | 5 | | |
| 8/28/2011 | MN1 | 658 | 0 | | 50 |
| 8/28/2011 | MN1 | 658 | 17 | | |

| | | | | | |
|---|---|---|---|---|---|
| 8/28/2011 | MN2 | 707 | 0 | | 50 |
| 8/28/2011 | MN2 | 707 | 16 | | |
| 8/28/2011 | MN3 | 715 | 0 | | 50 |
| 8/28/2011 | MN3 | 715 | 6 | | |
| 8/28/2011 | MN4 | 722 | 0 | | 50 |
| 8/28/2011 | MN4 | 722 | 5 | | |
| 9/3/2011 | MN1 | 632 | 0 | | 50 |
| 9/3/2011 | MN1 | 632 | 17 | | |
| 9/3/2011 | MN2 | 642 | 0 | | 50 |
| 9/3/2011 | MN2 | 642 | 16 | | |
| 9/3/2011 | MN3 | 650 | 0 | | 50 |
| 9/3/2011 | MN3 | 650 | 6 | | |
| 9/3/2011 | MN4 | 657 | 0 | | 50 |
| 9/3/2011 | MN4 | 657 | 5 | | |
| 9/9/2011 | MN1 | 712 | 0 | | 45 |
| 9/9/2011 | MN1 | 712 | 17 | | |
| 9/9/2011 | MN2 | 722 | 0 | | 45 |
| 9/9/2011 | MN2 | 722 | 16 | | |
| 9/9/2011 | MN3 | 731 | 0 | | 45 |
| 9/9/2011 | MN3 | 731 | 6 | | |
| 9/9/2011 | MN4 | 741 | 0 | | 45 |
| 9/9/2011 | MN4 | 741 | 5 | | |
| 9/15/2011 | MN1 | 726 | 0 | | 90 |
| 9/15/2011 | MN1 | 726 | 17 | | |
| 9/15/2011 | MN2 | 737 | 0 | | 90 |
| 9/15/2011 | MN2 | 737 | 16 | | |
| 9/15/2011 | MN3 | 744 | 0 | | 90 |
| 9/15/2011 | MN3 | 744 | 6 | | |
| 9/15/2011 | MN4 | 754 | 0 | | 90 |
| 9/15/2011 | MN4 | 754 | 5 | | |
| 9/21/2011 | MN1 | | 0 | | |
| 9/21/2011 | MN1 | | 17 | Monitoring scl | |
| 9/21/2011 | MN2 | | 0 | East Winds 1 | |
| 9/21/2011 | MN2 | | 16 | | |
| 9/21/2011 | MN3 | | 0 | | |
| 9/21/2011 | MN3 | | 6 | | |
| 9/21/2011 | MN4 | | 0 | | |
| 9/21/2011 | MN4 | | 5 | | |
| 9/27/2011 | MN1 | 722 | 0 | | 45 |
| 9/27/2011 | MN1 | 722 | 17 | | |
| 9/27/2011 | MN2 | 731 | 0 | | 45 |
| 9/27/2011 | MN2 | 731 | 16 | | |
| 9/27/2011 | MN3 | 737 | 0 | | 45 |
| 9/27/2011 | MN3 | 737 | 6 | | |

| | | | | | |
|---|---|---|---|---|---|
| 9/27/2011 | MN4 | 745 | 0 | | 45 |
| 9/27/2011 | MN4 | 745 | 5 | | |
| 10/3/2011 | MN1 | | 0 | | |
| 10/3/2011 | MN1 | | 17 | Monitoring scl | |
| 10/3/2011 | MN2 | | 0 | Small Craft A | |
| 10/3/2011 | MN2 | | 16 | East Winds 1 | |
| 10/3/2011 | MN3 | | 0 | | |
| 10/3/2011 | MN3 | | 6 | | |
| 10/3/2011 | MN4 | | 0 | | |
| 10/3/2011 | MN4 | | 5 | | |
| 10/9/2011 | MN1 | | 0 | | |
| 10/9/2011 | MN1 | | 17 | Monitoring scl | |
| 10/9/2011 | MN2 | | 0 | Small Craft A | |
| 10/9/2011 | MN2 | | 16 | East Winds 1 | |
| 10/9/2011 | MN3 | | 0 | | |
| 10/9/2011 | MN3 | | 6 | | |
| 10/9/2011 | MN4 | | 0 | | |
| 10/9/2011 | MN4 | | 5 | | |
| 10/15/2011 | MN1 | | 0 | | |
| 10/15/2011 | MN1 | | 17 | Monitoring scl | |
| 10/15/2011 | MN2 | | 0 | Small Craft A | |
| 10/15/2011 | MN2 | | 16 | East Winds 1 | |
| 10/15/2011 | MN3 | | 0 | | |
| 10/15/2011 | MN3 | | 6 | | |
| 10/15/2011 | MN4 | | 0 | | |
| 10/15/2011 | MN4 | | 5 | | |
| 10/21/2011 | MN1 | 724 | 0 | | 98 |
| 10/21/2011 | MN1 | 724 | 17 | | |
| 10/21/2011 | MN2 | 736 | 0 | | 98 |
| 10/21/2011 | MN2 | 736 | 16 | | |
| 10/21/2011 | MN3 | 747 | 0 | | 98 |
| 10/21/2011 | MN3 | 747 | 6 | | |
| 10/21/2011 | MN4 | 756 | 0 | | 98 |
| 10/21/2011 | MN4 | 756 | 5 | | |
| 10/27/2011 | MN1 | 706 | 0 | | 75 |
| 10/27/2011 | MN1 | 706 | 17 | | |
| 10/27/2011 | MN2 | 800 | 0 | | 75 |
| 10/27/2011 | MN2 | 801 | 16 | | |
| 10/27/2011 | MN3 | 818 | 0 | | 75 |
| 10/27/2011 | MN3 | 819 | 6 | | |
| 10/27/2011 | MN4 | 825 | 0 | | 75 |
| 10/27/2011 | MN4 | 826 | 5 | | |
| 11/2/2011 | MN1 | | 0 | | |
| 11/2/2011 | MN1 | | 17 | Monitoring scl | |

| | | | | | |
|---|---|---|---|---|---|
| 11/2/2011 | MN2 | | 0 | East Winds 1 | |
| 11/2/2011 | MN2 | | 16 | | |
| 11/2/2011 | MN3 | | 0 | | |
| 11/2/2011 | MN3 | | 6 | | |
| 11/2/2011 | MN4 | | 0 | | |
| 11/2/2011 | MN4 | | 5 | | |
| 11/8/2011 | MN1 | | 0 | | |
| 11/8/2011 | MN1 | | 17 | Monitoring sc | |
| 11/8/2011 | MN2 | | 0 | Small Craft A | |
| 11/8/2011 | MN2 | | 16 | North East W | |
| 11/8/2011 | MN3 | | 0 | | |
| 11/8/2011 | MN3 | | 6 | | |
| 11/8/2011 | MN4 | | 0 | | |
| 11/8/2011 | MN4 | | 5 | | |
| 11/14/2011 | MN1 | | 0 | | |
| 11/14/2011 | MN1 | | 17 | Monitoring sc | |
| 11/14/2011 | MN2 | | 0 | East Winds 1 | |
| 11/14/2011 | MN2 | | 16 | | |
| 11/14/2011 | MN3 | | 0 | | |
| 11/14/2011 | MN3 | | 6 | | |
| 11/14/2011 | MN4 | | 0 | | |
| 11/14/2011 | MN4 | | 5 | | |
| 11/20/2011 | MN1 | | 0 | | |
| 11/20/2011 | MN1 | | 17 | Monitoring sc | |
| 11/20/2011 | MN2 | | 0 | Small Craft A | |
| 11/20/2011 | MN2 | | 16 | East Winds 1 | |
| 11/20/2011 | MN3 | | 0 | | |
| 11/20/2011 | MN3 | | 6 | | |
| 11/20/2011 | MN4 | | 0 | | |
| 11/20/2011 | MN4 | | 5 | | |
| 11/26/2011 | MN1 | | 0 | | |
| 11/26/2011 | MN1 | | 17 | Monitoring sc | |
| 11/26/2011 | MN2 | | 0 | Small Craft A | |
| 11/26/2011 | MN2 | | 16 | East Winds 3 | |
| 11/26/2011 | MN3 | | 0 | | |
| 11/26/2011 | MN3 | | 6 | | |
| 11/26/2011 | MN4 | | 0 | | |
| 11/26/2011 | MN4 | | 5 | | |
| 12/2/2011 | MN1 | 709 | 0 | | 20 |
| 12/2/2011 | MN1 | 709 | 17 | | |
| 12/2/2011 | MN2 | 718 | 0 | | 20 |
| 12/2/2011 | MN2 | 718 | 16 | | |
| 12/2/2011 | MN3 | 726 | 0 | | 20 |
| 12/2/2011 | MN3 | 726 | 6 | | |

| | | | | | |
|---|---|---|---|---|---|
| 12/2/2011 | MN4 | 733 | 0 | | 20 |
| 12/2/2011 | MN4 | 733 | 5 | | |
| 12/8/2011 | MN1 | | 0 | | |
| 12/8/2011 | MN1 | | 17 | Monitoring sc | |
| 12/8/2011 | MN2 | | 0 | Small Craft A | |
| 12/8/2011 | MN2 | | 16 | East Winds 1 | |
| 12/8/2011 | MN3 | | 0 | | |
| 12/8/2011 | MN3 | | 6 | | |
| 12/8/2011 | MN4 | | 0 | | |
| 12/8/2011 | MN4 | | 5 | | |
| 12/14/2011 | MN1 | 731 | 0 | | 65 |
| 12/14/2011 | MN1 | 731 | 17 | | |
| 12/14/2011 | MN2 | 742 | 0 | | 65 |
| 12/14/2011 | MN2 | 742 | 16 | | |
| 12/14/2011 | MN3 | 750 | 0 | | 65 |
| 12/14/2011 | MN3 | 750 | 6 | | |
| 12/14/2011 | MN4 | 758 | 0 | | 65 |
| 12/14/2011 | MN4 | 758 | 5 | | |
| 12/20/2011 | MN1 | | 0 | | |
| 12/20/2011 | MN1 | | 17 | Monitoring sc | |
| 12/20/2011 | MN2 | | 0 | Small Craft A | |
| 12/20/2011 | MN2 | | 16 | North East W | |
| 12/20/2011 | MN3 | | 0 | | |
| 12/20/2011 | MN3 | | 6 | | |
| 12/20/2011 | MN4 | | 0 | | |
| 12/20/2011 | MN4 | | 5 | | |
| 12/26/2011 | MN1 | | 0 | | |
| 12/26/2011 | MN1 | | 17 | Monitoring sc | |
| 12/26/2011 | MN2 | | 0 | Small Craft A | |
| 12/26/2011 | MN2 | | 16 | East Winds 2 | |
| 12/26/2011 | MN3 | | 0 | | |
| 12/26/2011 | MN3 | | 6 | | |
| 12/26/2011 | MN4 | | 0 | | |
| 12/26/2011 | MN4 | | 5 | | |

| Tide hgt (ft) | Tide stage (0154) | Odor Floatable n/p | Wind low (m/h) | Wind high (m/h) | Wind dir (deg) | Water color (0394) | Wea-ther (0108) | Sea state (0109) | Wave hgt (0362) | Wave direction. (se) | Fecal Coliform (No./100ml) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.1 | 1 | N | 9 | 10 | N | 2 | 1 | 3 | 2 | N | |
| 1 | 1 | N | 11 | 12 | N | 2 | 1 | 3 | 2 | N | |
| 1 | 1 | N | 11 | 12 | N | 2 | 1 | 3 | 2 | N | |
| 0.9 | 1 | N | 10 | 11 | N | 3 | 1 | 3 | 2 | N | |

heduled for 1/24/11 was canceled due to adverse weather conditons
dvisory
ıwest winds 20 - 30 knots; Wind Waves 8 - 12 feet; Surf - Northwest Swell 12 feet.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.1 | 1 | N | 0 | 2 | S | 2 | 1 | 2 | 2 | N |
| 0.1 | 1 | N | 1 | 3 | SW | 2 | 1 | 2 | 2 | N |
| 0.1 | 1 | N | 2 | 4 | SW | 2 | 1 | 2 | 2 | N |
| 0.1 | 1 | N | 0 | 2 | SW | 2 | 1 | 2 | 2 | N |

heduled for 1/24/11 was canceled due to adverse weather conditons
dvisory
; - 25 knots; Wind Waves 5 - 9 feet; Surf - Northwest Swell 9 feet.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.2 | 1 | N | 0 | 1 | W | 1 | 0 | 2 | 1 | NE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.1 | 2 | N | 0 | 1 | W | 2 | 0 | 2 | 1 | NE |
| 0.1 | 2 | N | 2 | 3 | NW | 2 | 0 | 2 | 1 | NE |
| 0.1 | 2 | N | 3 | 4 | N | 2 | 0 | 2 | 1 | NE |
| 0.7 | 1 | N | 1 | 3 | S | 1 | 1 | 2 | 1 | NE |
| 0.7 | 1 | N | 0 | 2 | SW | 1 | 1 | 2 | 1 | NE |
| 0.7 | 1 | N | 2 | 4 | SW | 1 | 1 | 2 | 1 | NE |
| 0.6 | 1 | N | 0 | 2 | SW | 2 | 1 | 2 | 1 | NE |
| 0.6 | 4 | N | 3 | 5 | NW | 2 | 5 | 2 | 2 | N |
| 0.6 | 4 | N | 0 | 1 | NW | 2 | 1 | 2 | 2 | N |
| 0.6 | 4 | N | 2 | 4 | W | 2 | 1 | 2 | 2 | N |
| 0.6 | 1 | N | 0 | 2 | W | 2 | 5 | 2 | 2 | N |

heduled for 2/17/11 was canceled due to adverse weather conditons
dvisory / High Surf Advisory
15 - 25 knots; Wind Waves 4 - 10 feet; Northwest Swell 8 - 12 feet.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.7 | 1 | N | 9 | 11 | E | 2 | 1 | 3 | 3 | E |
| 0.6 | 1 | N | 10 | 12 | E | 2 | 1 | 3 | 3 | E |
| 0.6 | 1 | N | 9 | 11 | E | 3 | 1 | 3 | 3 | E |
| 0.6 | 1 | N | 10 | 12 | E | 3 | 1 | 3 | 3 | E |
| 0.2 | 3 | N | 2 | 4 | N | 2 | 1 | 2 | 1 | NE |
| 0.2 | 3 | N | 3 | 5 | NE | 2 | 1 | 2 | 1 | NE |
| 0.2 | 3 | N | 2 | 4 | W | 2 | 1 | 2 | 1 | NE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.3 | 3 | N | 3 | 5 | W | 3 | 1 | 2 | 1 | NE |
| 0 | 1 | N | 7 | 9 | NE | 2 | 1 | 3 | 2 | NE |
| 0 | 2 | N | 6 | 8 | NE | 2 | 1 | 3 | 2 | NE |
| 0 | 3 | N | 4 | 6 | NE | 3 | 1 | 3 | 2 | NE |
| 0 | 3 | N | 3 | 5 | SW | 3 | 1 | 3 | 2 | NE |
| 0.3 | 3 | N | 9 | 11 | E | 1 | 1 | 3 | 2 | NE |
| 0.3 | 3 | N | 7 | 9 | E | 2 | 1 | 3 | 2 | NE |
| 0.3 | 3 | N | 9 | 11 | E | 3 | 1 | 3 | 2 | NE |
| 0.4 | 3 | N | 7 | 9 | E | 2 | 1 | 3 | 2 | NE |
| -0.1 | 2 | N | 12 | 13 | E | 1 | 1 | 3 | 2 | E |
| -0.1 | 3 | N | 11 | 12 | E | 1 | 1 | 4 | 2 | E |
| 0 | 3 | N | 11 | 12 | E | 3 | 1 | 3 | 2 | E |
| 0 | 3 | N | 10 | 12 | E | 2 | 1 | 3 | 2 | E |
| 0.1 | 1 | N | 9 | 10 | E | 2 | 1 | 2 | 1 | NE |
| -0.1 | 1 | N | 8 | 9 | E | 2 | 1 | 3 | 2 | NE |
| -0.1 | 1 | N | 6 | 7 | E | 3 | 1 | 3 | 2 | NE |
| -0.1 | 1 | N | 9 | 10 | E | 3 | 1 | 3 | 2 | NE |

heduled for 4/12/11 was canceled due to adverse weather conditons
dvisory
5 - 25 knots; Wind Waves 4 - 10 feet; North Swell 3 feet.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| -0.4 | 1 | N | 6 | 8 | E | 2 | 1 | 3 | 2 | NE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| -0.4 | 1 | N | 7 | 9 | E | 2 | 1 | 3 | 2 | NE |
| -0.5 | 1 | N | 3 | 5 | E | 2 | 1 | 3 | 2 | NE |
| -0.5 | 1 | N | 3 | 5 | E | 2 | 1 | 3 | 2 | NE |
| 0.4 | 3 | N | 7 | 9 | NE | 1 | 1 | 3 | 2 | E |
| 0.4 | 3 | N | 9 | 11 | NE | 1 | 1 | 3 | 2 | E |
| 0.4 | 3 | N | 8 | 10 | NE | 2 | 1 | 3 | 2 | E |
| 0.5 | 3 | N | 8 | 10 | NE | 2 | 1 | 3 | 2 | E |
| -0.2 | 2 | N | 6 | 8 | NE | 1 | 1 | 3 | 2 | NE |
| -0.2 | 2 | N | 7 | 9 | E | 1 | 1 | 3 | 2 | NE |
| -0.2 | 2 | N | 7 | 9 | E | 3 | 1 | 3 | 2 | NE |
| -0.1 | 3 | N | 9 | 11 | E | 2 | 1 | 3 | 2 | NE |

heduled for 5/6/11 was canceled due to adverse weather conditons
dvisory
0 - 25 knots; Wind Waves 6 - 11 feet; Northwest Swell 3 - 4 feet.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 3 | N | 9 | 11 | E | 2 | 2 | 3 | 2 | E |
| 0.4 | 3 | N | 8 | 10 | E | 2 | 2 | 3 | 2 | E |
| 0.5 | 3 | N | 10 | 12 | E | 3 | 2 | 3 | 2 | E |
| 0.5 | 3 | N | 7 | 9 | E | 2 | 2 | 3 | 2 | E |
| -0.3 | 1 | N | 1 | 2 | SW | 2 | 1 | 1 | 2 | E |
| -0.3 | 1 | N | 4 | 5 | N | 2 | 1 | 2 | 2 | E |
| -0.4 | 1 | N | 5 | 7 | SW | 3 | 1 | 2 | 2 | E |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| -0.4 | 1 | N | 5 | 7 | SW | 2 | 1 | 2 | 2 | E |

heduled for 5/24/11 was canceled due to adverse weather conditons
dvisory
0 - 25 knots; Wind Waves 6 - 11 feet; South Swell 3 feet.

heduled for 5/30/11 was canceled due to adverse weather conditons
0 - 25 knots; Wind Waves 6 - 12 feet; East Swell 4 - 7 feet.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 1 | N | 2 | 4 | SW | 2 | 1 | 2 | 2 | NE |
| 0.3 | 1 | N | 4 | 6 | SW | 2 | 1 | 2 | 2 | NE |
| 0.3 | 1 | N | 4 | 6 | SW | 3 | 1 | 2 | 2 | NE |
| 0.3 | 1 | N | 3 | 5 | SW | 3 | 1 | 2 | 2 | NE |

heduled for 6/11/11 was canceled due to adverse weather conditons
dvisory
5 - 25 knots; Wind Waves 6 - 12 feet; East Swell 4 - 6 feet.

heduled for 6/17/11 was canceled due to adverse weather conditons
dvisory All Channels
0 - 30 knots; Wind Waves 7 - 13 feet; South Swell 3 feet.

heduled for 6/23/11 was canceled due to adverse weather conditons

5 - 20 knots; Wind Waves 5 - 8 feet; East Swell 3 - 5 feet.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| -0.1 | 3 | N | 8 | 9 | NE | 2 | 1 | 3 | 3 | NE |
| -0.1 | 3 | N | 10 | 12 | NE | 2 | 1 | 3 | 3 | NE |
| 0 | 3 | N | 10 | 11 | NE | 3 | 1 | 3 | 2 | NE |
| 0 | 3 | N | 5 | 8 | NE | 2 | 1 | 3 | 2 | NE |
| 0.9 | 1 | N | 13 | 14 | NE | 2 | 1 | 2 | 1 | NE |
| 0.8 | 1 | N | 11 | 12 | NE | 2 | 1 | 2 | 1 | NE |
| 0.8 | 1 | N | 8 | 9 | NE | 2 | 1 | 2 | 1 | NE |
| 0.7 | 1 | N | 9 | 10 | NE | 2 | 1 | 2 | 1 | NE |
| 0.3 | 3 | N | 9 | 10 | NE | 2 | 1 | 2 | 1 | NE |
| 0.3 | 3 | N | 10 | 11 | NE | 2 | 1 | 3 | 2 | NE |
| 0.4 | 3 | N | 10 | 11 | NE | 3 | 1 | 2 | 1 | NE |
| 0.4 | 3 | N | 10 | 11 | NE | 3 | 1 | 2 | 1 | NE |

heduled for 7/17/11 was canceled due to adverse weather conditons
dvisory
0 - 25 knots; Wind Waves 7 - 11 feet; East Swell 2 - 4 feet.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.2 | 3 | N | 12 | 14 | E | 1 | 1 | 3 | 2 | NE |
| 1.2 | 3 | N | 9 | 11 | NE | 2 | 1 | 3 | 2 | NE |
| 1.3 | 3 | N | 8 | 10 | NE | 3 | 1 | 3 | 2 | NE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.3 | 3 | N | 9 | 11 | NE | 1 | 1 | 3 | 2 | NE |
| -0.2 | 3 | N | 8 | 10 | E | 2 | 1 | 3 | 2 | E |
| -0.1 | 3 | N | 6 | 8 | E | 2 | 1 | 3 | 2 | E |
| -0.1 | 3 | N | 6 | 8 | E | 3 | 1 | 2 | 2 | E |
| 0 | 3 | N | 5 | 7 | E | 3 | 1 | 2 | 2 | E |

heduled for 8/4/11 was canceled due to adverse weather conditons
dvisory
0 - 30 knots; Wind Waves 8 - 13 feet; East Swell 4 - 6 feet.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.2 | 3 | N | 10 | 11 | NE | 2 | 1 | 3 | 1 | NE |
| 0.3 | 3 | N | 10 | 11 | NE | 2 | 1 | 3 | 1 | NE |
| 0.3 | 3 | N | 9 | 10 | NE | 3 | 1 | 2 | 1 | NE |
| 0.4 | 3 | N | 11 | 12 | NE | 2 | 1 | 2 | 1 | NE |

heduled for 8/16/11 was canceled due to adverse weather conditons
dvisory
5 - 25 knots; Wind Waves 6 - 10 feet; East Swell 2 - 4 feet.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.3 | 3 | N | 7 | 8 | NE | 2 | 1 | 2 | 1 | SE |
| 1.3 | 3 | N | 8 | 9 | NE | 2 | 1 | 2 | 1 | SE |
| 1.4 | 3 | N | 7 | 8 | NE | 3 | 1 | 2 | 1 | SE |
| 1.4 | 3 | N | 6 | 7 | NE | 2 | 1 | 2 | 1 | SE |
| -0.1 | 1 | N | 9 | 11 | E | 1 | 1 | 3 | 2 | NE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| -0.1 | 1 | N | 11 | 13 | NE | 1 | 1 | 3 | 2 | NE |
| -0.1 | 2 | N | 7 | 9 | NE | 2 | 1 | 3 | 2 | NE |
| -0.1 | 2 | N | 7 | 9 | NE | 2 | 1 | 3 | 2 | NE |
| 1.9 | 3 | N | 9 | 10 | NE | 2 | 1 | 2 | 1 | NE |
| 2 | 3 | N | 13 | 14 | NE | 2 | 1 | 3 | 2 | NE |
| 2 | 3 | N | 11 | 12 | NE | 3 | 1 | 2 | 1 | NE |
| 2 | 4 | N | 12 | 13 | NE | 2 | 1 | 2 | 1 | NE |
| 0.2 | 3 | N | 7 | 9 | E | 2 | 1 | 2 | 2 | N |
| 0.2 | 3 | N | 6 | 8 | E | 2 | 1 | 3 | 2 | N |
| 0.3 | 3 | N | 4 | 6 | E | 3 | 0 | 2 | 1 | NE |
| 0.3 | 3 | N | 6 | 8 | E | 3 | 1 | 2 | 1 | NE |
| 1 | 1 | N | 7 | 9 | E | 2 | 1 | 2 | 1 | E |
| 1 | 1 | N | 7 | 9 | E | 2 | 1 | 3 | 2 | E |
| 0.9 | 1 | N | 9 | 11 | E | 3 | 1 | 2 | 1 | E |
| 0.9 | 1 | N | 7 | 9 | E | 3 | 1 | 2 | 1 | E |

heduled for 9/21/11 was canceled due to adverse weather conditons
5 - 20 knots; Wind Waves 4 - 6 feet; North Swell 6 - 7 feet.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.9 | 3 | N | 7 | 8 | E | 2 | 1 | 2 | 2 | NE |
| 2 | 3 | N | 7 | 8 | E | 2 | 1 | 2 | 2 | NE |
| 2 | 3 | N | 7 | 8 | E | 3 | 1 | 2 | 1 | NE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2.1 | 3 | N | 8 | 9 | E | 2 | 1 | 2 | 1 | NE |

heduled for 10/3/11 was canceled due to adverse weather conditons
dvisory
5 - 25 knots; Wind Waves 5 - 9 feet; East Swell 2 - 4 feet.

heduled for 10/9/11 was canceled due to adverse weather conditons
dvisory
5 - 25 knots; Wind Waves 9 feet; East Swell 3 feet.

heduled for 10/15/11 was canceled due to adverse weather conditons
dvisory
5 - 25 knots; Wind Waves 6 - 10 feet; Northeast Swell 7 feet.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.4 | 3 | None | 6 | 8 | E | 2 | 5 | 3 | 2 | E |
| 1.4 | 3 | None | 9 | 10 | E | 2 | 1 | 3 | 2 | E |
| 1.5 | 3 | None | 8 | 9 | E | 3 | 2 | 3 | 2 | E |
| 1.6 | 3 | None | 10 | 11 | E | 2 | 1 | 3 | 2 | E |
| 1.1 | 1 | NONE | 5 | 6 | E | 2 | 1 | 2 | 1 | NE |
| 0.7 | 1 | NONE | 10 | 11 | E | 2 | 1 | 2 | 1 | NE |
| 0.6 | 1 | NONE | 7 | 8 | E | 3 | 1 | 2 | 1 | NE |
| 0.5 | 1 | NONE | 8 | 9 | E | 2 | 1 | 2 | 1 | NE |

heduled for 11/2/11 was canceled due to adverse weather conditons

5 - 25 knots; Wind Waves 6 - 9 feet.

heduled for 11/8/11 was canceled due to adverse weather conditons
dvisory All Channels
inds 20 - 25 knots; Wind Waves 6 - 10 feet; East Swell 3 - 6 feet.

heduled for 11/14/11 was canceled due to adverse weather conditons
0 - 20 knots; Wind Waves 3 - 7 feet; North East Swell 4 feet.

heduled for 11/20/11 was canceled due to adverse weather conditons
dvisory
5 - 25 knots; Wind Waves 11 feet; East Swell 4 - 6 feet.

heduled for 11/26/11 was canceled due to adverse weather conditons
dvisory
0 knots; Wind Waves 13 feet; East Swell 4 - 6 feet.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.4 | 3 | N | 2 | 5 | SW | 2 | 1 | 3 | 2 | N |
| 1.4 | 3 | N | 5 | 6 | NW | 2 | 1 | 3 | 2 | N |
| 1.4 | 3 | N | 2 | 4 | W | 2 | 1 | 2 | 1 | N |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.4 | 3 | N | 3 | 4 | SW | 3 | 1 | 2 | 1 | NE |

heduled for 12/08/11 was canceled due to adverse weather conditons
dvisory
5 - 30 knots; Wind Waves 6 - 12 feet; East Swell 3 - 5 feet.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.6 | 1 | N | 8 | 10 | SE | 1 | 1 | 4 | 3 | E |
| 1.5 | 1 | N | 6 | 8 | E | 1 | 1 | 4 | 3 | E |
| 1.5 | 1 | N | 6 | 7 | E | 3 | 1 | 3 | 2 | E |
| 1.4 | 1 | N | 8 | 9 | E | 2 | 1 | 3 | 2 | E |

heduled for 12/20/11 was canceled due to adverse weather conditons
dvisory
inds 20 - 30 knots; Wind Waves 10 - 15 feet; North West Swell 4 feet.

heduled for 12/26/11 was canceled due to adverse weather conditons
dvisory / High Surf Advisory
0 - 30 knots; Wind Waves 7 - 15 feet; North Swell 3 feet.

| Less than (<) | Entero-coccus (No./100ml) | Clostridium perfringens (No./100ml) | Remarks |
|---|---|---|---|
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| | 0.9 | | BARELY SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | CANNOT SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| | 4 | | CAN SEE BOTTOM |
| | 0.9 | | |
| < | 0.9 | | SEE BOTTOM CLEARLY |
| < | 0.9 | | |
| < | 0.9 | | SEE BOTTOM CLEARLY |
| < | 0.9 | | |

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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| | 2 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| | 0.9 | |
| | 2 | CAN SEE BOTTOM |
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| | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| | 3 | CAN SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| | 3 | CAN SEE BOTTOM |
| | 5 | |
| | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| | 0.9 | BARELY SEE BOTTOM |
| | 2 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |

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|---|---|---|
| | 5 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| | 0.9 | CAN SEE BOTTOM |
| | 2.5 | |
| | 2 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
| | 2 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
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| | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| | 2 | BARELY SEE BOTTOM |
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| | 2 | BARELY SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | SEE BOTTOM CLEARLY |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM; HEAVY RAIN PRIOR TO SAMPLE I |
| < | 0.9 | |
| | 0.9 | BARELY SEE BOTTOM; HEAVY RAIN PRIOR TO SAMPLE I |
| | 6 | |
| | 0.9 | CANNOT SEE BOTTOM; HEAVY RAIN PRIOR TO SAMPLE |
| | 6 | |
| | 180 | CANNOT SEE BOTTOM; HEAVY RAIN PRIOR TO SAMPLE |
| < | 0.9 | |

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| | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| | 3 | CAN SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| | 0.9 | CAN SEE BOTTOM |
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| | 0.9 | CAN SEE BOTTOM |
| | 3 | |
| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| | 0.9 | CAN SEE BOTTOM |
| | 4 | |
| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| | 0 | CAN SEE BOTTOM |
| | 0 | |
| | 0 | CAN SEE BOTTOM |
| | 0 | |
| | 0 | CAN SEE BOTTOM |
| | 0 | |
| | 0 | CAN SEE BOTTOM |
| | 0 | |

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|---|---|---|
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| | 18 | BARELY SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |

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|---|---|---|
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |

DATE

DATE

DATE

DATE

RESULTS OF BACTERIAL ANALYSES AND FIELD OBSERVATIONS
J:/_MC\M&C/WWTPlants/wwtpmicro & Oceanlogs/2011microbiology.xls
MOKAPU OCEAN OUTFALL - ZONE OF MIXING
01-Jun-15

| Date | Station | Time | Depth (m) | CTD on (hhmm) | CTD off (hhmm) | Light ext. coeff. | Secchi depth (feet) | Cloud cover (%) |
|---|---|---|---|---|---|---|---|---|
| 3/1/11 | M1 | 723 | 0 | | | | | 85 |
| 3/1/11 | M1 | 724 | 15 | | | | | |
| 3/1/11 | M1 | 724 | 30 | | | | | |
| 3/1/11 | M2 | 735 | 0 | | | | | 85 |
| 3/1/11 | M2 | 736 | 14 | | | | | |
| 3/1/11 | M2 | 737 | 27 | | | | | |
| 3/1/11 | M3 | 743 | 0 | | | | | 85 |
| 3/1/11 | M3 | 744 | 17 | | | | | |
| 3/1/11 | M3 | 745 | 34 | | | | | |
| 3/1/11 | M4 | 751 | 0 | | | | | 85 |
| 3/1/11 | M4 | 752 | 15 | | | | | |
| 3/1/11 | M4 | 753 | 30 | | | | | |
| 3/1/11 | M5 | 758 | 0 | | | | | 85 |
| 3/1/11 | M5 | 759 | 12 | | | | | |
| 3/1/11 | M5 | 759 | 23 | | | | | |
| 3/1/11 | M6 | 809 | 0 | | | | | 85 |
| 3/1/11 | M6 | 810 | 16 | | | | | |
| 3/1/11 | M6 | 811 | 32 | | | | | |
| 4/6/2011 | M1 | 722 | 0 | | | | | 70 |
| 4/6/2011 | M1 | 724 | 15 | | | | | |
| 4/6/2011 | M1 | 725 | 30 | | | | | |
| 4/6/2011 | M2 | 737 | 0 | | | | | 70 |
| 4/6/2011 | M2 | 738 | 14 | | | | | |
| 4/6/2011 | M2 | 739 | 27 | | | | | |
| 4/6/2011 | M3 | 743 | 0 | | | | | 70 |
| 4/6/2011 | M3 | 744 | 17 | | | | | |
| 4/6/2011 | M3 | 745 | 34 | | | | | |
| 4/6/2011 | M4 | 751 | 0 | | | | | 70 |
| 4/6/2011 | M4 | 752 | 15 | | | | | |
| 4/6/2011 | M4 | 753 | 30 | | | | | |
| 4/6/2011 | M5 | 757 | 0 | | | | | 70 |
| 4/6/2011 | M5 | 758 | 12 | | | | | |
| 4/6/2011 | M5 | 759 | 23 | | | | | |
| 4/6/2011 | M6 | 808 | 0 | | | | | 70 |

| | | | | |
|---|---|---|---|---|
| 4/6/2011 | M6 | 809 | 16 | |
| 4/6/2011 | M6 | 810 | 32 | |
| 7/5/2011 | M1 | 717 | 0 | 90 |
| 7/5/2011 | M1 | 719 | 15 | |
| 7/5/2011 | M1 | 720 | 30 | |
| 7/5/2011 | M2 | 728 | 0 | 90 |
| 7/5/2011 | M2 | 730 | 14 | |
| 7/5/2011 | M2 | 731 | 27 | |
| 7/5/2011 | M3 | 736 | 0 | 90 |
| 7/5/2011 | M3 | 738 | 17 | |
| 7/5/2011 | M3 | 739 | 34 | |
| 7/5/2011 | M4 | 743 | 0 | 90 |
| 7/5/2011 | M4 | 745 | 15 | |
| 7/5/2011 | M4 | 746 | 30 | |
| 7/5/2011 | M5 | 751 | 0 | 90 |
| 7/5/2011 | M5 | 752 | 12 | |
| 7/5/2011 | M5 | 752 | 23 | |
| 7/5/2011 | M6 | 805 | 0 | 90 |
| 7/5/2011 | M6 | 807 | 16 | |
| 7/5/2011 | M6 | 807 | 32 | |
| 10/27/2011 | M1 | 716 | 0 | 75 |
| 10/27/2011 | M1 | 718 | 15 | |
| 10/27/2011 | M1 | 718 | 30 | |
| 10/27/2011 | M2 | 730 | 0 | 75 |
| 10/27/2011 | M2 | 733 | 14 | |
| 10/27/2011 | M2 | 732 | 27 | |
| 10/27/2011 | M3 | 739 | 0 | 75 |
| 10/27/2011 | M3 | 741 | 17 | |
| 10/27/2011 | M3 | 741 | 34 | |
| 10/27/2011 | M4 | 747 | 0 | 75 |
| 10/27/2011 | M4 | 748 | 15 | |
| 10/27/2011 | M4 | 749 | 30 | |
| 10/27/2011 | M5 | 754 | 0 | 75 |
| 10/27/2011 | M5 | 755 | 12 | |
| 10/27/2011 | M5 | 756 | 23 | |
| 10/27/2011 | M6 | 806 | 0 | 75 |
| 10/27/2011 | M6 | 807 | 16 | |
| 10/27/2011 | M6 | 809 | 32 | |

| Tide hgt (ft) | Tide stage (0154) | Odor Floatable n/p | Wind low (m/h) | Wind high (m/h) | Wind dir (deg) | Water color (0394) | Wea-ther (0108) | Sea state (0109) | Wave hgt (0362) | Wave direction. (se) | Fecal Coliform (No./100ml) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | N | 7 | 9 | NE | 1 | 1 | 3 | 2 | NE | |
| 0 | 1 | N | 8 | 10 | NE | 1 | 1 | 3 | 2 | NE | |
| 0 | 2 | N | 8 | 10 | NE | 1 | 1 | 3 | 2 | NE | |
| 0 | 2 | N | 7 | 9 | NE | 1 | 1 | 3 | 2 | NE | |
| 0 | 2 | N | 7 | 9 | NE | 1 | 1 | 3 | 2 | NE | |
| 0 | 3 | N | 6 | 8 | NE | 1 | 1 | 3 | 2 | NE | |
| 0.1 | 1 | N | 8 | 9 | E | 2 | 1 | 2 | 1 | NE | |
| 0 | 1 | N | 7 | 8 | E | 2 | 1 | 3 | 2 | NE | |
| 0 | 1 | N | 9 | 10 | E | 2 | 1 | 3 | 2 | NE | |
| 0 | 1 | N | 9 | 10 | E | 2 | 1 | 3 | 2 | NE | |
| -0.1 | 1 | N | 9 | 10 | E | 2 | 1 | 3 | 2 | NE | |
| -0.1 | 1 | N | 10 | 11 | E | 2 | 1 | 3 | 2 | NE | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.9 | 1 | N | 17 | 18 | NE | 2 | 1 | 2 | 1 | NE |
| 0.9 | 1 | N | 7 | 8 | NE | 2 | 1 | 2 | 1 | NE |
| 0.9 | 1 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | NE |
| 0.9 | 1 | N | 7 | 8 | NE | 2 | 1 | 2 | 1 | NE |
| 0.9 | 1 | N | 8 | 9 | NE | 2 | 1 | 2 | 1 | NE |
| 0.8 | 1 | N | 12 | 13 | NE | 2 | 1 | 2 | 1 | NE |
| 1 | 1 | N | 7 | 9 | E | 2 | 1 | 2 | 1 | NE |
| 0.9 | 1 | N | 7 | 8 | E | 2 | 1 | 2 | 1 | NE |
| 0.8 | 1 | N | 8 | 9 | E | 2 | 1 | 2 | 1 | NE |
| 0.8 | 1 | N | 8 | 9 | E | 2 | 1 | 2 | 1 | NE |
| 0.7 | 1 | N | 7 | 8 | E | 2 | 1 | 2 | 1 | NE |
| 0.7 | 1 | N | 10 | 11 | E | 2 | 1 | 2 | 1 | NE |

| Less than (<) | Entero-coccus (No./100ml) | Clostridium perfringens (No./100ml) | Remarks |
|---|---|---|---|
| < | 0.9 | | NO REMARKS |
| < | 0.9 | | |
| | 2 | | |
| | 2 | | NO REMARKS |
| | 0.9 | | |
| < | 0.9 | | |
| < | 0.9 | | NO REMARKS |
| | 5 | | |
| < | 0.9 | | |
| < | 0.9 | | NO REMARKS |
| | 2 | | |
| < | 0.9 | | |
| | 3 | | NO REMARKS |
| | 0.9 | | |
| < | 0.9 | | |
| | 2 | | NO REMARKS |
| | 5 | | |
| | 2 | | |
| < | 0.9 | | NO REMARKS |
| < | 0.9 | | |
| < | 0.9 | | |
| | 7 | | NO REMARKS |
| | 0.9 | | |
| | 1.5 | | |
| < | 0.9 | | NO REMARKS |
| < | 0.9 | | |
| < | 0.9 | | |
| | 0.9 | | NO REMARKS |
| | 4 | | |
| | 0.9 | | |
| | 5 | | NO REMARKS |
| | 6 | | |
| | 2 | | |
| < | 0.9 | | NO REMARKS |

| | | |
|---|---|---|
| < | 0.9 | |
| | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 0.9 | |
| | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | NO REMARKS |
| | 0.9 | |
| < | 0.9 | |
| | 2 | NO REMARKS |
| | 0.9 | |
| | 0.9 | |
| | 0.9 | NO REMARKS |
| | 4 | |
| | 3 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| | 5 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |

RESULTS OF BACTERIAL ANALYSES AND FIELD OBSERVATIONS
J:/_MC\M&C/WWTPlants/wwtpmicro & Oceanlogs/2011microbiology.xls
SAND ISLAND OCEAN OUTFALL - SHORELINE STATIONS
01-Jun-15

| Date | Station | Time | Depth (m) | CTD on (hhmm) | CTD off (hhmm) | Light ext. coeff. | Secchi depth (feet) | Cloud cover (%) |
|---|---|---|---|---|---|---|---|---|
| 1/3/2011 | S1 | 807 | 0 | | | | | 40 |
| 1/3/2011 | S2 | 821 | 0 | | | | | 40 |
| 1/3/2011 | S5 | 724 | 0 | | | | | 40 |
| 1/3/2011 | S7 | 707 | 0 | | | | | 40 |
| 1/3/2011 | S8 | 737 | 0 | | | | | 40 |
| 1/7/2011 | S1 | 830 | 0 | | | | | 98 |
| 1/7/2011 | S2 | 845 | 0 | | | | | 98 |
| 1/7/2011 | S5 | 738 | 0 | | | | | 98 |
| 1/7/2011 | S7 | 800 | 0 | | | | | 98 |
| 1/7/2011 | S8 | 718 | 0 | | | | | 98 |
| 1/11/2011 | S1 | 754 | 0 | | | | | 15 |
| 1/11/2011 | S2 | 805 | 0 | | | | | 15 |
| 1/11/2011 | S5 | 709 | 0 | | | | | 15 |
| 1/11/2011 | S7 | 727 | 0 | | | | | 15 |
| 1/11/2011 | S8 | 654 | 0 | | | | | 15 |
| 1/15/2011 | S1 | 755 | 0 | | | | | 5 |
| 1/15/2011 | S2 | 815 | 0 | | | | | 5 |
| 1/15/2011 | S5 | 709 | 0 | | | | | 5 |
| 1/15/2011 | S7 | 655 | 0 | | | | | 5 |
| 1/15/2011 | S8 | 724 | 0 | | | | | 5 |
| 1/19/2011 | S1 | 804 | 0 | | | | | 90 |
| 1/19/2011 | S2 | 821 | 0 | | | | | 90 |
| 1/19/2011 | S5 | 720 | 0 | | | | | 90 |
| 1/19/2011 | S7 | 704 | 0 | | | | | 90 |
| 1/19/2011 | S8 | 734 | 0 | | | | | 90 |
| 1/23/2011 | S1 | 713 | 0 | | | | | 20 |
| 1/23/2011 | S2 | 727 | 0 | | | | | 20 |
| 1/23/2011 | S5 | 636 | 0 | | | | | 20 |
| 1/23/2011 | S7 | 654 | 0 | | | | | 20 |
| 1/23/2011 | S8 | 622 | 0 | | | | | 20 |
| 1/27/2011 | S1 | 806 | 0 | | | | | 20 |
| 1/27/2011 | S2 | 817 | 0 | | | | | 20 |
| 1/27/2011 | S5 | 719 | 0 | | | | | 20 |
| 1/27/2011 | S7 | 736 | 0 | | | | | 20 |

| | | | | |
|---|---|---|---|---|
| 1/27/2011 | S8 | 703 | 0 | 20 |
| 1/31/2011 | S1 | 809 | 0 | 10 |
| 1/31/2011 | S2 | 820 | 0 | 10 |
| 1/31/2011 | S5 | 715 | 0 | 10 |
| 1/31/2011 | S7 | 700 | 0 | 10 |
| 1/31/2011 | S8 | 731 | 0 | 10 |
| 2/4/2011 | S1 | 820 | 0 | 0 |
| 2/4/2011 | S2 | 832 | 0 | 0 |
| 2/4/2011 | S5 | 735 | 0 | 0 |
| 2/4/2011 | S7 | 720 | 0 | 0 |
| 2/4/2011 | S8 | 747 | 0 | 0 |
| 2/8/2011 | S1 | 740 | 0 | 35 |
| 2/8/2011 | S2 | 752 | 0 | 35 |
| 2/8/2011 | S5 | 656 | 0 | 35 |
| 2/8/2011 | S7 | 712 | 0 | 35 |
| 2/8/2011 | S8 | 642 | 0 | 35 |
| 2/12/2011 | S1 | 659 | 0 | 35 |
| 2/12/2011 | S2 | 712 | 0 | 35 |
| 2/12/2011 | S5 | 622 | 0 | 35 |
| 2/12/2011 | S7 | 640 | 0 | 35 |
| 2/12/2011 | S8 | 609 | 0 | 35 |
| 2/16/2011 | S1 | 721 | 0 | 80 |
| 2/16/2011 | S2 | 734 | 0 | 80 |
| 2/16/2011 | S5 | 640 | 0 | 80 |
| 2/16/2011 | S7 | 657 | 0 | 80 |
| 2/16/2011 | S8 | 624 | 0 | 80 |
| 2/20/2011 | S1 | 718 | 0 | 80 |
| 2/20/2011 | S2 | 729 | 0 | 80 |
| 2/20/2011 | S5 | 642 | 0 | 80 |
| 2/20/2011 | S7 | 659 | 0 | 80 |
| 2/20/2011 | S8 | 627 | 0 | 80 |
| 2/24/2011 | S1 | 757 | 0 | 80 |
| 2/24/2011 | S2 | 810 | 0 | 80 |
| 2/24/2011 | S5 | 709 | 0 | 80 |
| 2/24/2011 | S7 | 654 | 0 | 80 |
| 2/24/2011 | S8 | 720 | 0 | 80 |
| 2/28/2011 | S1 | 848 | 0 | 6 |
| 2/28/2011 | S2 | 904 | 0 | 6 |

| | | | | |
|---|---|---|---|---|
| 2/28/2011 | S5 | 734 | 0 | 6 |
| 2/28/2011 | S7 | 759 | 0 | 6 |
| 2/28/2011 | S8 | 713 | 0 | 6 |
| 3/4/2011 | S1 | 735 | 0 | 100 |
| 3/4/2011 | S2 | 751 | 0 | 100 |
| 3/4/2011 | S5 | 653 | 0 | 100 |
| 3/4/2011 | S7 | 637 | 0 | 100 |
| 3/4/2011 | S8 | 706 | 0 | 100 |
| 3/8/2011 | S1 | 735 | 0 | 50 |
| 3/8/2011 | S2 | 747 | 0 | 50 |
| 3/8/2011 | S5 | 651 | 0 | 50 |
| 3/8/2011 | S7 | 637 | 0 | 50 |
| 3/8/2011 | S8 | 706 | 0 | 50 |
| 3/12/2011 | S1 | 651 | 0 | 20 |
| 3/12/2011 | S2 | 709 | 0 | 20 |
| 3/12/2011 | S5 | 614 | 0 | 20 |
| 3/12/2011 | S7 | 633 | 0 | 20 |
| 3/12/2011 | S8 | 601 | 0 | 20 |
| 3/16/2011 | S1 | 741 | 0 | 65 |
| 3/16/2011 | S2 | 755 | 0 | 65 |
| 3/16/2011 | S5 | 656 | 0 | 65 |
| 3/16/2011 | S7 | 642 | 0 | 65 |
| 3/16/2011 | S8 | 711 | 0 | 65 |
| 3/20/2011 | S1 | 706 | 0 | 55 |
| 3/20/2011 | S2 | 719 | 0 | 55 |
| 3/20/2011 | S5 | 629 | 0 | 55 |
| 3/20/2011 | S7 | 647 | 0 | 55 |
| 3/20/2011 | S8 | 618 | 0 | 55 |
| 3/24/2011 | S1 | 749 | 0 | 10 |
| 3/24/2011 | S2 | 800 | 0 | 10 |
| 3/24/2011 | S5 | 703 | 0 | 10 |
| 3/24/2011 | S7 | 650 | 0 | 10 |
| 3/24/2011 | S8 | 718 | 0 | 10 |
| 3/28/2011 | S1 | 736 | 0 | 40 |
| 3/28/2011 | S2 | 749 | 0 | 40 |
| 3/28/2011 | S5 | 651 | 0 | 40 |
| 3/28/2011 | S7 | 636 | 0 | 40 |
| 3/28/2011 | S8 | 705 | 0 | 40 |
| 4/1/2011 | S1 | 820 | 0 | 60 |
| 4/1/2011 | S2 | 832 | 0 | 60 |
| 4/1/2011 | S5 | 729 | 0 | 60 |
| 4/1/2011 | S7 | 714 | 0 | 60 |
| 4/1/2011 | S8 | 743 | 0 | 60 |
| 4/5/2011 | S1 | 712 | 0 | 80 |

| | | | | |
|---|---|---|---|---|
| 4/5/2011 | S2 | 724 | 0 | 80 |
| 4/5/2011 | S5 | 630 | 0 | 80 |
| 4/5/2011 | S7 | 647 | 0 | 80 |
| 4/5/2011 | S8 | 616 | 0 | 80 |
| 4/9/2011 | S1 | 636 | 0 | 95 |
| 4/9/2011 | S2 | 648 | 0 | 95 |
| 4/9/2011 | S5 | 601 | 0 | 95 |
| 4/9/2011 | S7 | 617 | 0 | 95 |
| 4/9/2011 | S8 | 547 | 0 | 95 |
| 4/13/2011 | S1 | 710 | 0 | 10 |
| 4/13/2011 | S2 | 722 | 0 | 10 |
| 4/13/2011 | S5 | 629 | 0 | 10 |
| 4/13/2011 | S7 | 646 | 0 | 10 |
| 4/13/2011 | S8 | 615 | 0 | 10 |
| 4/17/2011 | S1 | 632 | 0 | 15 |
| 4/17/2011 | S2 | 642 | 0 | 15 |
| 4/17/2011 | S5 | 556 | 0 | |
| 4/17/2011 | S7 | 614 | 0 | 15 |
| 4/17/2011 | S8 | 541 | 0 | 15 |
| 4/21/2011 | S1 | 831 | 0 | 15 |
| 4/21/2011 | S2 | 845 | 0 | 15 |
| 4/21/2011 | S5 | 734 | 0 | 15 |
| 4/21/2011 | S7 | 757 | 0 | 15 |
| 4/21/2011 | S8 | 710 | 0 | 15 |
| 4/25/2011 | S1 | 713 | 0 | 75 |
| 4/25/2011 | S2 | 725 | 0 | 75 |
| 4/25/2011 | S5 | 631 | 0 | 75 |
| 4/25/2011 | S7 | 648 | 0 | 75 |
| 4/25/2011 | S8 | 617 | 0 | 75 |
| 4/29/2011 | S1 | 655 | 0 | 15 |
| 4/29/2011 | S2 | 706 | 0 | 15 |
| 4/29/2011 | S5 | 612 | 0 | 15 |
| 4/29/2011 | S7 | 628 | 0 | 15 |
| 4/29/2011 | S8 | 559 | 0 | 15 |
| 5/3/2011 | S1 | 644 | 0 | 90 |
| 5/3/2011 | S2 | 701 | 0 | 90 |
| 5/3/2011 | S5 | 607 | 0 | 90 |
| 5/3/2011 | S7 | 623 | 0 | 90 |
| 5/3/2011 | S8 | 555 | 0 | 90 |
| 5/7/2011 | S1 | 735 | 0 | 100 |
| 5/7/2011 | S2 | 805 | 0 | 100 |
| 5/7/2011 | S5 | 650 | 0 | 100 |
| 5/7/2011 | S7 | 707 | 0 | 100 |
| 5/7/2011 | S8 | 626 | 0 | 100 |

| | | | | |
|---|---|---|---|---|
| 5/11/2011 | S1 | 726 | 0 | 25 |
| 5/11/2011 | S2 | 742 | 0 | 25 |
| 5/11/2011 | S5 | 645 | 0 | 25 |
| 5/11/2011 | S7 | 701 | 0 | 25 |
| 5/11/2011 | S8 | 631 | 0 | 25 |
| 5/15/2011 | S1 | 658 | 0 | 10 |
| 5/15/2011 | S2 | 714 | 0 | 10 |
| 5/15/2011 | S5 | 526 | 0 | 10 |
| 5/15/2011 | S7 | 545 | 0 | 10 |
| 5/15/2011 | S8 | 612 | 0 | 10 |
| 5/19/2011 | S1 | 714 | 0 | 40 |
| 5/19/2011 | S2 | 728 | 0 | 40 |
| 5/19/2011 | S5 | 627 | 0 | 40 |
| 5/19/2011 | S7 | 643 | 0 | 40 |
| 5/19/2011 | S8 | 615 | 0 | 40 |
| 5/23/2011 | S1 | 727 | 0 | 10 |
| 5/23/2011 | S2 | 744 | 0 | 10 |
| 5/23/2011 | S5 | 632 | 0 | 10 |
| 5/23/2011 | S7 | 617 | 0 | 10 |
| 5/23/2011 | S8 | 651 | 0 | 10 |
| 5/27/2011 | S1 | 650 | 0 | 40 |
| 5/27/2011 | S2 | 703 | 0 | 40 |
| 5/27/2011 | S5 | 606 | 0 | 40 |
| 5/27/2011 | S7 | 552 | 0 | 40 |
| 5/27/2011 | S8 | 621 | 0 | 40 |
| 5/31/2011 | S1 | 647 | 0 | 50 |
| 5/31/2011 | S2 | 659 | 0 | 50 |
| 5/31/2011 | S5 | 603 | 0 | 50 |
| 5/31/2011 | S7 | 548 | 0 | 50 |
| 5/31/2011 | S8 | 619 | 0 | 50 |
| 6/4/2011 | S1 | 601 | 0 | 98 |
| 6/4/2011 | S2 | 628 | 0 | 98 |
| 6/4/2011 | S5 | 510 | 0 | 98 |
| 6/4/2011 | S7 | 541 | 0 | 98 |
| 6/4/2011 | S8 | 524 | 0 | 98 |
| 6/8/2011 | S1 | 739 | 0 | 90 |
| 6/8/2011 | S2 | 755 | 0 | 90 |
| 6/8/2011 | S5 | 657 | 0 | 90 |
| 6/8/2011 | S7 | 714 | 0 | 90 |
| 6/8/2011 | S8 | 642 | 0 | 90 |
| 6/12/2011 | S1 | 655 | 0 | 60 |
| 6/12/2011 | S2 | 713 | 0 | 60 |
| 6/12/2011 | S5 | 612 | 0 | 60 |
| 6/12/2011 | S7 | 633 | 0 | 60 |

| | | | | |
|---|---|---|---|---|
| 6/12/2011 | S8 | 554 | 0 | 60 |
| 6/16/2011 | S1 | 703 | 0 | 75 |
| 6/16/2011 | S2 | 712 | 0 | 75 |
| 6/16/2011 | S5 | 615 | 0 | 75 |
| 6/16/2011 | S7 | 601 | 0 | 75 |
| 6/16/2011 | S8 | 631 | 0 | 75 |
| 6/20/2011 | S1 | 706 | 0 | 70 |
| 6/20/2011 | S2 | 719 | 0 | 70 |
| 6/20/2011 | S5 | 620 | 0 | 70 |
| 6/20/2011 | S7 | 605 | 0 | 70 |
| 6/20/2011 | S8 | 635 | 0 | 70 |
| 6/24/2011 | S1 | 708 | 0 | 60 |
| 6/24/2011 | S2 | 727 | 0 | 60 |
| 6/24/2011 | S5 | 632 | 0 | 60 |
| 6/24/2011 | S7 | 647 | 0 | 60 |
| 6/24/2011 | S8 | 617 | 0 | 60 |
| 6/28/2011 | S1 | 744 | 0 | 85 |
| 6/28/2011 | S2 | 759 | 0 | 85 |
| 6/28/2011 | S5 | 643 | 0 | 85 |
| 6/28/2011 | S7 | 720 | 0 | 85 |
| 6/28/2011 | S8 | 659 | 0 | 85 |
| 7/2/2011 | S1 | 639 | 0 | 80 |
| 7/2/2011 | S2 | 652 | 0 | 80 |
| 7/2/2011 | S5 | 602 | 0 | 80 |
| 7/2/2011 | S7 | 620 | 0 | 80 |
| 7/2/2011 | S8 | 549 | 0 | 80 |
| 7/6/2011 | S1 | 719 | 0 | 75 |
| 7/6/2011 | S2 | 733 | 0 | 75 |
| 7/6/2011 | S5 | 639 | 0 | 75 |
| 7/6/2011 | S7 | 655 | 0 | 75 |
| 7/6/2011 | S8 | 626 | 0 | 75 |
| 7/10/2011 | S1 | 735 | 0 | 30 |
| 7/10/2011 | S2 | 745 | 0 | 30 |
| 7/10/2011 | S5 | 646 | 0 | 30 |
| 7/10/2011 | S7 | 702 | 0 | 30 |
| 7/10/2011 | S8 | 633 | 0 | 30 |
| 7/14/2011 | S1 | 706 | 0 | 10 |
| 7/14/2011 | S2 | 717 | 0 | 10 |
| 7/14/2011 | S5 | 621 | 0 | 10 |
| 7/14/2011 | S7 | 636 | 0 | 10 |
| 7/14/2011 | S8 | 604 | 0 | 10 |
| 7/18/2011 | S1 | 751 | 0 | 15 |
| 7/18/2011 | S2 | 805 | 0 | 15 |
| 7/18/2011 | S5 | 657 | 0 | 15 |

| | | | | |
|---|---|---|---|---|
| 7/18/2011 | S7 | 720 | 0 | 15 |
| 7/18/2011 | S8 | 636 | 0 | 15 |
| 7/22/2011 | S1 | 740 | 0 | 35 |
| 7/22/2011 | S2 | 754 | 0 | 35 |
| 7/22/2011 | S5 | 658 | 0 | 35 |
| 7/22/2011 | S7 | 716 | 0 | 35 |
| 7/22/2011 | S8 | 636 | 0 | 35 |
| 7/26/2011 | S1 | 724 | 0 | 10 |
| 7/26/2011 | S2 | 735 | 0 | 10 |
| 7/26/2011 | S5 | 644 | 0 | 10 |
| 7/26/2011 | S7 | 702 | 0 | 10 |
| 7/26/2011 | S8 | 630 | 0 | 10 |
| 7/30/2011 | S1 | 715 | 0 | 40 |
| 7/30/2011 | S2 | 739 | 0 | 40 |
| 7/30/2011 | S5 | 634 | 0 | 40 |
| 7/30/2011 | S7 | 658 | 0 | 40 |
| 7/30/2011 | S8 | 613 | 0 | 40 |
| 8/3/2011 | S1 | 716 | 0 | 95 |
| 8/3/2011 | S2 | 713 | 0 | 55 |
| 8/3/2011 | S5 | 727 | 0 | 40 |
| 8/3/2011 | S7 | 747 | 0 | 20 |
| 8/3/2011 | S8 | 647 | 0 | 20 |
| 8/7/2011 | S1 | 733 | 0 | 30 |
| 8/7/2011 | S2 | 721 | 0 | 80 |
| 8/7/2011 | S5 | 811 | 0 | 20 |
| 8/7/2011 | S7 | 734 | 0 | 95 |
| 8/7/2011 | S8 | 728 | 0 | 55 |
| 8/11/2011 | S1 | 752 | 0 | 40 |
| 8/11/2011 | S2 | 802 | 0 | 20 |
| 8/11/2011 | S5 | 701 | 0 | 20 |
| 8/11/2011 | S7 | 749 | 0 | 30 |
| 8/11/2011 | S8 | 744 | 0 | 80 |
| 8/15/2011 | S1 | 000 | 0 | 20 |
| 8/15/2011 | S2 | 623 | 0 | 95 |
| 8/15/2011 | S5 | 628 | 0 | 55 |
| 8/15/2011 | S7 | 643 | 0 | 40 |
| 8/15/2011 | S8 | 647 | 0 | 20 |
| 8/19/2011 | S1 | 604 | 0 | 20 |
| 8/19/2011 | S2 | 637 | 0 | 30 |
| 8/19/2011 | S5 | 634 | 0 | 80 |
| 8/19/2011 | S7 | 712 | 0 | 20 |
| 8/19/2011 | S8 | 645 | 0 | 95 |
| 8/23/2011 | S1 | 614 | 0 | 55 |
| 8/23/2011 | S2 | 701 | 0 | 40 |

| | | | | |
|---|---|---|---|---|
| 8/23/2011 | S5 | 629 | 0 | 20 |
| 8/23/2011 | S7 | 622 | 0 | 20 |
| 8/23/2011 | S8 | 619 | 0 | 30 |
| 8/27/2011 | S1 | 616 | 0 | 80 |
| 8/27/2011 | S2 | 734 | 0 | 20 |
| 8/27/2011 | S5 | 555 | 0 | 95 |
| 8/27/2011 | S7 | 643 | 0 | 55 |
| 8/27/2011 | S8 | 626 | 0 | 40 |
| 8/31/2011 | S1 | 705 | 0 | 20 |
| 8/31/2011 | S2 | 549 | 0 | 20 |
| 8/31/2011 | S5 | 653 | 0 | 30 |
| 8/31/2011 | S7 | 651 | 0 | 80 |
| 8/31/2011 | S8 | 648 | 0 | 20 |
| 9/4/2011 | S1 | 642 | 0 | 25 |
| 9/4/2011 | S2 | 716 | 0 | 15 |
| 9/4/2011 | S5 | 659 | 0 | 40 |
| 9/4/2011 | S7 | 750 | 0 | 15 |
| 9/4/2011 | S8 | 813 | 0 | 70 |
| 9/8/2011 | S1 | 642 | 0 | 10 |
| 9/8/2011 | S2 | 713 | 0 | 60 |
| 9/8/2011 | S5 | 655 | 0 | 25 |
| 9/8/2011 | S7 | 727 | 0 | 15 |
| 9/8/2011 | S8 | 710 | 0 | 40 |
| 9/12/2011 | S1 | 805 | 0 | 15 |
| 9/12/2011 | S2 | 837 | 0 | 70 |
| 9/12/2011 | S5 | 655 | 0 | 10 |
| 9/12/2011 | S7 | 728 | 0 | 60 |
| 9/12/2011 | S8 | 606 | 0 | 25 |
| 9/16/2011 | S1 | 630 | 0 | 15 |
| 9/16/2011 | S2 | 616 | 0 | 40 |
| 9/16/2011 | S5 | 653 | 0 | 15 |
| 9/16/2011 | S7 | 705 | 0 | 70 |
| 9/16/2011 | S8 | 608 | 0 | 10 |
| 9/20/2011 | S1 | 630 | 0 | 60 |
| 9/20/2011 | S2 | 625 | 0 | 25 |
| 9/20/2011 | S5 | 645 | 0 | 15 |
| 9/20/2011 | S7 | 634 | 0 | 40 |
| 9/20/2011 | S8 | 635 | 0 | 15 |
| 9/24/2011 | S1 | 728 | 0 | 70 |
| 9/24/2011 | S2 | 624 | 0 | 10 |
| 9/24/2011 | S5 | 645 | 0 | 60 |
| 9/24/2011 | S7 | 553 | 0 | 25 |
| 9/24/2011 | S8 | 617 | 0 | 15 |
| 9/28/2011 | S1 | 602 | 0 | 40 |

| | | | | |
|---|---|---|---|---|
| 9/28/2011 | S2 | 713 | 0 | 15 |
| 9/28/2011 | S5 | 642 | 0 | 70 |
| 9/28/2011 | S7 | 550 | 0 | 10 |
| 9/28/2011 | S8 | 614 | 0 | 60 |
| 10/2/2011 | S1 | 656 | 0 | 40 |
| 10/2/2011 | S2 | 712 | 0 | 40 |
| 10/2/2011 | S5 | 610 | 0 | 40 |
| 10/2/2011 | S7 | 630 | 0 | 40 |
| 10/2/2011 | S8 | 550 | 0 | 40 |
| 10/6/2011 | S1 | 724 | 0 | 85 |
| 10/6/2011 | S2 | 737 | 0 | 85 |
| 10/6/2011 | S5 | 634 | 0 | 85 |
| 10/6/2011 | S7 | 650 | 0 | 85 |
| 10/6/2011 | S8 | 620 | 0 | 85 |
| 10/10/2011 | S1 | 738 | 0 | 50 |
| 10/10/2011 | S2 | 753 | 0 | 50 |
| 10/10/2011 | S5 | 651 | 0 | 50 |
| 10/10/2011 | S7 | 707 | 0 | 50 |
| 10/10/2011 | S8 | 638 | 0 | 50 |
| 10/14/2011 | S1 | 726 | 0 | 60 |
| 10/14/2011 | S2 | 740 | 0 | 60 |
| 10/14/2011 | S5 | 636 | 0 | 60 |
| 10/14/2011 | S7 | 653 | 0 | 60 |
| 10/14/2011 | S8 | 620 | 0 | 60 |
| 10/18/2011 | S1 | 806 | 0 | 35 |
| 10/18/2011 | S2 | 820 | 0 | 35 |
| 10/18/2011 | S5 | 722 | 0 | 35 |
| 10/18/2011 | S7 | 741 | 0 | 35 |
| 10/18/2011 | S8 | 705 | 0 | 35 |
| 10/22/2011 | S1 | 717 | 0 | 75 |
| 10/22/2011 | S2 | 732 | 0 | 75 |
| 10/22/2011 | S5 | 626 | 0 | 75 |
| 10/22/2011 | S7 | 649 | 0 | 75 |
| 10/22/2011 | S8 | 606 | 0 | 75 |
| 10/26/2011 | S1 | 726 | 0 | 90 |
| 10/26/2011 | S2 | 741 | 0 | 90 |
| 10/26/2011 | S5 | 647 | 0 | 90 |
| 10/26/2011 | S7 | 704 | 0 | 90 |
| 10/26/2011 | S8 | 633 | 0 | 90 |
| 10/30/2011 | S1 | 643 | 0 | 45 |
| 10/30/2011 | S2 | 000 | 0 | 45 |
| 10/30/2011 | S5 | 612 | 0 | 45 |
| 10/30/2011 | S7 | 627 | 0 | 45 |
| 10/30/2011 | S8 | 556 | 0 | 45 |

| | | | | |
|---|---|---|---|---|
| 11/3/2011 | S1 | 747 | 0 | 30 |
| 11/3/2011 | S2 | 816 | 0 | 30 |
| 11/3/2011 | S5 | 647 | 0 | 30 |
| 11/3/2011 | S7 | 628 | 0 | 30 |
| 11/3/2011 | S8 | 706 | 0 | 30 |
| 11/7/2011 | S1 | 819 | 0 | 30 |
| 11/7/2011 | S2 | 837 | 0 | 30 |
| 11/7/2011 | S5 | 719 | 0 | 30 |
| 11/7/2011 | S7 | 750 | 0 | 30 |
| 11/7/2011 | S8 | 654 | 0 | 30 |
| 11/10/2011 | S1 | 733 | 0 | 55 |
| 11/10/2011 | S2 | 750 | 0 | 55 |
| 11/10/2011 | S5 | 634 | 0 | 55 |
| 11/10/2011 | S7 | 658 | 0 | 55 |
| 11/10/2011 | S8 | 620 | 0 | |
| 11/15/2011 | S1 | 735 | 0 | 15 |
| 11/15/2011 | S2 | 747 | 0 | 15 |
| 11/15/2011 | S5 | 658 | 0 | 15 |
| 11/15/2011 | S7 | 713 | 0 | 15 |
| 11/15/2011 | S8 | 645 | 0 | 15 |
| 11/19/2011 | S1 | 741 | 0 | 95 |
| 11/19/2011 | S2 | 805 | 0 | 95 |
| 11/19/2011 | S5 | 656 | 0 | 95 |
| 11/19/2011 | S7 | 642 | 0 | 95 |
| 11/19/2011 | S8 | 711 | 0 | 95 |
| 11/23/2011 | S1 | 809 | 0 | 60 |
| 11/23/2011 | S2 | 820 | 0 | 60 |
| 11/23/2011 | S5 | 726 | 0 | 60 |
| 11/23/2011 | S7 | 742 | 0 | 60 |
| 11/23/2011 | S8 | 710 | 0 | 60 |
| 11/27/2011 | S1 | 736 | 0 | 75 |
| 11/27/2011 | S2 | 758 | 0 | 75 |
| 11/27/2011 | S5 | 654 | 0 | 75 |
| 11/27/2011 | S7 | 712 | 0 | 75 |
| 11/27/2011 | S8 | 638 | 0 | 75 |
| 12/1/2011 | S1 | 717 | 0 | 70 |
| 12/1/2011 | S2 | 734 | 0 | 70 |
| 12/1/2011 | S5 | 627 | 0 | 70 |
| 12/1/2011 | S7 | 645 | 0 | 70 |
| 12/1/2011 | S8 | 614 | 0 | 70 |
| 12/5/2011 | S1 | 756 | 0 | 55 |
| 12/5/2011 | S2 | 823 | 0 | 55 |
| 12/5/2011 | S5 | 656 | 0 | 55 |
| 12/5/2011 | S7 | 723 | 0 | 55 |

| | | | | |
|---|---|---|---|---|
| 12/5/2011 | S8 | 636 | 0 | 55 |
| 12/9/2011 | S1 | 829 | 0 | 80 |
| 12/9/2011 | S2 | 842 | 0 | 80 |
| 12/9/2011 | S5 | 742 | 0 | 80 |
| 12/9/2011 | S7 | 800 | 0 | 80 |
| 12/9/2011 | S8 | 726 | 0 | 80 |
| 12/13/2011 | S1 | 805 | 0 | 85 |
| 12/13/2011 | S2 | 818 | 0 | 85 |
| 12/13/2011 | S5 | 649 | 0 | 85 |
| 12/13/2011 | S7 | 704 | 0 | 85 |
| 12/13/2011 | S8 | 634 | 0 | 85 |
| 12/17/2011 | S1 | 659 | 0 | 98 |
| 12/17/2011 | S2 | 737 | 0 | 98 |
| 12/17/2011 | S5 | 622 | 0 | 98 |
| 12/17/2011 | S7 | 640 | 0 | 98 |
| 12/17/2011 | S8 | 605 | 0 | 98 |
| 12/21/2011 | S1 | 734 | 0 | 75 |
| 12/21/2011 | S2 | 805 | 0 | 75 |
| 12/21/2011 | S5 | 654 | 0 | 75 |
| 12/21/2011 | S7 | 709 | 0 | 75 |
| 12/21/2011 | S8 | 638 | 0 | 75 |
| 12/25/2011 | S1 | 739 | 0 | 30 |
| 12/25/2011 | S2 | 722 | 0 | 30 |
| 12/25/2011 | S5 | 629 | 0 | 30 |
| 12/25/2011 | S7 | 650 | 0 | 30 |
| 12/25/2011 | S8 | 605 | 0 | 30 |
| 12/29/2011 | S1 | 821 | 0 | 20 |
| 12/29/2011 | S2 | 834 | 0 | 20 |
| 12/29/2011 | S5 | 728 | 0 | 20 |
| 12/29/2011 | S7 | 711 | 0 | 20 |
| 12/29/2011 | S8 | 744 | 0 | 20 |

| Tide hgt (ft) | Tide stage (0154) | Odor Floatable n/p | Wind low (m/h) | Wind high (m/h) | Wind dir (deg) | Water color (0394) | Wea-ther (0108) | Sea state (0109) | Wave hgt (0362) | Wave direction. (se) | Fecal Coliform (No./100ml) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.9 | 1 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 | | |
| 0.8 | 1 | N | 4 | 5 | E | 2 | 1 | 2 | 1 | | |
| 1.1 | 1 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 | | |
| 1.3 | 1 | N | 2 | 3 | E | 2 | 1 | 1 | 0 | | |
| 1.1 | 1 | N | 0 | 1 | E | 2 | 1 | 1 | 0 | | |
| 1.4 | 1 | N | 1 | 2 | N | 1 | 1 | 1 | 0 | | |
| 1.3 | 1 | N | 5 | 6 | NE | 2 | 1 | 1 | 0 | | |
| 1.7 | 1 | N | 3 | 4 | NW | 1 | 2 | 1 | 0 | | |
| 1.6 | 1 | N | 3 | 4 | N | 1 | 2 | 0 | 0 | | |
| 1.8 | 1 | N | 0 | 1 | W | 2 | 2 | 1 | 0 | | |
| 1.2 | 4 | N | 1 | 2 | NE | 2 | 1 | 0 | 0 | | |
| 1.2 | 4 | N | 1 | 2 | N | 2 | 1 | 1 | 0 | | |
| 1.2 | 3 | N | 1 | 2 | N | 2 | 0 | 0 | 0 | | |
| 1.2 | 3 | N | 1 | 2 | N | 2 | 1 | 1 | 0 | | |
| 1.2 | 3 | N | 1 | 2 | NW | 2 | 0 | 1 | 0 | | |
| 0.4 | 1 | N | 1 | 3 | NW | 4 | 0 | 1 | 0 | | |
| 0.4 | 1 | N | 1 | 2 | NW | 2 | 0 | 1 | 0 | | |
| 0.5 | 1 | N | 0 | 1 | N | 2 | 0 | 1 | 0 | | |
| 0.5 | 1 | N | 0 | 1 | NE | 3 | 0 | 1 | 0 | | |
| 0.5 | 1 | N | 0 | 2 | N | 3 | 0 | 1 | 0 | | |
| 0.8 | 1 | N | 4 | 5 | NW | 2 | 1 | 1 | 0 | | |
| 0.7 | 1 | N | 5 | 6 | NW | 2 | 1 | 2 | 1 | | |
| 1.4 | 1 | N | 0 | 1 | E | 2 | 1 | 1 | 0 | | |
| 1.5 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 0 | | |
| 1.2 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 0 | | |
| 1.8 | 1 | N | 1 | 2 | ME | 2 | 1 | 0 | 0 | | |
| 1.7 | 1 | N | 1 | 2 | E | 2 | 1 | 2 | 0 | | |
| 1.9 | 4 | N | 2 | 3 | E | 2 | 1 | 1 | 0 | | |
| 1.8 | 1 | N | 3 | 4 | NE | 2 | 1 | 1 | 0 | | |
| 1.9 | 3 | N | 0 | 1 | N | 2 | 1 | 1 | 0 | | |
| 0.6 | 2 | N | 1 | 2 | E | 2 | 0 | 0 | 0 | | |
| 0.7 | 3 | N | 1 | 2 | E | 1 | 0 | 1 | 0 | | |
| 6 | 1 | N | 1 | 2 | E | 2 | 1 | 0 | 0 | | |
| 0.6 | 1 | N | 1 | 2 | NE | 1 | 1 | 1 | 0 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.6 | 1 | N | 0 | 1 | SE | 1 | 1 | 1 | 0 |
| 0.3 | 1 | N | 3 | 4 | NE | 2 | 0 | 1 | 0 |
| 0.3 | 1 | N | 10 | 12 | NE | 2 | 0 | 1 | 0 |
| 0.7 | 1 | N | 5 | 6 | NE | 2 | 0 | 1 | 0 |
| 0.8 | 1 | N | 7 | 9 | N | 2 | 0 | 1 | 0 |
| 0.6 | 1 | N | 2 | 3 | N | 2 | 0 | 1 | 0 |
| 0.9 | 1 | N | 1 | 2 | NE | 2 | 0 | 0 | 0 |
| 0.8 | 1 | N | 0 | 1 | NE | 2 | 0 | 2 | 1 |
| 1.3 | 1 | N | 0 | 1 | NE | 2 | 0 | 1 | 0 |
| 1.4 | 1 | N | 2 | 3 | NE | 2 | 0 | 1 | 0 |
| 1.2 | 1 | N | 1 | 2 | N | 2 | 0 | 1 | 0 |
| 1.1 | 1 | N | 1 | 2 | E | 2 | 1 | 0 | 0 |
| 1.1 | 1 | N | 5 | 6 | E | 2 | 1 | 1 | 0 |
| 1.2 | 1 | N | 1 | 2 | N | 2 | 1 | 0 | 0 |
| 1.2 | 1 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 |
| 1.2 | 4 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 0.4 | 1 | N | 1 | 2 | NE | 2 | 1 | 0 | 0 |
| 0.4 | 1 | N | 1 | 2 | N | 1 | 1 | 1 | 0 |
| 0.5 | 1 | N | 1 | 2 | E | 2 | 1 | 0 | 0 |
| 0.5 | 1 | N | 0 | 1 | NE | 1 | 1 | 1 | 0 |
| 0.5 | 1 | N | 1 | 2 | E | 2 | 1 | 1 | 0 |
| 0.6 | 1 | N | 6 | 7 | E | 2 | 1 | 1 | 0 |
| 0.4 | 1 | N | 10 | 11 | E | 1 | 1 | 1 | 0 |
| 0.8 | 1 | N | 5 | 6 | E | 2 | 1 | 1 | 0 |
| 0.7 | 1 | N | 4 | 5 | SE | 2 | 5 | 1 | 0 |
| 0.9 | 1 | N | 2 | 3 | N | 2 | 1 | 1 | 0 |
| 1.2 | 1 | N | 0 | 1 | N | 2 | 1 | 0 | 0 |
| 1.1 | 1 | N | 0 | 1 | E | 2 | 1 | 1 | 0 |
| 1.4 | 1 | N | 0 | 1 | NE | 2 | 1 | 0 | 0 |
| 1.3 | 1 | N | 0 | 1 | N | 2 | 1 | 5 | 0 |
| 1.5 | 1 | N | 0 | 1 | E | 2 | 1 | 5 | 0 |
| 0.6 | 3 | N | 1 | 2 | N | 2 | 1 | 1 | 0 |
| 0.6 | 3 | N | 2 | 3 | N | 2 | 1 | 1 | 0 |
| 0.5 | 3 | N | 0 | 1 | NW | 2 | 1 | 1 | 0 |
| 0.5 | 3 | N | 2 | 3 | N | 2 | 1 | 1 | 0 |
| 0.5 | 3 | N | 0 | 1 | NW | 2 | 1 | 1 | 0 |
| 0.1 | 2 | N | 2 | 3 | NW | 1 | 0 | 0 | 0 |
| 0.1 | 2 | N | 1 | 2 | SW | 1 | 0 | 1 | 0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.2 | 1 | N | 0 | 1 | NE | 1 | 0 | 0 | 0 |
| 0.1 | 1 | N | 2 | 4 | W | 1 | 0 | 0 | 0 |
| 0.2 | 1 | N | 0 | 1 | N | 1 | 1 | 1 | 0 |
| 0.6 | 1 | N | 6 | 7 | SW | 2 | 2 | 1 | 0 |
| 0.5 | 1 | N | 7 | 8 | SW | 2 | 2 | 2 | 1 |
| 0.9 | 1 | N | 7 | 9 | SW | 3 | 5 | 1 | 0 |
| 1 | 1 | N | 8 | 9 | SW | 3 | 2 | 2 | 1 |
| 0.8 | 1 | N | 6 | 7 | SW | 3 | 2 | 2 | 1 |
| 0.8 | 1 | N | 2 | 3 | NE | 2 | 1 | 1 | 0 |
| 0.7 | 1 | N | 6 | 8 | NE | 2 | 1 | 2 | 1 |
| 1 | 1 | N | 0 | 1 | NW | 2 | 1 | 1 | 0 |
| 1.1 | 1 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 |
| 0.9 | 1 | N | 0 | 1 | W | 2 | 1 | 1 | 0 |
| 0.4 | 3 | N | 1 | 2 | NE | 2 | 0 | 0 | 0 |
| 0.4 | 3 | N | 1 | 2 | E | 1 | 0 | 1 | 0 |
| 0.4 | 3 | N | 1 | 2 | NE | 2 | 0 | 0 | 0 |
| 0.4 | 3 | N | 1 | 2 | NE | 3 | 0 | 2 | 0 |
| 0.4 | 3 | N | 1 | 2 | SE | 2 | 0 | 1 | 0 |
| -0.1 | 1 | N | 4 | 6 | NE | 2 | 1 | 1 | 0 |
| -0.1 | 1 | N | 14 | 18 | NE | 2 | 1 | 2 | 0 |
| 0.1 | 1 | N | 5 | 6 | NE | 2 | 1 | 1 | 0 |
| 0.2 | 1 | N | 4 | 6 | NE | 2 | 1 | 1 | 0 |
| 0.1 | 1 | N | 1 | 2 | SE | 2 | 1 | 1 | 0 |
| 0.8 | 1 | N | 4 | 5 | NE | 2 | 5 | 0 | 0 |
| 0.7 | 1 | N | 7 | 8 | E | 1 | 1 | 1 | 0 |
| 1 | 1 | N | 2 | 3 | E | 2 | 5 | 0 | 0 |
| 0.9 | 1 | N | 2 | 3 | NE | 3 | 5 | 1 | 0 |
| 1.1 | 1 | N | 1 | 2 | SE | 2 | 1 | 1 | 0 |
| 0.5 | 4 | N | 3 | 4 | E | 2 | 1 | 1 | 0 |
| 0.5 | 4 | N | 4 | 6 | E | 2 | 1 | 2 | 0 |
| 0.5 | 4 | N | 5 | 7 | E | 2 | 1 | 1 | 0 |
| 0.5 | 3 | N | 5 | 7 | E | 2 | 1 | 1 | 0 |
| 0.5 | 4 | N | 2 | 3 | SE | 2 | 1 | 1 | 0 |
| 0.1 | 2 | N | 2 | 4 | NE | 2 | 1 | 1 | 0 |
| 0.1 | 2 | N | 8 | 9 | NE | 2 | 1 | 1 | 0 |
| 0.1 | 1 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 |
| 0.1 | 1 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 |
| 0.1 | 1 | N | 1 | 2 | N | 2 | 1 | 1 | 0 |
| -0.1 | 1 | N | 2 | 3 | NE | 2 | 1 | 1 | 0 |
| -0.1 | 1 | N | 2 | 3 | E | 2 | 1 | 1 | 0 |
| 0.1 | 1 | N | 2 | 3 | E | 2 | 1 | 1 | 0 |
| 0.2 | 1 | N | 2 | 3 | NE | 2 | 1 | 2 | 1 |
| 0 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 0.4 | 1 | N | 2 | 3 | E | 2 | 1 | 1 | 0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 1 | N | 1 | 2 | E | 2 | 1 | 2 | 1 |
| 0.6 | 1 | N | 2 | 4 | E | 2 | 1 | 1 | 0 |
| 0.5 | 1 | N | 1 | 2 | E | 2 | 1 | 2 | 1 |
| 0.6 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 0.4 | 3 | N | 1 | 2 | E | 3 | 2 | 0 | 0 |
| 0.4 | 3 | N | 2 | 3 | E | 1 | 2 | 1 | 0 |
| 0.4 | 3 | N | 1 | 2 | NE | 2 | 2 | 1 | 0 |
| 0.4 | 3 | N | 1 | 2 | E | 3 | 2 | 1 | 0 |
| 0.3 | 3 | N | 1 | 2 | W | 2 | 2 | 1 | 0 |
| -0.1 | 2 | N | 0 | 1 | NE | 2 | 1 | 0 | 0 |
| -0.1 | 2 | N | 2 | 3 | NW | 1 | 1 | 1 | 0 |
| -0.1 | 1 | N | 1 | 2 | NE | 2 | 0 | 0 | 0 |
| -0.1 | 1 | N | 0 | 1 | NE | 2 | 0 | 1 | 0 |
| -0.1 | 1 | N | 1 | 2 | N | 2 | 0 | 1 | 0 |
| 0.2 | 1 | N | 0 | 1 | NE | 2 | 1 | 0 | 0 |
| 0.1 | 1 | N | 1 | 2 | N | 1 | 1 | 1 | 0 |
| | | | | | | | | | |
| 0.3 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 0.4 | 1 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 |
| 0.2 | 1 | N | 0 | 1 | NE | 1 | 1 | 0 | 0 |
| 0.2 | 1 | N | 0 | 1 | S | 1 | 1 | 1 | 0 |
| 0.4 | 1 | N | 1 | 2 | NE | 1 | 1 | 1 | 0 |
| 0.3 | 1 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 |
| 0.4 | 1 | N | 0 | 1 | E | 3 | 0 | 1 | 0 |
| 0.1 | 3 | N | 1 | 2 | E | 2 | 2 | 0 | 0 |
| 0.1 | 3 | N | 2 | 3 | N | 1 | 2 | 1 | 0 |
| 0.1 | 3 | N | 2 | 3 | NE | 2 | 2 | 0 | 0 |
| 0.1 | 3 | N | 2 | 3 | E | 2 | 2 | 1 | 0 |
| 0.1 | 3 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 |
| -0.1 | 1 | N | 1 | 2 | NE | 2 | 1 | 0 | 0 |
| -0.1 | 1 | N | 1 | 2 | NE | 1 | 1 | 1 | 0 |
| 0.1 | 1 | N | 2 | 3 | NE | 2 | 0 | 0 | 0 |
| 0 | 1 | N | 1 | 2 | N | 3 | 0 | 1 | 0 |
| 0.1 | 1 | N | 2 | 3 | N | 2 | 0 | 1 | 0 |
| 0.2 | 1 | N | 0 | 1 | N | 4 | 1 | 1 | 0 |
| 0.1 | 1 | N | 2 | 3 | NE | 2 | 1 | 1 | 0 |
| 0.5 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 0.3 | 1 | N | 0 | 1 | N | 2 | 2 | 1 | 0 |
| 0.5 | 1 | N | 0 | 1 | N | 3 | 2 | 1 | 0 |
| 0.5 | 4 | N | 2 | 3 | NE | 1 | 2 | 0 | 0 |
| 0.3 | 1 | N | 8 | 9 | NE | 1 | 5 | 1 | 0 |
| 0.5 | 3 | N | 3 | 4 | N | 1 | 2 | 0 | 0 |
| 0.5 | 3 | N | 4 | 5 | NE | 2 | 2 | 0 | 0 |
| 0.5 | 3 | N | 1 | 2 | SE | 2 | 2 | 1 | 0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.1 | 3 | N | 1 | 2 | NE | 2 | 1 | 0 | 0 |
| 0.2 | 3 | N | 1 | 2 | E | 1 | 1 | 1 | 0 |
| 0 | 3 | N | 1 | 2 | NE | 2 | 1 | 0 | 0 |
| 0 | 3 | N | 0 | 1 | NE | 3 | 1 | 2 | 0 |
| -0.1 | 3 | N | 0 | 1 | N | 2 | 1 | 0 | 0 |
| -0.4 | 1 | N | 0 | 1 | NE | 2 | 1 | 0 | 0 |
| -0.4 | 1 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 |
| 0 | 1 | N | 0 | 1 | NE | 2 | 0 | 1 | 0 |
| -0.1 | 1 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 |
| -0.2 | 1 | N | 1 | 2 | SE | 2 | 1 | 1 | 0 |
| 0.3 | 1 | N | 0 | 1 | E | 2 | 1 | 1 | 0 |
| 0.2 | 1 | N | 0 | 1 | E | 2 | 1 | 1 | 0 |
| 0.3 | 1 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 |
| 0.3 | 1 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 |
| 0.4 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 0.4 | 3 | N | 1 | 4 | NE | 2 | 1 | 1 | 0 |
| 0.4 | 3 | N | 3 | 5 | E | 2 | 1 | 1 | 0 |
| 0.2 | 3 | N | 2 | 3 | NE | 2 | 0 | 1 | 0 |
| 0.2 | 3 | N | 0 | 1 | NE | 3 | 0 | 1 | 0 |
| 0.2 | 3 | N | 1 | 4 | N | 2 | 0 | 1 | 0 |
| -0.1 | 3 | N | 2 | 3 | NE | 2 | 1 | 1 | 0 |
| -0.1 | 3 | N | 10 | 12 | NE | 2 | 1 | 1 | 0 |
| -0.1 | 1 | N | 3 | 4 | NE | 2 | 1 | 1 | 0 |
| -0.1 | 1 | N | 5 | 6 | E | 2 | 1 | 1 | 0 |
| -0.1 | 2 | N | 2 | 3 | NE | 2 | 1 | 1 | 0 |
| 0 | 1 | N | 3 | 5 | NE | 2 | 1 | 1 | 0 |
| -0.1 | 1 | N | 2 | 4 | NE | 2 | 1 | 1 | 0 |
| 0.1 | 1 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 |
| 0.2 | 1 | N | 4 | 5 | E | 2 | 1 | 1 | 0 |
| 0.1 | 1 | N | 2 | 3 | E | 2 | 1 | 1 | 0 |
| 0.5 | 1 | N | 3 | 4 | NE | 2 | 5 | 0 | 0 |
| 0.4 | 1 | N | 1 | 2 | NE | 2 | 2 | 1 | 0 |
| 0.5 | 3 | N | 1 | 2 | NE | 2 | 5 | 0 | 0 |
| 0.5 | 4 | N | 1 | 2 | NE | 2 | 6 | 1 | 0 |
| 0.5 | 4 | N | 1 | 2 | NE | 2 | 5 | 1 | 0 |
| 0.6 | 3 | N | 3 | 4 | NE | 2 | 2 | 0 | 0 |
| 0.7 | 3 | N | 6 | 8 | E | 1 | 2 | 1 | 0 |
| 0.5 | 3 | N | 2 | 3 | E | 2 | 2 | 0 | 0 |
| 0.5 | 3 | N | 3 | 4 | NE | 2 | 2 | 1 | 0 |
| 0.4 | 3 | N | 1 | 2 | E | 1 | 2 | 1 | 0 |
| -0.4 | 3 | N | 1 | 2 | N | 1 | 1 | 0 | 0 |
| -0.3 | 3 | N | 9 | 10 | E | 1 | 1 | 0 | 0 |
| -0.4 | 1 | N | 0 | 1 | E | 1 | 1 | 0 | 0 |
| -0.4 | 2 | N | 2 | 3 | E | 2 | 1 | 1 | 0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| -0.3 | 1 | N | 0 | 1 | N | 1 | 1 | 0 | 0 |
| 0.1 | 1 | N | 4 | 5 | NE | 2 | 1 | 1 | 0 |
| 0 | 1 | N | 6 | 7 | NE | 2 | 1 | 1 | 0 |
| 0.3 | 1 | N | 3 | 5 | E | 2 | 1 | 1 | 0 |
| 0.4 | 1 | N | 2 | 3 | E | 2 | 1 | 1 | 0 |
| 0.2 | 1 | N | 3 | 4 | NE | 2 | 1 | 1 | 0 |
| 0.7 | 3 | N | 2 | 3 | NE | 2 | 1 | 1 | 0 |
| 0.7 | 3 | N | 2 | 3 | NE | 2 | 1 | 2 | 1 |
| 0.7 | 3 | N | 2 | 3 | E | 2 | 5 | 1 | 0 |
| 0.6 | 3 | N | 1 | 3 | NE | 2 | 1 | 2 | 0 |
| 0.7 | 3 | N | 1 | 2 | NW | 2 | 1 | 1 | 0 |
| 0.4 | 3 | N | 3 | 4 | NE | 2 | 1 | 1 | 0 |
| 0.5 | 3 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 |
| 0.3 | 3 | N | 4 | 7 | NE | 2 | 1 | 1 | 0 |
| 0.3 | 3 | N | 3 | 5 | NE | 2 | 1 | 2 | 1 |
| 0.3 | 3 | N | 1 | 2 | E | 2 | 1 | 1 | 0 |
| -0.1 | 3 | N | 3 | 4 | NE | 2 | 1 | 0 | 0 |
| -0.1 | 3 | N | 5 | 7 | E | 1 | 5 | 1 | 0 |
| -0.2 | 1 | N | 2 | 3 | NE | 2 | 2 | 0 | 0 |
| -0.2 | 3 | N | 3 | 4 | NE | 3 | 1 | 1 | 0 |
| -0.2 | 2 | N | 2 | 3 | NE | 1 | 2 | 0 | 0 |
| 0.4 | 1 | N | 0 | 1 | E | 2 | 1 | 0 | 0 |
| 0.4 | 1 | N | 1 | 2 | E | 2 | 1 | 1 | 0 |
| 0.5 | 1 | N | 1 | 2 | S | 2 | 1 | 0 | 0 |
| 0.5 | 1 | N | 0 | 1 | SE | 3 | 1 | 1 | 0 |
| 0.6 | 1 | N | 0 | 1 | SE | 2 | 2 | 1 | 0 |
| 1 | 3 | N | 3 | 4 | E | 2 | 1 | 1 | 0 |
| 1.1 | 3 | N | 11 | 12 | E | 2 | 6 | 2 | 0 |
| 0.9 | 3 | N | 5 | 6 | N | 2 | 5 | 1 | 0 |
| 1 | 3 | N | 4 | 6 | NE | 2 | 1 | 2 | 0 |
| 0.9 | 3 | N | 1 | 2 | S | 2 | 1 | 1 | 0 |
| 0.1 | 3 | N | 4 | 5 | NE | 2 | 1 | 1 | 0 |
| 0.2 | 3 | N | 4 | 5 | NE | 2 | 1 | 1 | 0 |
| 0 | 3 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 |
| 0 | 3 | N | 1 | 2 | E | 2 | 1 | 1 | 1 |
| -0.1 | 3 | N | 1 | 2 | NW | 2 | 0 | 1 | 0 |
| -0.1 | 1 | N | 1 | 2 | E | 2 | 0 | 0 | 0 |
| -0.1 | 1 | N | 2 | 3 | E | 1 | 0 | 1 | 0 |
| 0.1 | 1 | N | 0 | 1 | E | 2 | 0 | 0 | 0 |
| 0 | 1 | N | 3 | 4 | NE | 3 | 0 | 1 | 0 |
| 0.2 | 1 | N | 0 | 1 | SW | 2 | 0 | 1 | 0 |
| 0.9 | 1 | N | 2 | 3 | NE | 1 | 1 | 0 | 0 |
| 0.8 | 1 | N | 2 | 3 | NE | 1 | 1 | 2 | 1 |
| 1 | 1 | N | 4 | 5 | E | 1 | 1 | 0 | 0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.9 | 1 | N | 3 | 4 | E | 2 | 1 | 2 | 1 |
| 1 | 4 | N | 1 | 2 | SE | 2 | 0 | 1 | 0 |
| 1.1 | 3 | N | 0 | 1 | NE | 1 | 1 | 0 | 0 |
| 1.2 | 3 | N | 1 | 2 | NE | 1 | 1 | 1 | 0 |
| 1 | 3 | N | 1 | 2 | NE | 1 | 1 | 0 | 0 |
| 1 | 3 | N | 2 | 3 | NE | 1 | 1 | 1 | 0 |
| 0.9 | 3 | N | 1 | 2 | N | 1 | 1 | 0 | 0 |
| 0.2 | 3 | N | 1 | 2 | N | 2 | 0 | 0 | 0 |
| 0.2 | 3 | N | 1 | 2 | E | 2 | 0 | 1 | 0 |
| 0 | 3 | N | 0 | 1 | NE | 2 | 0 | 0 | 0 |
| 0.1 | 3 | N | 1 | 2 | NE | 6 | 0 | 1 | 0 |
| 0 | 3 | N | 0 | 1 | NE | 2 | 0 | 1 | 0 |
| 0.1 | 1 | N | 3 | 5 | E | 1 | 1 | 0 | 0 |
| 0 | 1 | N | 4 | 5 | NE | 1 | 1 | 1 | 0 |
| 0.3 | 1 | N | 1 | 3 | NE | 1 | 1 | 0 | 0 |
| 0.1 | 1 | N | 0 | 1 | E | 1 | 1 | 1 | 0 |
| 0.4 | 1 | N | 0 | 1 | NW | 1 | 1 | 0 | 0 |
| 1.5 | 4 | N | 1 | 2 | S | 1 | 1 | 0 | 0 |
| 0.7 | 3 | N | 1 | 3 | E | 3 | 1 | 0 | 0 |
| -0.1 | 1 | N | 6 | 8 | NE | 2 | 1 | 1 | 0 |
| 0.8 | 1 | N | 3 | 6 | NE | 2 | 1 | 1 | 0 |
| 1.5 | 3 | N | 2 | 3 | E | 2 | 0 | 0 | 0 |
| 0.7 | 3 | N | 2 | 4 | E | 2 | 1 | 1 | 0 |
| 0.1 | 1 | N | 1 | 2 | NE | 2 | 1 | 0 | 0 |
| 1.2 | 1 | N | 2 | 3 | NE | 2 | 1 | 1 | 1 |
| 1.5 | 1 | N | 8 | 9 | NE | 3 | 1 | 1 | 0 |
| 0.8 | 3 | N | 2 | 4 | E | 2 | 1 | 1 | 0 |
| -0.1 | 1 | N | 4 | 5 | E | 1 | 1 | 1 | 0 |
| 0.7 | 1 | N | 4 | 6 | NE | 2 | 1 | 1 | 0 |
| 1.5 | 3 | N | 6 | 7 | E | 2 | 1 | 2 | 0 |
| 0.8 | 3 | N | 2 | 4 | NE | 2 | 1 | 1 | 0 |
| 0 | 1 | N | 0 | 2 | NE | 2 | 1 | 1 | 0 |
| | | | | | | | | | |
| 1.5 | 3 | N | 2 | 4 | E | 1 | 1 | 0 | 0 |
| 0.5 | 3 | N | 2 | 4 | E | 2 | 1 | 1 | 0 |
| 0.1 | 1 | N | 4 | 5 | NE | 2 | 1 | 0 | 0 |
| 1.1 | 1 | N | 1 | 3 | NE | 2 | 1 | 1 | 0 |
| 1.3 | 3 | N | 2 | 3 | E | 2 | 0 | 1 | 0 |
| 0.5 | 3 | N | 2 | 3 | NE | 2 | 1 | 1 | 0 |
| 0.2 | 1 | N | 0 | 1 | NE | 2 | 1 | 0 | 0 |
| 1.6 | 1 | N | 1 | 3 | NE | 1 | 1 | 1 | 0 |
| 1.5 | 3 | N | 2 | 4 | NE | 3 | 1 | 1 | 0 |
| 0.4 | 3 | N | 1 | 2 | NE | 3 | 1 | 1 | 0 |
| 0 | 1 | N | 1 | 2 | NE | 3 | 1 | 2 | 0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1.1 | 1 | N | 2 | 4 | NE | 3 | 0 | 1 | 0 |
| 1.4 | 3 | N | 1 | 2 | NE | 2 | 0 | 1 | 0 |
| 0.4 | 3 | N | 1 | 2 | E | 3 | 1 | 1 | 0 |
| 0.3 | 1 | N | 2 | 3 | NE | 3 | 1 | 1 | 0 |
| 1.5 | 1 | N | 2 | 4 | NE | 2 | 1 | 4 | 1 |
| 1.4 | 3 | N | 0 | 1 | N | 2 | 2 | 2 | 1 |
| 0.6 | 3 | N | 0 | 3 | N | 2 | 5 | 1 | 0 |
| 0.1 | 1 | N | 0 | 1 | S | 2 | 1 | 1 | 0 |
| 1 | 1 | N | 0 | 1 | N | 3 | 0 | 1 | 0 |
| 1.3 | 3 | N | 1 | 2 | SW | 2 | 0 | 1 | 0 |
| 0.5 | 3 | N | 0 | 2 | SE | 2 | 1 | 1 | 0 |
| 0.2 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 1.8 | 1 | N | 1 | 2 | W | 4 | 1 | 2 | 1 |
| 1.2 | 3 | N | 2 | 3 | NE | 2 | 0 | 0 | 0 |
| 0.2 | 2 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 0.9 | 1 | N | 3 | 4 | E | 2 | 1 | 0 | 0 |
| 1.6 | 1 | N | 0 | 1 | E | 2 | 1 | 1 | 0 |
| 1.6 | 3 | N | 2 | 4 | NE | 1 | 1 | 1 | 0 |
| 0.1 | 1 | N | 4 | 5 | SW | 2 | 0 | 0 | 0 |
| 1.5 | 1 | N | 2 | 3 | NE | 2 | 1 | 1 | 0 |
| 1.3 | 3 | N | 1 | 2 | E | 2 | 1 | 1 | 0 |
| 0.2 | 3 | N | 3 | 4 | NW | 2 | 1 | 1 | 0 |
| 0.8 | 1 | N | 3 | 4 | E | 2 | 1 | 2 | 0 |
| 1.6 | 1 | N | 7 | 9 | E | 3 | 1 | 1 | 1 |
| 1.6 | 3 | N | 1 | 3 | NE | 2 | 1 | 2 | 1 |
| 0.1 | 1 | N | 3 | 4 | E | 1 | 0 | 1 | 0 |
| 1.3 | 1 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 |
| 0.9 | 3 | N | 1 | 2 | NE | 2 | 1 | 0 | 0 |
| 0.2 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 1.2 | 1 | N | 1 | 2 | SE | 2 | 1 | 0 | 0 |
| 1.8 | 1 | N | 3 | 5 | E | 2 | 0 | 1 | 0 |
| 1.2 | 3 | N | 4 | 6 | NE | 1 | 1 | 0 | 0 |
| 0.3 | 1 | N | 0 | 1 | NE | 2 | 0 | 0 | 0 |
| 1.8 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 1.1 | 3 | N | 0 | 1 | NE | 3 | 0 | 1 | 0 |
| 0.2 | 1 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 |
| 1.1 | 1 | N | 1 | 2 | N | 3 | 1 | 2 | 0 |
| 1.8 | 4 | N | 1 | 2 | E | 3 | 1 | 1 | 0 |
| 1.3 | 3 | N | 2 | 3 | NE | 2 | 1 | 1 | 0 |
| 0.2 | 1 | N | 1 | 2 | NE | 3 | 0 | 1 | 0 |
| 1.7 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 0.8 | 3 | N | 1 | 2 | W | 2 | 5 | 1 | 0 |
| 0.2 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 1.3 | 1 | N | 1 | 2 | W | 2 | 1 | 1 | 0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1.7 | 1 | N | 0 | 1 | N | 3 | 1 | 1 | 0 |
| 1.1 | 3 | N | 0 | 3 | E | 2 | 1 | 1 | 1 |
| 0.4 | 1 | N | 1 | 2 | NE | 2 | 0 | 1 | 0 |
| 1.9 | 1 | N | 0 | 1 | N | 2 | 1 | 0 | 0 |
| 2 | 3 | N | 0 | 1 | SE | 1 | 1 | 0 | 0 |
| 2.1 | 3 | N | 2 | 4 | NE | 3 | 1 | 1 | 0 |
| 1.8 | 3 | N | 2 | 3 | SE | 1 | 1 | 0 | 0 |
| 1.9 | 3 | N | 1 | 2 | SE | 1 | 1 | 0 | 0 |
| 1.6 | 3 | N | 0 | 1 | SW | 1 | 1 | 0 | 0 |
| 0.7 | 3 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 |
| 0.7 | 3 | N | 7 | 8 | E | 2 | 1 | 2 | 1 |
| 0.5 | 3 | N | 3 | 5 | NE | 2 | 1 | 1 | 0 |
| 0.5 | 3 | N | 4 | 6 | NE | 2 | 1 | 1 | 0 |
| 0.5 | 3 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 0.6 | 1 | N | 1 | 2 | E | 2 | 1 | 1 | 0 |
| 0.5 | 1 | N | 4 | 5 | E | 2 | 1 | 1 | 0 |
| 1 | 1 | N | 3 | 4 | E | 2 | 1 | 1 | 0 |
| 0.9 | 1 | N | 3 | 4 | E | 2 | 1 | 1 | 0 |
| 1 | 1 | N | 0 | 1 | E | 2 | 1 | 1 | 0 |
| 1.6 | 1 | N | 1 | 2 | E | 2 | 1 | 1 | 0 |
| 1.5 | 1 | N | 1 | 2 | E | 2 | 1 | 2 | 1 |
| 1.9 | 1 | N | 1 | 2 | N | 2 | 1 | 1 | 0 |
| 1.8 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 2 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 0 |
| 1.8 | 3 | N | 1 | 2 | NE | 2 | 1 | 0 | 0 |
| 1.8 | 3 | N | 1 | 2 | NE | 2 | 1 | 2 | 0 |
| 1.8 | 3 | N | 1 | 2 | E | 2 | 1 | 1 | 0 |
| 1.8 | 3 | N | 1 | 2 | E | 3 | 1 | 2 | 0 |
| 1.7 | 3 | N | 1 | 2 | N | 2 | 1 | 1 | 0 |
| 0.5 | 3 | N | 0 | 1 | N | 1 | 1 | 0 | 0 |
| 0.6 | 3 | N | 1 | 2 | N | 1 | 1 | 1 | 0 |
| 0.4 | 3 | N | 0 | 1 | NE | 1 | 1 | 0 | 0 |
| 0.5 | 3 | N | 0 | 1 | N | 1 | 1 | 1 | 0 |
| 0.4 | 3 | N | 0 | 1 | N | 1 | 1 | 0 | 0 |
| 1.2 | 1 | N | 3 | 4 | NE | 2 | 2 | 1 | 0 |
| 1.1 | 1 | N | 3 | 4 | E | 2 | 2 | 2 | 0 |
| 1.5 | 1 | N | 1 | 2 | NE | 2 | 2 | 1 | 0 |
| 14 | 1 | N | 3 | 4 | E | 2 | 2 | 2 | 0 |
| 1.6 | 1 | N | 1 | 2 | E | 2 | 2 | 1 | 0 |
| 2.4 | 4 | N | 2 | 3 | NE | 2 | 1 | 1 | 0 |
| | | | | | | | | | |
| 2.4 | 3 | N | 1 | 2 | E | 2 | 1 | 1 | 0 |
| 2.4 | 3 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 |
| 2.3 | 3 | N | 1 | 2 | N | 2 | 1 | 1 | 0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1.2 | 3 | N | 1 | 3 | E | 3 | 1 | 1 | 0 |
| 1.3 | 3 | N | 7 | 9 | E | 3 | 5 | 1 | 1 |
| 1 | 3 | N | 1 | 4 | E | 2 | 5 | 1 | 0 |
| 1 | 3 | N | 2 | 4 | E | 3 | 1 | 1 | 0 |
| 1.1 | 3 | N | 1 | 3 | SE | 2 | 1 | 1 | 0 |
| 0.5 | 1 | N | 2 | 4 | NE | 1 | 5 | 0 | 0 |
| 0.5 | 1 | N | 2 | 3 | NE | 1 | 1 | 1 | 0 |
| 0.6 | 1 | N | 0 | 1 | NE | 1 | 1 | 0 | 0 |
| 0.5 | 1 | N | 2 | 6 | NE | 1 | 1 | 0 | 0 |
| 0.7 | 1 | N | 0 | 1 | N | 1 | 1 | 1 | 0 |
| 1.1 | 1 | N | 4 | 6 | E | 2 | 1 | 1 | 0 |
| 1 | 1 | N | 3 | 5 | E | 2 | 1 | 1 | 0 |
| 1.5 | 1 | N | 1 | 2 | E | 2 | 1 | 1 | 0 |
| 1.4 | 1 | N | 4 | 5 | E | 2 | 1 | 1 | 0 |
| | | | | | | | | | |
| 2.1 | 1 | N | 0 | 1 | N | 2 | 0 | 1 | 0 |
| 2.1 | 1 | N | 2 | 3 | NW | 2 | 0 | 1 | 1 |
| 2.1 | 4 | N | 0 | 1 | NE | 2 | 0 | 1 | 0 |
| 2.1 | 4 | N | 0 | 1 | NE | 2 | 0 | 1 | 1 |
| 2.1 | 3 | N | 0 | 1 | NW | 2 | 0 | 1 | 0 |
| 1.3 | 3 | N | 1 | 3 | E | 2 | 1 | 1 | 0 |
| 1.3 | 3 | N | 12 | 15 | NE | 2 | 1 | 1 | 0 |
| 1.1 | 3 | N | 3 | 6 | E | 2 | 5 | 1 | 0 |
| 1 | 3 | N | 2 | 4 | E | 2 | 5 | 1 | 0 |
| 1.1 | 3 | N | 0 | 1 | N | 2 | 5 | 1 | 0 |
| 0.5 | 1 | N | 3 | 4 | NE | 2 | 5 | 1 | 0 |
| 0.5 | 1 | N | 3 | 5 | NE | 2 | 1 | 1 | 0 |
| 0.7 | 1 | N | 3 | 4 | NE | 2 | 1 | 1 | 0 |
| 0.7 | 1 | N | 4 | 6 | NE | 2 | 5 | 1 | 0 |
| 0.8 | 1 | N | 1 | 2 | NW | 2 | 1 | 1 | 0 |
| 2.2 | 1 | N | 1 | 3 | NE | 3 | 1 | 1 | 0 |
| 2 | 1 | N | 0 | 2 | NE | 3 | 1 | 1 | 0 |
| 2.3 | 1 | N | 2 | 5 | NE | 2 | 1 | 1 | 0 |
| 2.3 | 1 | N | 3 | 6 | NE | 2 | 1 | 1 | 0 |
| 2.4 | 1 | N | 1 | 4 | N | 3 | 1 | 1 | 0 |
| 1.6 | 3 | N | 1 | 2 | W | 2 | 5 | 0 | 0 |
| 1.6 | 3 | N | 2 | 3 | W | 1 | 1 | 1 | 0 |
| 1.4 | 3 | N | 2 | 3 | NW | 2 | 1 | 0 | 0 |
| 1.4 | 3 | N | 1 | 2 | N | 2 | 5 | 1 | 0 |
| 1.3 | 3 | N | 1 | 2 | N | 2 | 1 | 1 | 0 |
| 0.7 | 3 | N | 1 | 4 | NE | 1 | 1 | 0 | 0 |
| 0.7 | 3 | N | 0 | 1 | NE | 1 | 1 | 1 | 0 |
| 0.7 | 1 | N | 0 | 1 | N | 1 | 1 | 0 | 0 |
| 0.7 | 2 | N | 1 | 2 | N | 1 | 1 | 1 | 0 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0.7 | 1 | N | 0 | 1 | N | 1 | 1 | 1 | 0 |
| 0.7 | 1 | N | 2 | 3 | NE | 2 | 1 | 0 | 0 |
| 0.6 | 1 | N | 1 | 2 | E | 1 | 1 | 1 | 0 |
| 1 | 1 | N | 3 | 4 | E | 2 | 5 | 0 | 0 |
| 0.9 | 1 | N | 5 | 6 | NE | 3 | 1 | 1 | 0 |
| 1.1 | 1 | N | 1 | 2 | N | 1 | 5 | 1 | 0 |
| 1.9 | 1 | N | 1 | 2 | E | 5 | 1 | 1 | 0 |
| 1.8 | 1 | N | 3 | 4 | E | 2 | 1 | 1 | 0 |
| 2.2 | 1 | N | 0 | 1 | NE | 2 | 1 | 0 | 0 |
| 2.1 | 1 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 |
| 2.2 | 1 | N | 1 | 2 | SE | 4 | 1 | 1 | 0 |
| 1.4 | 3 | N | 1 | 2 | E | 2 | 5 | 0 | 0 |
| 1.4 | 3 | N | 3 | 4 | NE | 1 | 1 | 1 | 0 |
| 1.2 | 3 | N | 1 | 2 | E | 2 | 6 | 1 | 0 |
| 1.3 | 3 | N | 1 | 2 | E | 2 | 6 | 1 | 0 |
| 1.2 | 3 | N | 1 | 2 | S | 2 | 5 | 1 | 0 |
| 0.5 | 1 | N | 5 | 7 | SE | 4 | 5 | 1 | 0 |
| 0.4 | 1 | N | 2 | 3 | SE | 1 | 1 | 1 | 0 |
| 0.6 | 1 | N | 6 | 7 | E | 2 | 5 | 1 | 0 |
| 0.5 | 1 | N | 2 | 3 | NE | 2 | 5 | 1 | 0 |
| 0.7 | 1 | N | 1 | 2 | W | 2 | 6 | 1 | 0 |
| 1.6 | 1 | N | 2 | 6 | E | 1 | 1 | 1 | 0 |
| 1.9 | 1 | N | 8 | 11 | E | 2 | 1 | 1 | 0 |
| 2.2 | 1 | N | 4 | 5 | E | 1 | 1 | 1 | 0 |
| 2.1 | 1 | N | 3 | 4 | E | 1 | 1 | 1 | 0 |
| 2.4 | 1 | N | 1 | 2 | SW | 1 | 1 | 1 | 0 |
| 1.6 | 1 | N | 3 | 5 | NE | 2 | 1 | 1 | 0 |
| 1.6 | 1 | N | 1 | 2 | NE | 3 | 1 | 1 | 0 |
| 1.8 | 1 | N | 5 | 8 | NE | 2 | 1 | 1 | 0 |
| 1.8 | 1 | N | 0 | 1 | E | 2 | 1 | 1 | 0 |
| 1.7 | 1 | N | 0 | 2 | N | 3 | 1 | 1 | 0 |

| Less than (<) | Entero-coccus (No./100ml) | Clostridium perfringens (No./100ml) | Remarks |
|---|---|---|---|
| | 25 | | FISHERMEN AT SAMPLE SITE |
| | 2 | | NO REMARKS |
| | 5 | | SWIMMERS AT SAMPLE SITE |
| | 0.9 | | NO REMARKS |
| | 5 | | NO REMARKS |
| | 8 | | NO REMARKS |
| | 0.9 | | NO REMARKS |
| | 23 | | SWIMMERS AT SAMPLE SITE |
| | 4 | | NO REMARKS |
| | 18 | | NO REMARKS |
| | 3 | | NO REMARKS |
| < | 0.9 | | NO REMARKS |
| | 0.9 | | SWIMMERS AT SAMPLE SITE |
| | 0.9 | | NO REMARKS |
| | 6 | | NO REMARKS |
| | 29 | | NO REMARKS |
| < | 0.9 | | NO REMARKS |
| | 5 | | NO REMARKS |
| | 9 | | NO REMARKS |
| | 4 | | NO REMARKS |
| | 19 | | FISHERMEN AT SAMPLE SITE |
| | 3 | | NO REMARKS |
| | 36 | | SWIMMERS AT SAMPLE SITE |
| | 15 | | NO REMARKS |
| | 17 | | NO REMARKS |
| < | 0.9 | | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | | FISHERMEN AT SAMPLE SITE |
| | 22 | | SWIMMERS AT SAMPLE SITE |
| | 25 | | NO REMARKS |
| | 0.9 | | NO REMARKS |
| < | 0.9 | | NO REMARKS |
| < | 0.9 | | NO REMARKS |
| < | 0.9 | | SWIMMERS AT SAMPLE SITE |
| | 85 | | CONSTRUCTION ON SAMPLE SITE |

| | | |
|---|---|---|
| | 5 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 0.9 | NO REMARKS |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 2 | SAMPLED OFF STATION APPROXIMATELY 6 FT WEST FROM SAMPLE SITE (UNABLE TO SAMPLE AT STATION DUE TO CONSTRUCTION) |
| | 28 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | HOMELESS LIVING AT SAMPLE SITE |
| | 6 | SWIMMERS AT SAMPLE SITE |
| | 2 | SAMPLED OFF STATION - UNABLE TO SAMPLE AT STATION DUE TO CONSTRUCTION. SAMPLED APPROX. 15 FT WEST FROM SAMPLE SITE |
| | 3 | |
| | 290 | |
| | 30 | HOMELESS LIVING AT SAMPLE SITE |
| | 16 | SWIMMERS AT SAMPLE SITE |
| | 22 | CONSTRUCTION ON SAMPLE SITE |
| | 17 | |
| | 320 | |
| < | 0.9 | HOMELESS LIVING AT SAMPLE SITE |
| | 99 | SWIMMERS AT SAMPLE SITE |
| | 36 | |
| | 9 | |
| | 1500 | |
| < | 0.9 | |
| | 56 | SWIMMERS AT SAMPLE SITE |
| | 13 | |
| | 88 | |
| | 49 | |
| < | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 10 | SWIMMERS AT SAMPLE SITE |
| | 48 | |
| | 275 | |
| < | 0.9 | |
| < | 0.9 | HOMELESS LIVING AT SAMPLE SITE |
| | 10 | SWIMMERS AT SAMPLE SITE |
| | 0.9 | |
| | 40 | SWIMMERS AT SAMPLE SITE |
| | 2 | FISHERMEN AT SAMPLE SITE |
| | 0.9 | HOMELESS LIVING AT SAMPLE SITE |

| | | |
|---|---|---|
| | 1 | SWIMMERS AT SAMPLE SITE |
| | 0.9 | |
| | 6 | |
| | 205 | HEAVY RAIN PRIOR TO SAMPLING |
| < | 0.9 | HOMELESS LIVING AT SAMPLE SITE; HEAVY RAIN PRIOF |
| | 180 | SWIMMERS AT SAMPLE SITE; HEAVY RAIN PRIOR TO SA |
| | 15 | HEAVY RAIN PRIOR TO SAMPLING |
| | 480 | HEAVY RAIN PRIOR TO SAMPLING |
| | 23 | NO REMARKS |
| | 0.9 | HOMELESS LIVING AT SAMPLE SITE |
| | 4 | SWIMMERS AT SAMPLE SITE |
| | 2 | NO REMARKS |
| | 41 | NO REMARKS |
| | 35 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 180 | SWIMMERS AT SAMPLE SITE |
| | 38 | NO REMARKS |
| | 35 | NO REMARKS |
| | 11 | FISHERMEN AT SAMPLE SITE |
| | 92 | NO REMARKS |
| | 23 | SWIMMERS AT SAMPLE SITE |
| | 2 | NO REMARKS |
| | 20 | NO REMARKS |
| | 6 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 11 | SWIMMERS AT SAMPLE SITE |
| | 3.5 | NO REMARKS |
| | 10 | NO REMARKS |
| | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 13 | NO REMARKS |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 0.9 | NO REMARKS |
| | 3 | NO REMARKS |
| | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 3 | NO REMARKS |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 2 | NO REMARKS |
| | 19 | SWIMMERS AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| | 3 | NO REMARKS |
| | 2 | SWIMMERS AT SAMPLE SITE |
| | 5 | NO REMARKS |
| | 57 | NO REMARKS |
| < | 0.9 | NO REMARKS |

| | | |
|---|---|---|
| < | 0.9 | NO REMARKS |
| | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 2 | NO REMARKS |
| | 11 | NO REMARKS |
| | 33 | HEAVY RAIN PRIOR TO SAMPLE DATE |
| | 2 | HEAVY RAIN PRIOR TO SAMPLE DATE |
| | 24 | SWIMMERS AT SAMPLE SITE; HEAVY RAIN PRIOR TO SA |
| | 17 | HEAVY RAIN PRIOR TO SAMPLE DATE |
| | 18 | HEAVY RAIN PRIOR TO SAMPLE DATE |
| | 13 | NO REMARKS |
| | 430 | NO REMARKS |
| | 12 | SWIMMERS AT SAMPLE SITE |
| | 16 | NO REMARKS |
| | 12 | NO REMARKS |
| | 18 | FISHERMEN AT SAMPLE SITE |
| | 6 | NO REMARKS |
| < | 0.9 | UNABLE TO SAMPLE DUE TO ROADRACE |
| | 3 | NO REMARKS |
| | 31 | NO REMARKS |
| | 15 | NO REMARKS |
| | 7 | NO REMARKS |
| | 220 | SWIMMERS AT SAMPLE SITE |
| | 4 | SWIMMERS AT SAMPLE SITE |
| | 26 | NO REMARKS |
| | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 610 | NO REMARKS |
| | 2 | SWIMMERS AT SAMPLE SITE |
| | 5 | NO REMARKS |
| | 12 | NO REMARKS |
| | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 39 | FISHERMEN AT SAMPLE SITE |
| | 3 | SWIMMERS AT SAMPLE SITE |
| | 39 | FISHERMEN AT SAMPLE SITE |
| | 3 | NO REMARKS |
| | 600 | HEAVY RAIN PRIOR TO SAMPLING |
| | 5 | HEAVY RAIN PRIOR TO SAMPLING |
| | 120 | SWIMMERS AT SAMPLE SITE; HEAVY RAIN PRIOR TO SA |
| | 37 | HEAVY RAIN PRIOR TO SAMPLING |
| | 230 | HEAVY RAIN PRIOR TO SAMPLING |
| | 5 | NO REMARKS |
| | 19 | NO REMARKS |
| | 5 | SWIMMERS AT SAMPLE SITE |
| | 27 | NO REMARKS |
| | 42 | NO REMARKS |

| | | |
|---|---|---|
| | 49 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 10 | SWIMMERS AT SAMPLE SITE |
| | 3 | NO REMARKS |
| | 8 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 4 | NO REMARKS |
| | 5 | NO REMARKS |
| | 6 | NO REMARKS |
| | 39 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 3.5 | SWIMMERS AT SAMPLE SITE |
| | 11 | NO REMARKS |
| | 23 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 3 | NO REMARKS |
| | 5 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 4 | SWIMMERS AT SAMPLE SITE |
| | 4 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 6 | SWIMMERS AT SAMPLE SITE |
| | 2 | NO REMARKS |
| | 5 | NO REMARKS |
| | 260 | NO REMARKS |
| | 2 | NO REMARKS |
| | 8 | SWIMMERS AT SAMPLE SITE |
| | 82 | NO REMARKS |
| | 26 | NO REMARKS |
| | 2 | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| | 4 | SWIMMERS AT SAMPLE SITE |
| | 5 | SWIMMERS AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| < | 0.9 | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 3 | NO REMARKS |

| | | |
|---|---|---|
| | 2 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 0.9 | NO REMARKS |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 3 | NO REMARKS |
| | 3 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 30 | SWIMMERS AT SAMPLE SITE |
| | 2 | NO REMARKS |
| | 4 | NO REMARKS |
| < | 0.9 | LARGE SOUTH SWELL |
| | 3 | LARGE SOUTH SWELL |
| | 7 | LARGE SOUTH SWELL |
| | 5 | SURFERS NEAR SAMPLE SITE; LARGE SOUTH SWELL |
| | 3 | LARGE SOUTH SWELL |
| < | 0.9 | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| | 5 | SWIMMERS AT SAMPLE SITE |
| | 600 | NO REMARKS |
| | 4 | NO REMARKS |
| | 4 | NO REMARKS |
| | 0.9 | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 5 | NO REMARKS |
| | 7 | NO REMARKS |
| | 3 | FISHERMEN AT SAMPLE SITE; HIGH SURF |
| | 0.9 | HIGH SURF |
| < | 0.9 | SWIMMERS AT SAMPLE SITE; HIGH SURF |
| | 58 | SWIMMERS AT SAMPLE SITE; HIGH SURF |
| | 7 | HIGH SURF |
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 600 | SWIMMERS AT SAMPLE SITE |
| | 7 | NO REMARKS |
| | 12 | FISHERMEN AT SAMPLE SITE |
| | 20 | NO REMARKS |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 2 | NO REMARKS |
| | 32 | NO REMARKS |
| | 0.9 | FISHERMAN BY SAMPLE SITE |
| | 5 | NO REMARKS |
| | 4 | SWIMMERS BY SAMPLE SITE |

| | | |
|---|---|---|
| | 5 | SURF BY SAMPLING SITE |
| | 12 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | SWIMMERS AT & BY SAMPLE SITE |
| | 3 | NO REMARKS |
| | 7 | NO REMARKS |
| < | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 0.9 | NO REMARKS |
| | 24 | SWIMMERS AT SAMPLE SITE |
| | 0.9 | NO REMARKS |
| | 3 | NO REMARKS |
| | 4 | FISHERMEN AT SAMPLE SITE |
| | 0.9 | NO REMARKS |
| | 15 | SWIMMERS AT SAMPLE SITE |
| | 1 | NO REMARKS |
| | 11 | NO REMARKS |
| | 5 | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 0.9 | NO REMARKS |
| | 5 | FISHERMEN AT SAMPLE SITE |
| | 32 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 8 | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| | 4 | NO REMARKS |
| | 5 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 5 | NO REMARKS |
| | 2 | SWIMMERS AT SAMPLE SITE |
| | 0.9 | NO REMARKS |
| | 4 | SWIMMERS AT SAMPLE SITE |
| | 1 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 5 | SWIMMERS AT SAMPLE SITE |
| | 5 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |

| | | |
|---|---|---|
| | 6 | NO REMARKS |
| < | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 4 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 4 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 92 | HIGH SURF |
| | 4 | HIGH SURF |
| | 0.9 | HIGH SURF |
| < | 0.9 | HIGH SURF |
| | 4 | HIGH SURF |
| | 3 | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| < | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 5 | NO REMARKS |
| | 0.9 | FISHERMEN AT SAMPLE SITE |
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 4 | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| | 200 | HOMELESS LIVING AT SAMPLE SITE |
| | 7 | NO REMARKS |
| | 45 | NO REMARKS |
| | 4 | HOMELESS LIVING AT SAMPLE SITE |
| < | 0.9 | HOMELESS LIVING AT SAMPLE SITE |
| | 3 | SWIMMERS AT SAMPLE SITE |
| | 2 | SWIMMERS AT SAMPLE SITE |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 4 | NO REMARKS |
| | 2 | SWIMMERS AT SAMPLE SITE |
| | 5 | SWIMMERS AT SAMPLE SITE |
| | 2 | SWIMMERS AT SAMPLE SITE |
| | 3 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 10 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 16 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 3 | NO REMARKS |
| | 9 | NO REMARKS |

| | | |
|---|---|---|
| | 0.9 | NO REMARKS |
| | 4 | NO REMARKS |
| | 2 | NO REMARKS |
| | 19 | NO REMARKS |
| | 35 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 12 | SWIMMERS AT SAMPLE SITE |
| | 3 | NO REMARKS |
| | 170 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | HOMELESS LIVING AT SAMPLE SITE |
| | 0.9 | SWIMMERS AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | HOMELESS LIVING AT SAMPLE SITE |
| | 5 | SWIMMERS AT SAMPLE SITE |
| | 11 | SWIMMERS AT SAMPLE SITE |
| | 5 | NO REMARKS |
| | 10 | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | HOMELESS LIVING AT SAMPLE SITE |
| | 2 | SWIMMERS AT SAMPLE SITE |
| | 5 | NO REMARKS |
| | 8 | NO REMARKS |
| | 4 | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 7 | SWIMMERS AT SAMPLE SITE |
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 320 | NO REMARKS |
| | 0 | HOMELESS LIVING AT SAMPLE SITE |
| | 2 | SWIMMERS AT SAMPLE SITE |
| | 2 | NO REMARKS |
| | 73 | NO REMARKS |
| | 43 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 18 | SWIMMERS AT SAMPLE SITE |
| | 2 | NO REMARKS |
| | 8 | NO REMARKS |

| | | |
|---|---|---|
| | 14 | NO REMARKS |
| | 7 | NO REMARKS |
| | 4 | NO REMARKS |
| | 4 | NO REMARKS |
| | 2 | NO REMARKS |
| | 8 | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| | 4 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 98 | NO REMARKS |
| | 48 | NO REMARKS |
| | 2 | HOMELESS LIVING AT SAMPLE SITE |
| | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 5 | NO REMARKS |
| | | UNABLE TO SAMPLE DUE TO APEC |
| | 17 | NO REMARKS |
| | 2 | NO REMARKS |
| | 5 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 5 | NO REMARKS |
| | 4 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 3 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 51 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 13 | NO REMARKS |
| | 1600 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 4 | NO REMARKS |
| | 5 | NO REMARKS |
| | 30 | NO REMARKS |
| | 25 | NO REMARKS |
| | 2 | NO REMARKS |
| | 10 | SWIMMERS AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 2 | SWIMMERS AT SAMPLE SITE |
| | 7 | NO REMARKS |

| | | |
|---|---|---|
| | 11 | NO REMARKS |
| | 50 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 5 | SWIMMERS AT SAMPLE SITE |
| | 6 | NO REMARKS |
| | 10 | NO REMARKS |
| | 660 | HEAVY RAIN PRIOR TO SAMPLING |
| | 410 | HEAVY RAIN PRIOR TO SAMPLING |
| | 270 | SWIMMERS AT SAMPLE SITE; HEAVY RAIN PRIOR TO SA |
| | 77 | HOMELESS LIVING AT SAMPLE SITE; HEAVY RAIN PRIOR |
| | 600 | HEAVY RAIN PRIOR TO SAMPLING |
| | 39 | NO REMARKS |
| | 5 | NO REMARKS |
| < | 0.9 | SWIMMERS AT SAMPLE SITE |
| | 66 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 65 | FISHERMEN AT SAMPLE SITE; HEAVY RAINS PRIOR TO S |
| | 0.9 | HEAVY RAINS PRIOR TO SAMPLE DATE |
| | 9 | SWIMMERS AT SAMPLE SITE; HEAVY RAINS PRIOR TO S |
| | 29 | HEAVY RAINS PRIOR TO SAMPLE DATE |
| | 170 | HEAVY RAINS PRIOR TO SAMPLE DATE |
| | 36 | FISHERMEN AT SAMPLE SITE |
| | 4 | NO REMARKS |
| | 3 | NO REMARKS |
| | 2 | NO REMARKS |
| | 4 | NO REMARKS |
| | 5 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 4 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 25 | NO REMARKS |

R TO SAMPLING
MPLING

MPLE DATE

MPLING

MPLING
R TO SAMPLING

SAMPLE DATE

SAMPLE DATE

RESULTS OF BACTERIAL ANALYSES AND FIELD OBSERVATIONS
J:/_MC\M&C/WWTPlants/wwtpmicro & Oceanlogs/2011microbiology.xls
SAND ISLAND OCEAN OUTFALL - NEARSHORE STATIONS
01-Jun-15

| Date | Station | Time | Depth (m) | CTD on (hhmm | CTD off (hhmm | Light ext. coeff. | Secchi Depth (feet) | Cloud cover (%) |
|---|---|---|---|---|---|---|---|---|
| 1/3/2011 | R1 | 809 | 0 | | | | | 35 |
| 1/3/2011 | R1 | 809 | 7 | | | | | |
| 1/3/2011 | R1 | 809 | 14 | | | | | |
| 1/3/2011 | R2 | 805 | 0 | | | | | 35 |
| 1/3/2011 | R2 | 805 | 7 | | | | | |
| 1/3/2011 | R2 | 805 | 14 | | | | | |
| 1/3/2011 | R3 | 717 | 0 | | | | | 35 |
| 1/3/2011 | R3 | 717 | 5 | | | | | |
| 1/3/2011 | R3 | 717 | 9 | | | | | |
| 1/3/2011 | C1 | 757 | 0 | | | | | 35 |
| 1/3/2011 | C1 | 757 | 6 | | | | | |
| 1/3/2011 | C1 | 757 | 12 | | | | | |
| 1/3/2011 | C1A | ---- | 0 | | | | | |
| 1/3/2011 | C1A | ---- | 10 | | | | | |
| 1/3/2011 | C1A | ---- | 20 | | | | | |
| 1/3/2011 | C2 | 751 | 0 | | | | | 35 |
| 1/3/2011 | C2 | 751 | 6 | | | | | |
| 1/3/2011 | C2 | 751 | 12 | | | | | |
| 1/3/2011 | C2A | ---- | 0 | | | | | |
| 1/3/2011 | C2A | ---- | 10 | | | | | |
| 1/3/2011 | C2A | ---- | 20 | | | | | |
| 1/3/2011 | C3 | 744 | 0 | | | | | 35 |
| 1/3/2011 | C3 | 744 | 6 | | | | | |
| 1/3/2011 | C3 | 744 | 12 | | | | | |
| 1/3/2011 | C3A | ---- | 0 | | | | | |
| 1/3/2011 | C3A | ---- | 10 | | | | | |
| 1/3/2011 | C3A | ---- | 20 | | | | | |
| 1/3/2011 | C4 | 737 | 0 | | | | | 35 |
| 1/3/2011 | C4 | 737 | 6 | | | | | |
| 1/3/2011 | C4 | 737 | 12 | | | | | |
| 1/3/2011 | C5 | 731 | 0 | | | | | 35 |
| 1/3/2011 | C5 | 731 | 6 | | | | | |
| 1/3/2011 | C5 | 731 | 12 | | | | | |
| 1/3/2011 | C5A | ---- | 0 | | | | | |

| | | | | |
|---|---|---|---|---|
| 1/3/2011 | C5A | ---- | 10 | |
| 1/3/2011 | C5A | ---- | 20 | |
| 1/3/2011 | C6 | ---- | 0 | |
| 1/3/2011 | C6 | ---- | 10 | |
| 1/3/2011 | C6 | ---- | 20 | |
| 1/7/2011 | R1 | 814 | 0 | 98 |
| 1/7/2011 | R1 | 814 | 7 | |
| 1/7/2011 | R1 | 814 | 14 | |
| 1/7/2011 | R2 | 809 | 0 | 98 |
| 1/7/2011 | R2 | 809 | 7 | |
| 1/7/2011 | R2 | 809 | 14 | |
| 1/7/2011 | R3 | 714 | 0 | 98 |
| 1/7/2011 | R3 | 714 | 5 | |
| 1/7/2011 | R3 | 714 | 9 | |
| 1/7/2011 | C1 | 800 | 0 | 98 |
| 1/7/2011 | C1 | 800 | 6 | |
| 1/7/2011 | C1 | 801 | 12 | |
| 1/7/2011 | C1A | ---- | 0 | |
| 1/7/2011 | C1A | ---- | 10 | |
| 1/7/2011 | C1A | ---- | 20 | |
| 1/7/2011 | C2 | 753 | 0 | 98 |
| 1/7/2011 | C2 | 753 | 6 | |
| 1/7/2011 | C2 | 753 | 12 | |
| 1/7/2011 | C2A | ---- | 0 | |
| 1/7/2011 | C2A | ---- | 10 | |
| 1/7/2011 | C2A | ---- | 20 | |
| 1/7/2011 | C3 | 745 | 0 | 98 |
| 1/7/2011 | C3 | 745 | 6 | |
| 1/7/2011 | C3 | 745 | 12 | |
| 1/7/2011 | C3A | ---- | 0 | |
| 1/7/2011 | C3A | ---- | 10 | |
| 1/7/2011 | C3A | ---- | 20 | |
| 1/7/2011 | C4 | 737 | 0 | 98 |
| 1/7/2011 | C4 | 737 | 6 | |
| 1/7/2011 | C4 | 737 | 12 | |
| 1/7/2011 | C5 | 729 | 0 | 98 |
| 1/7/2011 | C5 | 729 | 6 | |
| 1/7/2011 | C5 | 729 | 12 | |
| 1/7/2011 | C5A | ---- | 0 | |
| 1/7/2011 | C5A | ---- | 10 | |
| 1/7/2011 | C5A | ---- | 20 | |
| 1/7/2011 | C6 | ---- | 0 | |
| 1/7/2011 | C6 | ---- | 10 | |
| 1/7/2011 | C6 | ---- | 20 | |

| | | | | |
|---|---|---|---|---|
| 1/11/2011 | R1 | 833 | 0 | 45 |
| 1/11/2011 | R1 | 833 | 7 | |
| 1/11/2011 | R1 | 833 | 14 | |
| 1/11/2011 | R2 | 828 | 0 | 45 |
| 1/11/2011 | R2 | 828 | 7 | |
| 1/11/2011 | R2 | 828 | 14 | |
| 1/11/2011 | R3 | 736 | 0 | 45 |
| 1/11/2011 | R3 | 736 | 5 | |
| 1/11/2011 | R3 | 736 | 9 | |
| 1/11/2011 | C1 | 820 | 0 | 45 |
| 1/11/2011 | C1 | 820 | 6 | |
| 1/11/2011 | C1 | 820 | 12 | |
| 1/11/2011 | C1A | ---- | 0 | |
| 1/11/2011 | C1A | ---- | 10 | |
| 1/11/2011 | C1A | ---- | 20 | |
| 1/11/2011 | C2 | 814 | 0 | 45 |
| 1/11/2011 | C2 | 814 | 6 | |
| 1/11/2011 | C2 | 814 | 12 | |
| 1/11/2011 | C2A | ---- | 0 | |
| 1/11/2011 | C2A | ---- | 10 | |
| 1/11/2011 | C2A | ---- | 20 | |
| 1/11/2011 | C3 | 807 | 0 | 45 |
| 1/11/2011 | C3 | 807 | 6 | |
| 1/11/2011 | C3 | 807 | 12 | |
| 1/11/2011 | C3A | ---- | 0 | |
| 1/11/2011 | C3A | ---- | 10 | |
| 1/11/2011 | C3A | ---- | 20 | |
| 1/11/2011 | C4 | 758 | 0 | 45 |
| 1/11/2011 | C4 | 758 | 6 | |
| 1/11/2011 | C4 | 758 | 12 | |
| 1/11/2011 | C5 | 750 | 0 | 45 |
| 1/11/2011 | C5 | 750 | 6 | |
| 1/11/2011 | C5 | 751 | 12 | |
| 1/11/2011 | C5A | ---- | 0 | |
| 1/11/2011 | C5A | ---- | 10 | |
| 1/11/2011 | C5A | ---- | 20 | |
| 1/11/2011 | C6 | ---- | 0 | |
| 1/11/2011 | C6 | ---- | 10 | |
| 1/11/2011 | C6 | ---- | 20 | |
| 1/15/2011 | R1 | 805 | 0 | 15 |
| 1/15/2011 | R1 | 805 | 7 | |
| 1/15/2011 | R1 | 805 | 14 | |

| | | | | |
|---|---|---|---|---|
| 1/15/2011 | R2 | 759 | 0 | 15 |
| 1/15/2011 | R2 | 759 | 7 | |
| 1/15/2011 | R2 | 759 | 14 | |
| 1/15/2011 | R3 | 712 | 0 | 15 |
| 1/15/2011 | R3 | 712 | 5 | |
| 1/15/2011 | R3 | 712 | 9 | |
| 1/15/2011 | C1 | 752 | 0 | 15 |
| 1/15/2011 | C1 | 752 | 6 | |
| 1/15/2011 | C1 | 752 | 12 | |
| 1/15/2011 | C1A | ---- | 0 | |
| 1/15/2011 | C1A | ---- | 10 | |
| 1/15/2011 | C1A | ---- | 20 | |
| 1/15/2011 | C2 | 744 | 0 | 15 |
| 1/15/2011 | C2 | 744 | 6 | |
| 1/15/2011 | C2 | 744 | 12 | |
| 1/15/2011 | C2A | ---- | 0 | |
| 1/15/2011 | C2A | ---- | 10 | |
| 1/15/2011 | C2A | ---- | 20 | |
| 1/15/2011 | C3 | 720 | 0 | 15 |
| 1/15/2011 | C3 | 720 | 6 | |
| 1/15/2011 | C3 | 720 | 12 | |
| 1/15/2011 | C3A | ---- | 0 | |
| 1/15/2011 | C3A | ---- | 10 | |
| 1/15/2011 | C3A | ---- | 20 | |
| 1/15/2011 | C4 | 727 | 0 | 15 |
| 1/15/2011 | C4 | 727 | 6 | |
| 1/15/2011 | C4 | 727 | 12 | |
| 1/15/2011 | C5 | 733 | 0 | 15 |
| 1/15/2011 | C5 | 733 | 6 | |
| 1/15/2011 | C5 | 733 | 12 | |

| | | | | |
|---|---|---|---|---|
| 1/15/2011 | C5A | ---- | 0 | |
| 1/15/2011 | C5A | ---- | 10 | |
| 1/15/2011 | C5A | ---- | 20 | |
| 1/15/2011 | C6 | ---- | 0 | |
| 1/15/2011 | C6 | ---- | 10 | |
| 1/15/2011 | C6 | ---- | 20 | |
| 1/19/2011 | R1 | 933 | 0 | 95 |
| 1/19/2011 | R1 | 933 | 7 | |
| 1/19/2011 | R1 | 933 | 14 | |
| 1/19/2011 | R2 | 927 | 0 | 95 |
| 1/19/2011 | R2 | 927 | 7 | |
| 1/19/2011 | R2 | 927 | 14 | |
| 1/19/2011 | R3 | 730 | 0 | 95 |
| 1/19/2011 | R3 | 730 | 5 | |
| 1/19/2011 | R3 | 730 | 9 | |
| 1/19/2011 | C1 | 918 | 0 | 95 |
| 1/19/2011 | C1 | 918 | 6 | |
| 1/19/2011 | C1 | 919 | 12 | |
| 1/19/2011 | C1A | ---- | 0 | |
| 1/19/2011 | C1A | ---- | 10 | |
| 1/19/2011 | C1A | ---- | 20 | |
| 1/19/2011 | C2 | 844 | 0 | 95 |
| 1/19/2011 | C2 | 844 | 6 | |
| 1/19/2011 | C2 | 845 | 12 | |
| 1/19/2011 | C2A | ---- | 0 | |
| 1/19/2011 | C2A | ---- | 10 | |
| 1/19/2011 | C2A | ---- | 20 | |
| 1/19/2011 | C3 | 739 | 0 | 95 |
| 1/19/2011 | C3 | 739 | 6 | |
| 1/19/2011 | C3 | 739 | 12 | |
| 1/19/2011 | C3A | ---- | 0 | |
| 1/19/2011 | C3A | ---- | 10 | |
| 1/19/2011 | C3A | ---- | 20 | |
| 1/19/2011 | C4 | 835 | 0 | 95 |
| 1/19/2011 | C4 | 835 | 6 | |
| 1/19/2011 | C4 | 835 | 12 | |
| 1/19/2011 | C5 | 830 | 0 | 95 |
| 1/19/2011 | C5 | 830 | 6 | |
| 1/19/2011 | C5 | 830 | 12 | |
| 1/19/2011 | C5A | ---- | 0 | |
| 1/19/2011 | C5A | ---- | 10 | |
| 1/19/2011 | C5A | ---- | 20 | |
| 1/19/2011 | C6 | ---- | 0 | |
| 1/19/2011 | C6 | ---- | 10 | |

| | | | | |
|---|---|---|---|---|
| 1/19/2011 | C6 | ---- | 20 | |
| 1/23/2011 | R1 | 743 | 0 | 40 |
| 1/23/2011 | R1 | 743 | 7 | |
| 1/23/2011 | R1 | 743 | 14 | |
| 1/23/2011 | R2 | 739 | 0 | 40 |
| 1/23/2011 | R2 | 739 | 7 | |
| 1/23/2011 | R2 | 739 | 14 | |
| 1/23/2011 | R3 | 651 | 0 | 40 |
| 1/23/2011 | R3 | 651 | 5 | |
| 1/23/2011 | R3 | 651 | 9 | |
| 1/23/2011 | C1 | 731 | 0 | 40 |
| 1/23/2011 | C1 | 731 | 6 | |
| 1/23/2011 | C1 | 731 | 12 | |
| 1/23/2011 | C1A | ---- | 0 | |
| 1/23/2011 | C1A | ---- | 10 | |
| 1/23/2011 | C1A | ---- | 20 | |
| 1/23/2011 | C2 | 727 | 0 | 40 |
| 1/23/2011 | C2 | 727 | 6 | |
| 1/23/2011 | C2 | 727 | 12 | |
| 1/23/2011 | C2A | ---- | 0 | |
| 1/23/2011 | C2A | ---- | 10 | |
| 1/23/2011 | C2A | ---- | 20 | |
| 1/23/2011 | C3 | 720 | 0 | 40 |
| 1/23/2011 | C3 | 720 | 6 | |
| 1/23/2011 | C3 | 720 | 12 | |
| 1/23/2011 | C3A | ---- | 0 | |
| 1/23/2011 | C3A | ---- | 10 | |
| 1/23/2011 | C3A | ---- | 20 | |
| 1/23/2011 | C4 | 714 | 0 | 40 |
| 1/23/2011 | C4 | 714 | 6 | |
| 1/23/2011 | C4 | 714 | 12 | |
| 1/23/2011 | C5 | 707 | 0 | 40 |
| 1/23/2011 | C5 | 707 | 6 | |
| 1/23/2011 | C5 | 707 | 12 | |
| 1/23/2011 | C5A | ---- | 0 | |
| 1/23/2011 | C5A | ---- | 10 | |
| 1/23/2011 | C5A | ---- | 20 | |
| 1/23/2011 | C6 | ---- | 0 | |
| 1/23/2011 | C6 | ---- | 10 | |
| 1/23/2011 | C6 | ---- | 20 | |
| 1/27/2011 | R1 | 831 | 0 | 30 |
| 1/27/2011 | R1 | 831 | 7 | |
| 1/27/2011 | R1 | 831 | 14 | |
| 1/27/2011 | R2 | 824 | 0 | 30 |

| | | | | |
|---|---|---|---|---|
| 1/27/2011 | R2 | 825 | 7 | |
| 1/27/2011 | R2 | 825 | 14 | |
| 1/27/2011 | R3 | 736 | 0 | 30 |
| 1/27/2011 | R3 | 737 | 5 | |
| 1/27/2011 | R3 | 737 | 9 | |
| 1/27/2011 | C1 | 817 | 0 | 30 |
| 1/27/2011 | C1 | 817 | 6 | |
| 1/27/2011 | C1 | 817 | 12 | |
| 1/27/2011 | C1A | ---- | 0 | |
| 1/27/2011 | C1A | ---- | 10 | |
| 1/27/2011 | C1A | ---- | 20 | |
| 1/27/2011 | C2 | 809 | 0 | 30 |
| 1/27/2011 | C2 | 809 | 6 | |
| 1/27/2011 | C2 | 809 | 12 | |
| 1/27/2011 | C2A | ---- | 0 | |
| 1/27/2011 | C2A | ---- | 10 | |
| 1/27/2011 | C2A | ---- | 20 | |
| 1/27/2011 | C3 | 803 | 0 | 30 |
| 1/27/2011 | C3 | 803 | 6 | |
| 1/27/2011 | C3 | 803 | 12 | |
| 1/27/2011 | C3A | ---- | 0 | |
| 1/27/2011 | C3A | ---- | 10 | |
| 1/27/2011 | C3A | ---- | 20 | |
| 1/27/2011 | C4 | 756 | 0 | 30 |
| 1/27/2011 | C4 | 756 | 6 | |
| 1/27/2011 | C4 | 756 | 12 | |
| 1/27/2011 | C5 | 749 | 0 | 30 |
| 1/27/2011 | C5 | 749 | 6 | |
| 1/27/2011 | C5 | 749 | 12 | |
| 1/27/2011 | C5A | ---- | 0 | |
| 1/27/2011 | C5A | ---- | 10 | |
| 1/27/2011 | C5A | ---- | 20 | |
| 1/27/2011 | C6 | ---- | 0 | |
| 1/27/2011 | C6 | ---- | 10 | |
| 1/27/2011 | C6 | ---- | 20 | |
| 1/31/2011 | R1 | 745 | 0 | 5 |
| 1/31/2011 | R1 | 745 | 7 | |
| 1/31/2011 | R1 | 745 | 14 | |
| 1/31/2011 | R2 | 749 | 0 | 5 |
| 1/31/2011 | R2 | 749 | 7 | |
| 1/31/2011 | R2 | 749 | 14 | |
| 1/31/2011 | R3 | 740 | 0 | 5 |
| 1/31/2011 | R3 | 740 | 5 | |
| 1/31/2011 | R3 | 740 | 9 | |

| | | | | |
|---|---|---|---|---|
| 1/31/2011 | C1 | 759 | 0 | 5 |
| 1/31/2011 | C1 | 759 | 6 | |
| 1/31/2011 | C1 | 759 | 12 | |
| 1/31/2011 | C1A | ---- | 0 | |
| 1/31/2011 | C1A | ---- | 10 | |
| 1/31/2011 | C1A | ---- | 20 | |
| 1/31/2011 | C2 | 754 | 0 | 5 |
| 1/31/2011 | C2 | 754 | 6 | |
| 1/31/2011 | C2 | 754 | 12 | |
| 1/31/2011 | C2A | ---- | 0 | |
| 1/31/2011 | C2A | ---- | 10 | |
| 1/31/2011 | C2A | ---- | 20 | |
| 1/31/2011 | C3 | 806 | 0 | 5 |
| 1/31/2011 | C3 | 806 | 6 | |
| 1/31/2011 | C3 | 806 | 12 | |
| 1/31/2011 | C3A | ---- | 0 | |
| 1/31/2011 | C3A | ---- | 10 | |
| 1/31/2011 | C3A | ---- | 20 | |
| 1/31/2011 | C4 | 813 | 0 | 5 |
| 1/31/2011 | C4 | 813 | 6 | |
| 1/31/2011 | C4 | 813 | 12 | |
| 1/31/2011 | C5 | 817 | 0 | 5 |
| 1/31/2011 | C5 | 817 | 6 | |
| 1/31/2011 | C5 | 817 | 12 | |
| 1/31/2011 | C5A | ---- | 0 | |
| 1/31/2011 | C5A | ---- | 10 | |
| 1/31/2011 | C5A | ---- | 20 | |
| 1/31/2011 | C6 | ---- | 0 | |
| 1/31/2011 | C6 | ---- | 10 | |
| 1/31/2011 | C6 | ---- | 20 | |
| 2/4/2011 | R1 | 828 | 0 | 0 |
| 2/4/2011 | R1 | 828 | 7 | |
| 2/4/2011 | R1 | 828 | 14 | |
| 2/4/2011 | R2 | 821 | 0 | 0 |
| 2/4/2011 | R2 | 821 | 7 | |
| 2/4/2011 | R2 | 821 | 14 | |
| 2/4/2011 | R3 | 729 | 0 | 0 |
| 2/4/2011 | R3 | 729 | 5 | |
| 2/4/2011 | R3 | 729 | 9 | |
| 2/4/2011 | C1 | 812 | 0 | 0 |
| 2/4/2011 | C1 | 812 | 6 | |
| 2/4/2011 | C1 | 812 | 12 | |
| 2/4/2011 | C1A | ---- | 0 | |
| 2/4/2011 | C1A | ---- | 10 | |

| | | | | |
|---|---|---|---|---|
| 2/4/2011 | C1A | ---- | 20 | |
| 2/4/2011 | C2 | 806 | 0 | 0 |
| 2/4/2011 | C2 | 806 | 6 | |
| 2/4/2011 | C2 | 806 | 12 | |
| 2/4/2011 | C2A | ---- | 0 | |
| 2/4/2011 | C2A | ---- | 10 | |
| 2/4/2011 | C2A | ---- | 20 | |
| 2/4/2011 | C3 | 758 | 0 | 0 |
| 2/4/2011 | C3 | 758 | 6 | |
| 2/4/2011 | C3 | 758 | 12 | |
| 2/4/2011 | C3A | ---- | 0 | |
| 2/4/2011 | C3A | ---- | 10 | |
| 2/4/2011 | C3A | ---- | 20 | |
| 2/4/2011 | C4 | 750 | 0 | 0 |
| 2/4/2011 | C4 | 750 | 6 | |
| 2/4/2011 | C4 | 750 | 12 | |
| 2/4/2011 | C5 | 744 | 0 | 0 |
| 2/4/2011 | C5 | 744 | 6 | |
| 2/4/2011 | C5 | 744 | 12 | |
| 2/4/2011 | C5A | ---- | 0 | |
| 2/4/2011 | C5A | ---- | 10 | |
| 2/4/2011 | C5A | ---- | 20 | |
| 2/4/2011 | C6 | ---- | 0 | |
| 2/4/2011 | C6 | ---- | 10 | |
| 2/4/2011 | C6 | ---- | 20 | |
| 2/8/2011 | R1 | 944 | 0 | 45 |
| 2/8/2011 | R1 | 944 | 7 | |
| 2/8/2011 | R1 | 944 | 14 | |
| 2/8/2011 | R2 | 937 | 0 | 45 |
| 2/8/2011 | R2 | 938 | 7 | |
| 2/8/2011 | R2 | 938 | 14 | |
| 2/8/2011 | R3 | 955 | 0 | 45 |
| 2/8/2011 | R3 | 955 | 5 | |
| 2/8/2011 | R3 | 955 | 9 | |
| 2/8/2011 | C1 | 929 | 0 | 45 |
| 2/8/2011 | C1 | 930 | 6 | |
| 2/8/2011 | C1 | 930 | 12 | |
| 2/8/2011 | C1A | ---- | 0 | |
| 2/8/2011 | C1A | ---- | 10 | |
| 2/8/2011 | C1A | ---- | 20 | |
| 2/8/2011 | C2 | 842 | 0 | 45 |
| 2/8/2011 | C2 | 843 | 6 | |
| 2/8/2011 | C2 | 843 | 12 | |
| 2/8/2011 | C2A | ---- | 0 | |

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|---|---|---|---|---|
| 2/8/2011 | C2A | ---- | 10 | |
| 2/8/2011 | C2A | ---- | 20 | |
| 2/8/2011 | C3 | 835 | 0 | 45 |
| 2/8/2011 | C3 | 835 | 6 | |
| 2/8/2011 | C3 | 836 | 12 | |
| 2/8/2011 | C3A | ---- | 0 | |
| 2/8/2011 | C3A | ---- | 10 | |
| 2/8/2011 | C3A | ---- | 20 | |
| 2/8/2011 | C4 | 747 | 0 | 45 |
| 2/8/2011 | C4 | 748 | 6 | |
| 2/8/2011 | C4 | 748 | 12 | |
| 2/8/2011 | C5 | 740 | 0 | 45 |
| 2/8/2011 | C5 | 741 | 6 | |
| 2/8/2011 | C5 | 742 | 12 | |
| 2/8/2011 | C5A | ---- | 0 | |
| 2/8/2011 | C5A | ---- | 10 | |
| 2/8/2011 | C5A | ---- | 20 | |
| 2/8/2011 | C6 | ---- | 0 | |
| 2/8/2011 | C6 | ---- | 10 | |
| 2/8/2011 | C6 | ---- | 20 | |
| 2/12/2011 | R1 | 724 | 0 | 25 |
| 2/12/2011 | R1 | 724 | 7 | |
| 2/12/2011 | R1 | 724 | 14 | |
| 2/12/2011 | R2 | 719 | 0 | 25 |
| 2/12/2011 | R2 | 719 | 7 | |
| 2/12/2011 | R2 | 719 | 14 | |
| 2/12/2011 | R3 | 633 | 0 | 25 |
| 2/12/2011 | R3 | 633 | 5 | |
| 2/12/2011 | R3 | 633 | 9 | |
| 2/12/2011 | C1 | 711 | 0 | 25 |
| 2/12/2011 | C1 | 711 | 6 | |
| 2/12/2011 | C1 | 711 | 12 | |
| 2/12/2011 | C1A | ---- | 0 | |
| 2/12/2011 | C1A | ---- | 10 | |
| 2/12/2011 | C1A | ---- | 20 | |
| 2/12/2011 | C2 | 706 | 0 | 25 |
| 2/12/2011 | C2 | 706 | 6 | |
| 2/12/2011 | C2 | 706 | 12 | |
| 2/12/2011 | C2A | ---- | 0 | |
| 2/12/2011 | C2A | ---- | 10 | |
| 2/12/2011 | C2A | ---- | 20 | |
| 2/12/2011 | C3 | 659 | 0 | 25 |
| 2/12/2011 | C3 | 659 | 6 | |
| 2/12/2011 | C3 | 659 | 12 | |

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|---|---|---|---|---|
| 2/12/2011 | C3A | ---- | 0 | |
| 2/12/2011 | C3A | ---- | 10 | |
| 2/12/2011 | C3A | ---- | 20 | |
| 2/12/2011 | C4 | 652 | 0 | 25 |
| 2/12/2011 | C4 | 652 | 6 | |
| 2/12/2011 | C4 | 652 | 12 | |
| 2/12/2011 | C5 | 646 | 0 | 25 |
| 2/12/2011 | C5 | 646 | 6 | |
| 2/12/2011 | C5 | 646 | 12 | |
| 2/12/2011 | C5A | ---- | 0 | |
| 2/12/2011 | C5A | ---- | 10 | |
| 2/12/2011 | C5A | ---- | 20 | |
| 2/12/2011 | C6 | ---- | 0 | |
| 2/12/2011 | C6 | ---- | 10 | |
| 2/12/2011 | C6 | ---- | 20 | |
| 2/16/2011 | R1 | 848 | 0 | 98 |
| 2/16/2011 | R1 | 848 | 7 | |
| 2/16/2011 | R1 | 849 | 14 | |
| 2/16/2011 | R2 | 843 | 0 | 98 |
| 2/16/2011 | R2 | 843 | 7 | |
| 2/16/2011 | R2 | 843 | 14 | |
| 2/16/2011 | R3 | 738 | 0 | 98 |
| 2/16/2011 | R3 | 738 | 5 | |
| 2/16/2011 | R3 | 738 | 9 | |
| 2/16/2011 | C1 | 830 | 0 | 98 |
| 2/16/2011 | C1 | 830 | 6 | |
| 2/16/2011 | C1 | 831 | 12 | |
| 2/16/2011 | C1A | ---- | 0 | |
| 2/16/2011 | C1A | ---- | 10 | |
| 2/16/2011 | C1A | ---- | 20 | |
| 2/16/2011 | C2 | 823 | 0 | 98 |
| 2/16/2011 | C2 | 823 | 6 | |
| 2/16/2011 | C2 | 823 | 12 | |
| 2/16/2011 | C2A | ---- | 0 | |
| 2/16/2011 | C2A | ---- | 10 | |
| 2/16/2011 | C2A | ---- | 20 | |
| 2/16/2011 | C3 | 815 | 0 | 98 |
| 2/16/2011 | C3 | 815 | 6 | |
| 2/16/2011 | C3 | 815 | 12 | |
| 2/16/2011 | C3A | ---- | 0 | |
| 2/16/2011 | C3A | ---- | 10 | |
| 2/16/2011 | C3A | ---- | 20 | |
| 2/16/2011 | C4 | 806 | 0 | 98 |
| 2/16/2011 | C4 | 806 | 6 | |

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|---|---|---|---|---|
| 2/16/2011 | C4 | 806 | 12 | |
| 2/16/2011 | C5 | 757 | 0 | 98 |
| 2/16/2011 | C5 | 757 | 6 | |
| 2/16/2011 | C5 | 757 | 12 | |
| 2/16/2011 | C5A | ---- | 0 | |
| 2/16/2011 | C5A | ---- | 10 | |
| 2/16/2011 | C5A | ---- | 20 | |
| 2/16/2011 | C6 | ---- | 0 | |
| 2/16/2011 | C6 | ---- | 10 | |
| 2/16/2011 | C6 | ---- | 20 | |
| 2/20/2011 | R1 | 744 | 0 | 85 |
| 2/20/2011 | R1 | 744 | 7 | |
| 2/20/2011 | R1 | 744 | 14 | |
| 2/20/2011 | R2 | 739 | 0 | 85 |
| 2/20/2011 | R2 | 739 | 7 | |
| 2/20/2011 | R2 | 739 | 14 | |
| 2/20/2011 | R3 | 649 | 0 | 85 |
| 2/20/2011 | R3 | 650 | 5 | |
| 2/20/2011 | R3 | 650 | 9 | |
| 2/20/2011 | C1 | 730 | 0 | 85 |
| 2/20/2011 | C1 | 730 | 6 | |
| 2/20/2011 | C1 | 730 | 12 | |
| 2/20/2011 | C1A | ---- | 0 | |
| 2/20/2011 | C1A | ---- | 10 | |
| 2/20/2011 | C1A | ---- | 20 | |
| 2/20/2011 | C2 | 725 | 0 | 85 |
| 2/20/2011 | C2 | 725 | 6 | |
| 2/20/2011 | C2 | 725 | 12 | |
| 2/20/2011 | C2A | ---- | 0 | |
| 2/20/2011 | C2A | ---- | 10 | |
| 2/20/2011 | C2A | ---- | 20 | |
| 2/20/2011 | C3 | 719 | 0 | 85 |
| 2/20/2011 | C3 | 719 | 6 | |
| 2/20/2011 | C3 | 719 | 12 | |
| 2/20/2011 | C3A | ---- | 0 | |
| 2/20/2011 | C3A | ---- | 10 | |
| 2/20/2011 | C3A | ---- | 20 | |
| 2/20/2011 | C4 | 712 | 0 | 85 |
| 2/20/2011 | C4 | 712 | 6 | |
| 2/20/2011 | C4 | 712 | 12 | |
| 2/20/2011 | C5 | 704 | 0 | 85 |
| 2/20/2011 | C5 | 704 | 6 | |
| 2/20/2011 | C5 | 704 | 12 | |
| 2/20/2011 | C5A | ---- | 0 | |

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|---|---|---|---|---|
| 2/20/2011 | C5A | ---- | 10 | |
| 2/20/2011 | C5A | ---- | 20 | |
| 2/20/2011 | C6 | ---- | 0 | |
| 2/20/2011 | C6 | ---- | 10 | |
| 2/20/2011 | C6 | ---- | 20 | |
| 2/24/2011 | R1 | 831 | 0 | 98 |
| 2/24/2011 | R1 | 831 | 7 | |
| 2/24/2011 | R1 | 832 | 14 | |
| 2/24/2011 | R2 | 826 | 0 | 98 |
| 2/24/2011 | R2 | 826 | 7 | |
| 2/24/2011 | R2 | 826 | 14 | |
| 2/24/2011 | R3 | 738 | 0 | 98 |
| 2/24/2011 | R3 | 738 | 5 | |
| 2/24/2011 | R3 | 739 | 9 | |
| 2/24/2011 | C1 | 817 | 0 | 98 |
| 2/24/2011 | C1 | 817 | 6 | |
| 2/24/2011 | C1 | 817 | 12 | |
| 2/24/2011 | C1A | ---- | 0 | |
| 2/24/2011 | C1A | ---- | 10 | |
| 2/24/2011 | C1A | ---- | 20 | |
| 2/24/2011 | C2 | 812 | 0 | 98 |
| 2/24/2011 | C2 | 812 | 6 | |
| 2/24/2011 | C2 | 813 | 12 | |
| 2/24/2011 | C2A | ---- | 0 | |
| 2/24/2011 | C2A | ---- | 10 | |
| 2/24/2011 | C2A | ---- | 20 | |
| 2/24/2011 | C3 | 806 | 0 | 98 |
| 2/24/2011 | C3 | 806 | 6 | |
| 2/24/2011 | C3 | 806 | 12 | |
| 2/24/2011 | C3A | ---- | 0 | |
| 2/24/2011 | C3A | ---- | 10 | |
| 2/24/2011 | C3A | ---- | 20 | |
| 2/24/2011 | C4 | 800 | 0 | 98 |
| 2/24/2011 | C4 | 800 | 6 | |
| 2/24/2011 | C4 | 801 | 12 | |
| 2/24/2011 | C5 | 753 | 0 | 98 |
| 2/24/2011 | C5 | 753 | 6 | |
| 2/24/2011 | C5 | 753 | 12 | |
| 2/24/2011 | C5A | ---- | 0 | |
| 2/24/2011 | C5A | ---- | 10 | |
| 2/24/2011 | C5A | ---- | 20 | |
| 2/24/2011 | C6 | ---- | 0 | |
| 2/24/2011 | C6 | ---- | 10 | |
| 2/24/2011 | C6 | ---- | 20 | |

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|---|---|---|---|---|
| 2/28/2011 | R1 | 717 | 0 | 8 |
| 2/28/2011 | R1 | 717 | 7 | |
| 2/28/2011 | R1 | 717 | 14 | |
| 2/28/2011 | R2 | 721 | 0 | 8 |
| 2/28/2011 | R2 | 721 | 7 | |
| 2/28/2011 | R2 | 721 | 14 | |
| 2/28/2011 | R3 | 711 | 0 | 8 |
| 2/28/2011 | R3 | 711 | 5 | |
| 2/28/2011 | R3 | 711 | 9 | |
| 2/28/2011 | C1 | 729 | 0 | 8 |
| 2/28/2011 | C1 | 729 | 6 | |
| 2/28/2011 | C1 | 729 | 12 | |
| 2/28/2011 | C1A | ---- | 0 | |
| 2/28/2011 | C1A | ---- | 10 | |
| 2/28/2011 | C1A | ---- | 20 | |
| 2/28/2011 | C2 | 724 | 0 | 8 |
| 2/28/2011 | C2 | 724 | 6 | |
| 2/28/2011 | C2 | 724 | 12 | |
| 2/28/2011 | C2A | ---- | 0 | |
| 2/28/2011 | C2A | ---- | 10 | |
| 2/28/2011 | C2A | ---- | 20 | |
| 2/28/2011 | C3 | 736 | 0 | 8 |
| 2/28/2011 | C3 | 736 | 6 | |
| 2/28/2011 | C3 | 736 | 12 | |
| 2/28/2011 | C3A | ---- | 0 | |
| 2/28/2011 | C3A | ---- | 10 | |
| 2/28/2011 | C3A | ---- | 20 | |
| 2/28/2011 | C4 | 742 | 0 | 8 |
| 2/28/2011 | C4 | 742 | 6 | |
| 2/28/2011 | C4 | 742 | 12 | |
| 2/28/2011 | C5 | 747 | 0 | 8 |
| 2/28/2011 | C5 | 747 | 6 | |
| 2/28/2011 | C5 | 747 | 12 | |
| 2/28/2011 | C5A | ---- | 0 | |
| 2/28/2011 | C5A | ---- | 10 | |
| 2/28/2011 | C5A | ---- | 20 | |
| 2/28/2011 | C6 | ---- | 0 | |
| 2/28/2011 | C6 | ---- | 10 | |
| 2/28/2011 | C6 | ---- | 20 | |
| 3/8/2011 | R1 | 905 | 0 | 45 |
| 3/8/2011 | R1 | 905 | 7 | |
| 3/8/2011 | R1 | 905 | 14 | |
| 3/8/2011 | R2 | 901 | 0 | 45 |
| 3/8/2011 | R2 | 901 | 7 | |

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|---|---|---|---|---|
| 3/8/2011 | R2 | 901 | 14 | |
| 3/8/2011 | R3 | 713 | 0 | 45 |
| 3/8/2011 | R3 | 713 | 5 | |
| 3/8/2011 | R3 | 713 | 9 | |
| 3/8/2011 | C1 | 849 | 0 | 45 |
| 3/8/2011 | C1 | 849 | 6 | |
| 3/8/2011 | C1 | 849 | 12 | |
| 3/8/2011 | C1A | ---- | 0 | |
| 3/8/2011 | C1A | ---- | 10 | |
| 3/8/2011 | C1A | ---- | 20 | |
| 3/8/2011 | C2 | 855 | 0 | 45 |
| 3/8/2011 | C2 | 855 | 6 | |
| 3/8/2011 | C2 | 856 | 12 | |
| 3/8/2011 | C2A | ---- | 0 | |
| 3/8/2011 | C2A | ---- | 10 | |
| 3/8/2011 | C2A | ---- | 20 | |
| 3/8/2011 | C3 | 718 | 0 | 45 |
| 3/8/2011 | C3 | 718 | 6 | |
| 3/8/2011 | C3 | 719 | 12 | |
| 3/8/2011 | C3A | ---- | 0 | |
| 3/8/2011 | C3A | ---- | 10 | |
| 3/8/2011 | C3A | ---- | 20 | |
| 3/8/2011 | C4 | 810 | 0 | 45 |
| 3/8/2011 | C4 | 811 | 6 | |
| 3/8/2011 | C4 | 811 | 12 | |
| 3/8/2011 | C5 | 806 | 0 | 45 |
| 3/8/2011 | C5 | 806 | 6 | |
| 3/8/2011 | C5 | 806 | 12 | |
| 3/8/2011 | C5A | ---- | 0 | |
| 3/8/2011 | C5A | ---- | 10 | |
| 3/8/2011 | C5A | ---- | 20 | |
| 3/8/2011 | C6 | ---- | 0 | |
| 3/8/2011 | C6 | ---- | 10 | |
| 3/8/2011 | C6 | ---- | 20 | |
| 3/12/2011 | R1 | 812 | 0 | 20 |
| 3/12/2011 | R1 | 812 | 7 | |
| 3/12/2011 | R1 | 812 | 14 | |
| 3/12/2011 | R2 | 806 | 0 | 20 |
| 3/12/2011 | R2 | 806 | 7 | |
| 3/12/2011 | R2 | 806 | 14 | |
| 3/12/2011 | R3 | 713 | 0 | 20 |
| 3/12/2011 | R3 | 713 | 5 | |
| 3/12/2011 | R3 | 713 | 9 | |
| 3/12/2011 | C1 | 756 | 0 | 20 |

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|---|---|---|---|---|
| 3/12/2011 | C1 | 756 | 6 | |
| 3/12/2011 | C1 | 756 | 12 | |
| 3/12/2011 | C1A | ---- | 0 | |
| 3/12/2011 | C1A | ---- | 10 | |
| 3/12/2011 | C1A | ---- | 20 | |
| 3/12/2011 | C2 | 750 | 0 | 20 |
| 3/12/2011 | C2 | 750 | 6 | |
| 3/12/2011 | C2 | 750 | 12 | |
| 3/12/2011 | C2A | ---- | 0 | |
| 3/12/2011 | C2A | ---- | 10 | |
| 3/12/2011 | C2A | ---- | 20 | |
| 3/12/2011 | C3 | 722 | 0 | 20 |
| 3/12/2011 | C3 | 722 | 6 | |
| 3/12/2011 | C3 | 722 | 12 | |
| 3/12/2011 | C3A | ---- | 0 | |
| 3/12/2011 | C3A | ---- | 10 | |
| 3/12/2011 | C3A | ---- | 20 | |
| 3/12/2011 | C4 | 731 | 0 | 20 |
| 3/12/2011 | C4 | 731 | 6 | |
| 3/12/2011 | C4 | 731 | 12 | |
| 3/12/2011 | C5 | 738 | 0 | 20 |
| 3/12/2011 | C5 | 738 | 6 | |
| 3/12/2011 | C5 | 738 | 12 | |
| 3/12/2011 | C5A | ---- | 0 | |
| 3/12/2011 | C5A | ---- | 10 | |
| 3/12/2011 | C5A | ---- | 20 | |
| 3/12/2011 | C6 | ---- | 0 | |
| 3/12/2011 | C6 | ---- | 10 | |
| 3/12/2011 | C6 | ---- | 20 | |
| 3/16/2011 | R1 | 707 | 0 | 40 |
| 3/16/2011 | R1 | 707 | 7 | |
| 3/16/2011 | R1 | 707 | 14 | |
| 3/16/2011 | R2 | 713 | 0 | 40 |
| 3/16/2011 | R2 | 713 | 7 | |
| 3/16/2011 | R2 | 713 | 14 | |
| 3/16/2011 | R3 | 658 | 0 | 40 |
| 3/16/2011 | R3 | 658 | 5 | |
| 3/16/2011 | R3 | 658 | 9 | |
| 3/16/2011 | C1 | 722 | 0 | 40 |
| 3/16/2011 | C1 | 722 | 6 | |
| 3/16/2011 | C1 | 723 | 12 | |
| 3/16/2011 | C1A | ---- | 0 | |
| 3/16/2011 | C1A | ---- | 10 | |
| 3/16/2011 | C1A | ---- | 20 | |

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|---|---|---|---|---|
| 3/16/2011 | C2 | 730 | 0 | 40 |
| 3/16/2011 | C2 | 730 | 6 | |
| 3/16/2011 | C2 | 730 | 12 | |
| 3/16/2011 | C2A | ---- | 0 | |
| 3/16/2011 | C2A | ---- | 10 | |
| 3/16/2011 | C2A | ---- | 20 | |
| 3/16/2011 | C3 | 738 | 0 | 40 |
| 3/16/2011 | C3 | 738 | 6 | |
| 3/16/2011 | C3 | 739 | 12 | |
| 3/16/2011 | C3A | ---- | 0 | |
| 3/16/2011 | C3A | ---- | 10 | |
| 3/16/2011 | C3A | ---- | 20 | |
| 3/16/2011 | C4 | 748 | 0 | 40 |
| 3/16/2011 | C4 | 749 | 6 | |
| 3/16/2011 | C4 | 749 | 12 | |
| 3/16/2011 | C5 | 759 | 0 | 40 |
| 3/16/2011 | C5 | 800 | 6 | |
| 3/16/2011 | C5 | 800 | 12 | |
| 3/16/2011 | C5A | ---- | 0 | |
| 3/16/2011 | C5A | ---- | 10 | |
| 3/16/2011 | C5A | ---- | 20 | |
| 3/16/2011 | C6 | ---- | 0 | |
| 3/16/2011 | C6 | ---- | 10 | |
| 3/16/2011 | C6 | ---- | 20 | |
| 3/20/2011 | R1 | 741 | 0 | 45 |
| 3/20/2011 | R1 | 741 | 7 | |
| 3/20/2011 | R1 | 741 | 14 | |
| 3/20/2011 | R2 | 736 | 0 | 45 |
| 3/20/2011 | R2 | 736 | 7 | |
| 3/20/2011 | R2 | 736 | 14 | |
| 3/20/2011 | R3 | 647 | 0 | 45 |
| 3/20/2011 | R3 | 647 | 5 | |
| 3/20/2011 | R3 | 647 | 9 | |
| 3/20/2011 | C1 | 726 | 0 | 45 |
| 3/20/2011 | C1 | 726 | 6 | |
| 3/20/2011 | C1 | 726 | 12 | |
| 3/20/2011 | C1A | ---- | 0 | |
| 3/20/2011 | C1A | ---- | 10 | |
| 3/20/2011 | C1A | ---- | 20 | |
| 3/20/2011 | C2 | 721 | 0 | 45 |
| 3/20/2011 | C2 | 721 | 6 | |
| 3/20/2011 | C2 | 721 | 12 | |
| 3/20/2011 | C2A | ---- | 0 | |
| 3/20/2011 | C2A | ---- | 10 | |

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|---|---|---|---|---|
| 3/20/2011 | C2A | ---- | 20 | |
| 3/20/2011 | C3 | 654 | 0 | 45 |
| 3/20/2011 | C3 | 654 | 6 | |
| 3/20/2011 | C3 | 654 | 12 | |
| 3/20/2011 | C3A | ---- | 0 | |
| 3/20/2011 | C3A | ---- | 10 | |
| 3/20/2011 | C3A | ---- | 20 | |
| 3/20/2011 | C4 | 703 | 0 | 45 |
| 3/20/2011 | C4 | 703 | 6 | |
| 3/20/2011 | C4 | 703 | 12 | |
| 3/20/2011 | C5 | 709 | 0 | 45 |
| 3/20/2011 | C5 | 709 | 6 | |
| 3/20/2011 | C5 | 709 | 12 | |
| 3/20/2011 | C5A | ---- | 0 | |
| 3/20/2011 | C5A | ---- | 10 | |
| 3/20/2011 | C5A | ---- | 20 | |
| 3/20/2011 | C6 | ---- | 0 | |
| 3/20/2011 | C6 | ---- | 10 | |
| 3/20/2011 | C6 | ---- | 20 | |
| 3/24/2011 | R1 | 811 | 0 | 15 |
| 3/24/2011 | R1 | 811 | 7 | |
| 3/24/2011 | R1 | 811 | 14 | |
| 3/24/2011 | R2 | 804 | 0 | 15 |
| 3/24/2011 | R2 | 805 | 7 | |
| 3/24/2011 | R2 | 805 | 14 | |
| 3/24/2011 | R3 | 708 | 0 | 15 |
| 3/24/2011 | R3 | 708 | 5 | |
| 3/24/2011 | R3 | 708 | 9 | |
| 3/24/2011 | C1 | 754 | 0 | 15 |
| 3/24/2011 | C1 | 755 | 6 | |
| 3/24/2011 | C1 | 755 | 12 | |
| 3/24/2011 | C1A | ---- | 0 | |
| 3/24/2011 | C1A | ---- | 10 | |
| 3/24/2011 | C1A | ---- | 20 | |
| 3/24/2011 | C2 | 747 | 0 | 15 |
| 3/24/2011 | C2 | 748 | 6 | |
| 3/24/2011 | C2 | 748 | 12 | |
| 3/24/2011 | C2A | ---- | 0 | |
| 3/24/2011 | C2A | ---- | 10 | |
| 3/24/2011 | C2A | ---- | 20 | |
| 3/24/2011 | C3 | 740 | 0 | 15 |
| 3/24/2011 | C3 | 741 | 6 | |
| 3/24/2011 | C3 | 741 | 12 | |
| 3/24/2011 | C3A | ---- | 0 | |

| | | | | |
|---|---|---|---|---|
| 3/24/2011 | C3A | ---- | 10 | |
| 3/24/2011 | C3A | ---- | 20 | |
| 3/24/2011 | C4 | 732 | 0 | 15 |
| 3/24/2011 | C4 | 733 | 6 | |
| 3/24/2011 | C4 | 733 | 12 | |
| 3/24/2011 | C5 | 726 | 0 | 15 |
| 3/24/2011 | C5 | 726 | 6 | |
| 3/24/2011 | C5 | 726 | 12 | |
| 3/24/2011 | C5A | ---- | 0 | |
| 3/24/2011 | C5A | ---- | 10 | |
| 3/24/2011 | C5A | ---- | 20 | |
| 3/24/2011 | C6 | ---- | 0 | |
| 3/24/2011 | C6 | ---- | 10 | |
| 3/24/2011 | C6 | ---- | 20 | |
| 3/28/2011 | R1 | 758 | 0 | 30 |
| 3/28/2011 | R1 | 758 | 7 | |
| 3/28/2011 | R1 | 758 | 14 | |
| 3/28/2011 | R2 | 751 | 0 | 30 |
| 3/28/2011 | R2 | 751 | 7 | |
| 3/28/2011 | R2 | 752 | 14 | |
| 3/28/2011 | R3 | 659 | 0 | 30 |
| 3/28/2011 | R3 | 659 | 5 | |
| 3/28/2011 | R3 | 659 | 9 | |
| 3/28/2011 | C1 | 741 | 0 | 30 |
| 3/28/2011 | C1 | 741 | 6 | |
| 3/28/2011 | C1 | 742 | 12 | |
| 3/28/2011 | C1A | ---- | 0 | |
| 3/28/2011 | C1A | ---- | 10 | |
| 3/28/2011 | C1A | ---- | 20 | |
| 3/28/2011 | C2 | 734 | 0 | 30 |
| 3/28/2011 | C2 | 734 | 6 | |
| 3/28/2011 | C2 | 735 | 12 | |
| 3/28/2011 | C2A | ---- | 0 | |
| 3/28/2011 | C2A | ---- | 10 | |
| 3/28/2011 | C2A | ---- | 20 | |
| 3/28/2011 | C3 | 729 | 0 | 30 |
| 3/28/2011 | C3 | 729 | 6 | |
| 3/28/2011 | C3 | 729 | 12 | |
| 3/28/2011 | C3A | ---- | 0 | |
| 3/28/2011 | C3A | ---- | 10 | |
| 3/28/2011 | C3A | ---- | 20 | |
| 3/28/2011 | C4 | 720 | 0 | 30 |
| 3/28/2011 | C4 | 720 | 6 | |
| 3/28/2011 | C4 | 720 | 12 | |

| | | | | |
|---|---|---|---|---|
| 3/28/2011 | C5 | 712 | 0 | 30 |
| 3/28/2011 | C5 | 712 | 6 | |
| 3/28/2011 | C5 | 712 | 12 | |
| 3/28/2011 | C5A | ---- | 0 | |
| 3/28/2011 | C5A | ---- | 10 | |
| 3/28/2011 | C5A | ---- | 20 | |
| 3/28/2011 | C6 | ---- | 0 | |
| 3/28/2011 | C6 | ---- | 10 | |
| 3/28/2011 | C6 | ---- | 20 | |
| 4/1/2011 | R1 | 814 | 0 | 70 |
| 4/1/2011 | R1 | 814 | 7 | |
| 4/1/2011 | R1 | 814 | 14 | |
| 4/1/2011 | R2 | 810 | 0 | 70 |
| 4/1/2011 | R2 | 810 | 7 | |
| 4/1/2011 | R2 | 810 | 14 | |
| 4/1/2011 | R3 | 724 | 0 | 70 |
| 4/1/2011 | R3 | 724 | 5 | |
| 4/1/2011 | R3 | 724 | 9 | |
| 4/1/2011 | C1 | 802 | 0 | 70 |
| 4/1/2011 | C1 | 802 | 6 | |
| 4/1/2011 | C1 | 802 | 12 | |
| 4/1/2011 | C1A | ---- | 0 | |
| 4/1/2011 | C1A | ---- | 10 | |
| 4/1/2011 | C1A | ---- | 20 | |
| 4/1/2011 | C2 | 757 | 0 | 70 |
| 4/1/2011 | C2 | 757 | 6 | |
| 4/1/2011 | C2 | 757 | 12 | |
| 4/1/2011 | C2A | ---- | 0 | |
| 4/1/2011 | C2A | ---- | 10 | |
| 4/1/2011 | C2A | ---- | 20 | |
| 4/1/2011 | C3 | 750 | 0 | 70 |
| 4/1/2011 | C3 | 750 | 6 | |
| 4/1/2011 | C3 | 750 | 12 | |
| 4/1/2011 | C3A | ---- | 0 | |
| 4/1/2011 | C3A | ---- | 10 | |
| 4/1/2011 | C3A | ---- | 20 | |
| 4/1/2011 | C4 | 743 | 0 | 70 |
| 4/1/2011 | C4 | 743 | 6 | |
| 4/1/2011 | C4 | 743 | 12 | |
| 4/1/2011 | C5 | 737 | 0 | 70 |
| 4/1/2011 | C5 | 737 | 6 | |
| 4/1/2011 | C5 | 737 | 12 | |
| 4/1/2011 | C5A | ---- | 0 | |
| 4/1/2011 | C5A | ---- | 10 | |

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|---|---|---|---|---|
| 4/1/2011 | C5A | ---- | 20 | |
| 4/1/2011 | C6 | ---- | 0 | |
| 4/1/2011 | C6 | ---- | 10 | |
| 4/1/2011 | C6 | ---- | 20 | |
| 4/5/2011 | R1 | 652 | 0 | 95 |
| 4/5/2011 | R1 | 652 | 7 | |
| 4/5/2011 | R1 | 652 | 14 | |
| 4/5/2011 | R2 | 656 | 0 | 95 |
| 4/5/2011 | R2 | 656 | 7 | |
| 4/5/2011 | R2 | 656 | 14 | |
| 4/5/2011 | R3 | 643 | 0 | 95 |
| 4/5/2011 | R3 | 643 | 5 | |
| 4/5/2011 | R3 | 643 | 9 | |
| 4/5/2011 | C1 | 701 | 0 | 95 |
| 4/5/2011 | C1 | 701 | 6 | |
| 4/5/2011 | C1 | 701 | 12 | |
| 4/5/2011 | C1A | ---- | 0 | |
| 4/5/2011 | C1A | ---- | 10 | |
| 4/5/2011 | C1A | ---- | 20 | |
| 4/5/2011 | C2 | 707 | 0 | 95 |
| 4/5/2011 | C2 | 707 | 6 | |
| 4/5/2011 | C2 | 707 | 12 | |
| 4/5/2011 | C2A | ---- | 0 | |
| 4/5/2011 | C2A | ---- | 10 | |
| 4/5/2011 | C2A | ---- | 20 | |
| 4/5/2011 | C3 | 713 | 0 | 95 |
| 4/5/2011 | C3 | 713 | 6 | |
| 4/5/2011 | C3 | 714 | 12 | |
| 4/5/2011 | C3A | ---- | 0 | |
| 4/5/2011 | C3A | ---- | 10 | |
| 4/5/2011 | C3A | ---- | 20 | |
| 4/5/2011 | C4 | 720 | 0 | 95 |
| 4/5/2011 | C4 | 720 | 6 | |
| 4/5/2011 | C4 | 720 | 12 | |
| 4/5/2011 | C5 | 726 | 0 | 95 |
| 4/5/2011 | C5 | 726 | 6 | |
| 4/5/2011 | C5 | 726 | 12 | |
| 4/5/2011 | C5A | ---- | 0 | |
| 4/5/2011 | C5A | ---- | 10 | |
| 4/5/2011 | C5A | ---- | 20 | |
| 4/5/2011 | C6 | ---- | 0 | |
| 4/5/2011 | C6 | ---- | 10 | |
| 4/5/2011 | C6 | ---- | 20 | |
| 4/9/2011 | R1 | 727 | 0 | 90 |

| | | | | |
|---|---|---|---|---|
| 4/9/2011 | R1 | 727 | 7 | |
| 4/9/2011 | R1 | 727 | 14 | |
| 4/9/2011 | R2 | 721 | 0 | 90 |
| 4/9/2011 | R2 | 721 | 7 | |
| 4/9/2011 | R2 | 721 | 14 | |
| 4/9/2011 | R3 | 635 | 0 | 90 |
| 4/9/2011 | R3 | 635 | 5 | |
| 4/9/2011 | R3 | 635 | 9 | |
| 4/9/2011 | C1 | 714 | 0 | 90 |
| 4/9/2011 | C1 | 714 | 6 | |
| 4/9/2011 | C1 | 714 | 12 | |
| 4/9/2011 | C1A | ---- | 0 | |
| 4/9/2011 | C1A | ---- | 10 | |
| 4/9/2011 | C1A | ---- | 20 | |
| 4/9/2011 | C2 | 709 | 0 | 90 |
| 4/9/2011 | C2 | 709 | 6 | |
| 4/9/2011 | C2 | 709 | 12 | |
| 4/9/2011 | C2A | ---- | 0 | |
| 4/9/2011 | C2A | ---- | 10 | |
| 4/9/2011 | C2A | ---- | 20 | |
| 4/9/2011 | C3 | 644 | 0 | 90 |
| 4/9/2011 | C3 | 644 | 6 | |
| 4/9/2011 | C3 | 644 | 12 | |
| 4/9/2011 | C3A | ---- | 0 | |
| 4/9/2011 | C3A | ---- | 10 | |
| 4/9/2011 | C3A | ---- | 20 | |
| 4/9/2011 | C4 | 652 | 0 | 90 |
| 4/9/2011 | C4 | 652 | 6 | |
| 4/9/2011 | C4 | 652 | 12 | |
| 4/9/2011 | C5 | 657 | 0 | 90 |
| 4/9/2011 | C5 | 657 | 6 | |
| 4/9/2011 | C5 | 657 | 12 | |
| 4/9/2011 | C5A | ---- | 0 | |
| 4/9/2011 | C5A | ---- | 10 | |
| 4/9/2011 | C5A | ---- | 20 | |
| 4/9/2011 | C6 | ---- | 0 | |
| 4/9/2011 | C6 | ---- | 10 | |
| 4/9/2011 | C6 | ---- | 20 | |
| 4/13/2011 | R1 | 921 | 0 | 25 |
| 4/13/2011 | R1 | 922 | 7 | |
| 4/13/2011 | R1 | 922 | 14 | |
| 4/13/2011 | R2 | 914 | 0 | 25 |
| 4/13/2011 | R2 | 914 | 7 | |
| 4/13/2011 | R2 | 915 | 14 | |

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|---|---|---|---|---|
| 4/13/2011 | R3 | 931 | 0 | 25 |
| 4/13/2011 | R3 | 931 | 5 | |
| 4/13/2011 | R3 | 931 | 9 | |
| 4/13/2011 | C1 | 905 | 0 | 25 |
| 4/13/2011 | C1 | 905 | 6 | |
| 4/13/2011 | C1 | 905 | 12 | |
| 4/13/2011 | C1A | ---- | 0 | |
| 4/13/2011 | C1A | ---- | 10 | |
| 4/13/2011 | C1A | ---- | 20 | |
| 4/13/2011 | C2 | 814 | 0 | 25 |
| 4/13/2011 | C2 | 815 | 6 | |
| 4/13/2011 | C2 | 815 | 12 | |
| 4/13/2011 | C2A | ---- | 0 | |
| 4/13/2011 | C2A | ---- | 10 | |
| 4/13/2011 | C2A | ---- | 20 | |
| 4/13/2011 | C3 | 805 | 0 | 25 |
| 4/13/2011 | C3 | 806 | 6 | |
| 4/13/2011 | C3 | 807 | 12 | |
| 4/13/2011 | C3A | ---- | 0 | |
| 4/13/2011 | C3A | ---- | 10 | |
| 4/13/2011 | C3A | ---- | 20 | |
| 4/13/2011 | C4 | 720 | 0 | 25 |
| 4/13/2011 | C4 | 721 | 6 | |
| 4/13/2011 | C4 | 722 | 12 | |
| 4/13/2011 | C5 | 712 | 0 | 25 |
| 4/13/2011 | C5 | 713 | 6 | |
| 4/13/2011 | C5 | 714 | 12 | |
| 4/13/2011 | C5A | ---- | 0 | |
| 4/13/2011 | C5A | ---- | 10 | |
| 4/13/2011 | C5A | ---- | 20 | |
| 4/13/2011 | C6 | ---- | 0 | |
| 4/13/2011 | C6 | ---- | 10 | |
| 4/13/2011 | C6 | ---- | 20 | |
| 4/17/2011 | R1 | 706 | 0 | 60 |
| 4/17/2011 | R1 | 706 | 7 | |
| 4/17/2011 | R1 | 706 | 14 | |
| 4/17/2011 | R2 | 659 | 0 | 60 |
| 4/17/2011 | R2 | 659 | 7 | |
| 4/17/2011 | R2 | 659 | 14 | |
| 4/17/2011 | R3 | 611 | 0 | 60 |
| 4/17/2011 | R3 | 611 | 5 | |
| 4/17/2011 | R3 | 611 | 9 | |
| 4/17/2011 | C1 | 653 | 0 | 60 |
| 4/17/2011 | C1 | 653 | 6 | |

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|---|---|---|---|---|
| 4/17/2011 | C1 | 653 | 12 | |
| 4/17/2011 | C1A | ---- | 0 | |
| 4/17/2011 | C1A | ---- | 10 | |
| 4/17/2011 | C1A | ---- | 20 | |
| 4/17/2011 | C2 | 648 | 0 | 60 |
| 4/17/2011 | C2 | 648 | 6 | |
| 4/17/2011 | C2 | 648 | 12 | |
| 4/17/2011 | C2A | ---- | 0 | |
| 4/17/2011 | C2A | ---- | 10 | |
| 4/17/2011 | C2A | ---- | 20 | |
| 4/17/2011 | C3 | 642 | 0 | 60 |
| 4/17/2011 | C3 | 642 | 6 | |
| 4/17/2011 | C3 | 642 | 12 | |
| 4/17/2011 | C3A | ---- | 0 | |
| 4/17/2011 | C3A | ---- | 10 | |
| 4/17/2011 | C3A | ---- | 20 | |
| 4/17/2011 | C4 | 634 | 0 | 60 |
| 4/17/2011 | C4 | 634 | 6 | |
| 4/17/2011 | C4 | 634 | 12 | |
| 4/17/2011 | C5 | 628 | 0 | 60 |
| 4/17/2011 | C5 | 628 | 6 | |
| 4/17/2011 | C5 | 628 | 12 | |
| 4/17/2011 | C5A | ---- | 0 | |
| 4/17/2011 | C5A | ---- | 10 | |
| 4/17/2011 | C5A | ---- | 20 | |
| 4/17/2011 | C6 | ---- | 0 | |
| 4/17/2011 | C6 | ---- | 10 | |
| 4/17/2011 | C6 | ---- | 20 | |
| 4/21/2011 | R1 | 639 | 0 | 40 |
| 4/21/2011 | R1 | 639 | 7 | |
| 4/21/2011 | R1 | 639 | 14 | |
| 4/21/2011 | R2 | 644 | 0 | 40 |
| 4/21/2011 | R2 | 644 | 7 | |
| 4/21/2011 | R2 | 644 | 14 | |
| 4/21/2011 | R3 | 705 | 0 | 40 |
| 4/21/2011 | R3 | 705 | 5 | |
| 4/21/2011 | R3 | 705 | 9 | |
| 4/21/2011 | C1 | 654 | 0 | 40 |
| 4/21/2011 | C1 | 654 | 6 | |
| 4/21/2011 | C1 | 654 | 12 | |
| 4/21/2011 | C1A | ---- | 0 | |
| 4/21/2011 | C1A | ---- | 10 | |
| 4/21/2011 | C1A | ---- | 20 | |
| 4/21/2011 | C2 | 650 | 0 | 40 |

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|---|---|---|---|---|
| 4/21/2011 | C2 | 650 | 6 | |
| 4/21/2011 | C2 | 650 | 12 | |
| 4/21/2011 | C2A | ---- | 0 | |
| 4/21/2011 | C2A | ---- | 10 | |
| 4/21/2011 | C2A | ---- | 20 | |
| 4/21/2011 | C3 | 712 | 0 | 40 |
| 4/21/2011 | C3 | 712 | 6 | |
| 4/21/2011 | C3 | 712 | 12 | |
| 4/21/2011 | C3A | ---- | 0 | |
| 4/21/2011 | C3A | ---- | 10 | |
| 4/21/2011 | C3A | ---- | 20 | |
| 4/21/2011 | C4 | 719 | 0 | 40 |
| 4/21/2011 | C4 | 719 | 6 | |
| 4/21/2011 | C4 | 719 | 12 | |
| 4/21/2011 | C5 | 726 | 0 | 40 |
| 4/21/2011 | C5 | 726 | 6 | |
| 4/21/2011 | C5 | 726 | 12 | |
| 4/21/2011 | C5A | ---- | 0 | |
| 4/21/2011 | C5A | ---- | 10 | |
| 4/21/2011 | C5A | ---- | 20 | |
| 4/21/2011 | C6 | ---- | 0 | |
| 4/21/2011 | C6 | ---- | 10 | |
| 4/21/2011 | C6 | ---- | 20 | |
| 4/25/2011 | R1 | 638 | 0 | 90 |
| 4/25/2011 | R1 | 638 | 7 | |
| 4/25/2011 | R1 | 638 | 14 | |
| 4/25/2011 | R2 | 643 | 0 | 90 |
| 4/25/2011 | R2 | 643 | 7 | |
| 4/25/2011 | R2 | 643 | 14 | |
| 4/25/2011 | R3 | 632 | 0 | 90 |
| 4/25/2011 | R3 | 632 | 5 | |
| 4/25/2011 | R3 | 632 | 9 | |
| 4/25/2011 | C1 | 650 | 0 | 90 |
| 4/25/2011 | C1 | 650 | 6 | |
| 4/25/2011 | C1 | 650 | 12 | |
| 4/25/2011 | C1A | ---- | 0 | |
| 4/25/2011 | C1A | ---- | 10 | |
| 4/25/2011 | C1A | ---- | 20 | |
| 4/25/2011 | C2 | 657 | 0 | 90 |
| 4/25/2011 | C2 | 657 | 6 | |
| 4/25/2011 | C2 | 657 | 12 | |
| 4/25/2011 | C2A | ---- | 0 | |
| 4/25/2011 | C2A | ---- | 10 | |
| 4/25/2011 | C2A | ---- | 20 | |

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|---|---|---|---|---|
| 4/25/2011 | C3 | 704 | 0 | 90 |
| 4/25/2011 | C3 | 704 | 6 | |
| 4/25/2011 | C3 | 704 | 12 | |
| 4/25/2011 | C3A | ---- | 0 | |
| 4/25/2011 | C3A | ---- | 10 | |
| 4/25/2011 | C3A | ---- | 20 | |
| 4/25/2011 | C4 | 711 | 0 | 90 |
| 4/25/2011 | C4 | 711 | 6 | |
| 4/25/2011 | C4 | 711 | 12 | |
| 4/25/2011 | C5 | 717 | 0 | 90 |
| 4/25/2011 | C5 | 717 | 6 | |
| 4/25/2011 | C5 | 717 | 12 | |
| 4/25/2011 | C5A | ---- | 0 | |
| 4/25/2011 | C5A | ---- | 10 | |
| 4/25/2011 | C5A | ---- | 20 | |
| 4/25/2011 | C6 | ---- | 0 | |
| 4/25/2011 | C6 | ---- | 10 | |
| 4/25/2011 | C6 | ---- | 20 | |
| 4/29/2011 | R1 | 715 | 0 | 20 |
| 4/29/2011 | R1 | 715 | 7 | |
| 4/29/2011 | R1 | 715 | 14 | |
| 4/29/2011 | R2 | 710 | 0 | 20 |
| 4/29/2011 | R2 | 710 | 7 | |
| 4/29/2011 | R2 | 710 | 14 | |
| 4/29/2011 | R3 | 621 | 0 | 20 |
| 4/29/2011 | R3 | 621 | 5 | |
| 4/29/2011 | R3 | 621 | 9 | |
| 4/29/2011 | C1 | 701 | 0 | 20 |
| 4/29/2011 | C1 | 701 | 6 | |
| 4/29/2011 | C1 | 710 | 12 | |
| 4/29/2011 | C1A | ---- | 0 | |
| 4/29/2011 | C1A | ---- | 10 | |
| 4/29/2011 | C1A | ---- | 20 | |
| 4/29/2011 | C2 | 655 | 0 | 20 |
| 4/29/2011 | C2 | 655 | 6 | |
| 4/29/2011 | C2 | 655 | 12 | |
| 4/29/2011 | C2A | ---- | 0 | |
| 4/29/2011 | C2A | ---- | 10 | |
| 4/29/2011 | C2A | ---- | 20 | |
| 4/29/2011 | C3 | 648 | 0 | 20 |
| 4/29/2011 | C3 | 648 | 6 | |
| 4/29/2011 | C3 | 648 | 12 | |
| 4/29/2011 | C3A | ---- | 0 | |
| 4/29/2011 | C3A | ---- | 10 | |

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|---|---|---|---|---|
| 4/29/2011 | C3A | ---- | 20 | |
| 4/29/2011 | C4 | 640 | 0 | 20 |
| 4/29/2011 | C4 | 640 | 6 | |
| 4/29/2011 | C4 | 640 | 12 | |
| 4/29/2011 | C5 | 632 | 0 | 20 |
| 4/29/2011 | C5 | 632 | 6 | |
| 4/29/2011 | C5 | 632 | 12 | |
| 4/29/2011 | C5A | ---- | 0 | |
| 4/29/2011 | C5A | ---- | 10 | |
| 4/29/2011 | C5A | ---- | 20 | |
| 4/29/2011 | C6 | ---- | 0 | |
| 4/29/2011 | C6 | ---- | 10 | |
| 4/29/2011 | C6 | ---- | 20 | |
| 5/3/2011 | R1 | 843 | 0 | 85 |
| 5/3/2011 | R1 | 843 | 7 | |
| 5/3/2011 | R1 | 843 | 14 | |
| 5/3/2011 | R2 | 838 | 0 | 85 |
| 5/3/2011 | R2 | 838 | 7 | |
| 5/3/2011 | R2 | 838 | 14 | |
| 5/3/2011 | R3 | 643 | 0 | 85 |
| 5/3/2011 | R3 | 643 | 5 | |
| 5/3/2011 | R3 | 643 | 9 | |
| 5/3/2011 | C1 | 827 | 0 | 85 |
| 5/3/2011 | C1 | 827 | 6 | |
| 5/3/2011 | C1 | 827 | 12 | |
| 5/3/2011 | C1A | --- | 0 | |
| 5/3/2011 | C1A | --- | 10 | |
| 5/3/2011 | C1A | --- | 20 | |
| 5/3/2011 | C2 | 832 | 0 | 85 |
| 5/3/2011 | C2 | 832 | 6 | |
| 5/3/2011 | C2 | 832 | 12 | |
| 5/3/2011 | C2A | --- | 0 | |
| 5/3/2011 | C2A | --- | 10 | |
| 5/3/2011 | C2A | --- | 20 | |
| 5/3/2011 | C3 | 651 | 0 | 85 |
| 5/3/2011 | C3 | 651 | 6 | |
| 5/3/2011 | C3 | 651 | 12 | |
| 5/3/2011 | C3A | --- | 0 | |
| 5/3/2011 | C3A | --- | 10 | |
| 5/3/2011 | C3A | --- | 20 | |
| 5/3/2011 | C4 | 747 | 0 | 85 |
| 5/3/2011 | C4 | 747 | 6 | |
| 5/3/2011 | C4 | 747 | 12 | |
| 5/3/2011 | C5 | 742 | 0 | 85 |

| | | | | |
|---|---|---|---|---|
| 5/3/2011 | C5 | 742 | 6 | |
| 5/3/2011 | C5 | 742 | 12 | |
| 5/3/2011 | C5A | --- | 0 | |
| 5/3/2011 | C5A | --- | 10 | |
| 5/3/2011 | C5A | --- | 20 | |
| 5/3/2011 | C6 | --- | 0 | |
| 5/3/2011 | C6 | --- | 10 | |
| 5/3/2011 | C6 | --- | 20 | |
| 5/7/2011 | R1 | 803 | 0 | 98 |
| 5/7/2011 | R1 | 803 | 7 | |
| 5/7/2011 | R1 | 803 | 14 | |
| 5/7/2011 | R2 | 758 | 0 | 98 |
| 5/7/2011 | R2 | 758 | 7 | |
| 5/7/2011 | R2 | 758 | 14 | |
| 5/7/2011 | R3 | 708 | 0 | 98 |
| 5/7/2011 | R3 | 708 | 5 | |
| 5/7/2011 | R3 | 708 | 9 | |
| 5/7/2011 | C1 | 749 | 0 | 98 |
| 5/7/2011 | C1 | 749 | 6 | |
| 5/7/2011 | C1 | 749 | 12 | |
| 5/7/2011 | C1A | --- | 0 | |
| 5/7/2011 | C1A | --- | 10 | |
| 5/7/2011 | C1A | --- | 20 | |
| 5/7/2011 | C2 | 743 | 0 | 98 |
| 5/7/2011 | C2 | 743 | 6 | |
| 5/7/2011 | C2 | 743 | 12 | |
| 5/7/2011 | C2A | --- | 0 | |
| 5/7/2011 | C2A | --- | 10 | |
| 5/7/2011 | C2A | --- | 20 | |
| 5/7/2011 | C3 | 716 | 0 | 98 |
| 5/7/2011 | C3 | 716 | 6 | |
| 5/7/2011 | C3 | 716 | 12 | |
| 5/7/2011 | C3A | --- | 0 | |
| 5/7/2011 | C3A | --- | 10 | |
| 5/7/2011 | C3A | --- | 20 | |
| 5/7/2011 | C4 | 725 | 0 | 98 |
| 5/7/2011 | C4 | 725 | 6 | |
| 5/7/2011 | C4 | 725 | 12 | |
| 5/7/2011 | C5 | 731 | 0 | 98 |
| 5/7/2011 | C5 | 731 | 6 | |
| 5/7/2011 | C5 | 731 | 12 | |
| 5/7/2011 | C5A | --- | 0 | |
| 5/7/2011 | C5A | --- | 10 | |
| 5/7/2011 | C5A | --- | 20 | |

| | | | | |
|---|---|---|---|---|
| 5/7/2011 | C6 | --- | 0 | |
| 5/7/2011 | C6 | --- | 10 | |
| 5/7/2011 | C6 | --- | 20 | |
| 5/11/2011 | R1 | 714 | 0 | 35 |
| 5/11/2011 | R1 | 714 | 7 | |
| 5/11/2011 | R1 | 714 | 14 | |
| 5/11/2011 | R2 | 706 | 0 | 35 |
| 5/11/2011 | R2 | 706 | 7 | |
| 5/11/2011 | R2 | 707 | 14 | |
| 5/11/2011 | R3 | 618 | 0 | 35 |
| 5/11/2011 | R3 | 618 | 5 | |
| 5/11/2011 | R3 | 619 | 9 | |
| 5/11/2011 | C1 | 658 | 0 | 35 |
| 5/11/2011 | C1 | 658 | 6 | |
| 5/11/2011 | C1 | 658 | 12 | |
| 5/11/2011 | C1A | --- | 0 | |
| 5/11/2011 | C1A | --- | 10 | |
| 5/11/2011 | C1A | --- | 20 | |
| 5/11/2011 | C2 | 651 | 0 | 35 |
| 5/11/2011 | C2 | 651 | 6 | |
| 5/11/2011 | C2 | 651 | 12 | |
| 5/11/2011 | C2A | --- | 0 | |
| 5/11/2011 | C2A | --- | 10 | |
| 5/11/2011 | C2A | --- | 20 | |
| 5/11/2011 | C3 | 645 | 0 | 35 |
| 5/11/2011 | C3 | 645 | 6 | |
| 5/11/2011 | C3 | 645 | 12 | |
| 5/11/2011 | C3A | --- | 0 | |
| 5/11/2011 | C3A | --- | 10 | |
| 5/11/2011 | C3A | --- | 20 | |
| 5/11/2011 | C4 | 638 | 0 | 35 |
| 5/11/2011 | C4 | 638 | 6 | |
| 5/11/2011 | C4 | 638 | 12 | |
| 5/11/2011 | C5 | 631 | 0 | 35 |
| 5/11/2011 | C5 | 631 | 6 | |
| 5/11/2011 | C5 | 632 | 12 | |
| 5/11/2011 | C5A | --- | 0 | |
| 5/11/2011 | C5A | --- | 10 | |
| 5/11/2011 | C5A | --- | 20 | |
| 5/11/2011 | C6 | --- | 0 | |
| 5/11/2011 | C6 | --- | 10 | |
| 5/11/2011 | C6 | --- | 20 | |
| 5/15/2011 | R1 | 706 | 0 | 30 |
| 5/15/2011 | R1 | 706 | 7 | |

| | | | | |
|---|---|---|---|---|
| 5/15/2011 | R1 | 706 | 14 | |
| 5/15/2011 | R2 | 700 | 0 | 30 |
| 5/15/2011 | R2 | 700 | 7 | |
| 5/15/2011 | R2 | 700 | 14 | |
| 5/15/2011 | R3 | 614 | 0 | 30 |
| 5/15/2011 | R3 | 614 | 5 | |
| 5/15/2011 | R3 | 614 | 9 | |
| 5/15/2011 | C1 | 650 | 0 | 30 |
| 5/15/2011 | C1 | 650 | 6 | |
| 5/15/2011 | C1 | 650 | 12 | |
| 5/15/2011 | C1A | --- | 0 | |
| 5/15/2011 | C1A | --- | 10 | |
| 5/15/2011 | C1A | --- | 20 | |
| 5/15/2011 | C2 | 645 | 0 | 30 |
| 5/15/2011 | C2 | 645 | 6 | |
| 5/15/2011 | C2 | 645 | 12 | |
| 5/15/2011 | C2A | --- | 0 | |
| 5/15/2011 | C2A | --- | 10 | |
| 5/15/2011 | C2A | --- | 20 | |
| 5/15/2011 | C3 | 638 | 0 | 30 |
| 5/15/2011 | C3 | 638 | 6 | |
| 5/15/2011 | C3 | 638 | 12 | |
| 5/15/2011 | C3A | --- | 0 | |
| 5/15/2011 | C3A | --- | 10 | |
| 5/15/2011 | C3A | --- | 20 | |
| 5/15/2011 | C4 | 632 | 0 | 30 |
| 5/15/2011 | C4 | 632 | 6 | |
| 5/15/2011 | C4 | 632 | 12 | |
| 5/15/2011 | C5 | 626 | 0 | 30 |
| 5/15/2011 | C5 | 626 | 6 | |
| 5/15/2011 | C5 | 626 | 12 | |
| 5/15/2011 | C5A | --- | 0 | |
| 5/15/2011 | C5A | --- | 10 | |
| 5/15/2011 | C5A | --- | 20 | |
| 5/15/2011 | C6 | --- | 0 | |
| 5/15/2011 | C6 | --- | 10 | |
| 5/15/2011 | C6 | --- | 20 | |
| 5/19/2011 | R1 | 634 | 0 | 18 |
| 5/19/2011 | R1 | 634 | 7 | |
| 5/19/2011 | R1 | 634 | 14 | |
| 5/19/2011 | R2 | 638 | 0 | 18 |
| 5/19/2011 | R2 | 638 | 7 | |
| 5/19/2011 | R2 | 638 | 14 | |
| 5/19/2011 | R3 | 629 | 0 | 18 |

| | | | | |
|---|---|---|---|---|
| 5/19/2011 | R3 | 629 | 5 | |
| 5/19/2011 | R3 | 629 | 9 | |
| 5/19/2011 | C1 | 643 | 0 | 18 |
| 5/19/2011 | C1 | 643 | 6 | |
| 5/19/2011 | C1 | 643 | 12 | |
| 5/19/2011 | C1A | --- | 0 | |
| 5/19/2011 | C1A | --- | 10 | |
| 5/19/2011 | C1A | --- | 20 | |
| 5/19/2011 | C2 | 649 | 0 | 18 |
| 5/19/2011 | C2 | 649 | 6 | |
| 5/19/2011 | C2 | 649 | 12 | |
| 5/19/2011 | C2A | --- | 0 | |
| 5/19/2011 | C2A | --- | 10 | |
| 5/19/2011 | C2A | --- | 20 | |
| 5/19/2011 | C3 | 654 | 0 | 18 |
| 5/19/2011 | C3 | 654 | 6 | |
| 5/19/2011 | C3 | 654 | 12 | |
| 5/19/2011 | C3A | --- | 0 | |
| 5/19/2011 | C3A | --- | 10 | |
| 5/19/2011 | C3A | --- | 20 | |
| 5/19/2011 | C4 | 701 | 0 | 18 |
| 5/19/2011 | C4 | 701 | 6 | |
| 5/19/2011 | C4 | 701 | 12 | |
| 5/19/2011 | C5 | 706 | 0 | 18 |
| 5/19/2011 | C5 | 706 | 6 | |
| 5/19/2011 | C5 | 706 | 12 | |
| 5/19/2011 | C5A | --- | 0 | |
| 5/19/2011 | C5A | --- | 10 | |
| 5/19/2011 | C5A | --- | 20 | |
| 5/19/2011 | C6 | --- | 0 | |
| 5/19/2011 | C6 | --- | 10 | |
| 5/19/2011 | C6 | --- | 20 | |
| 5/23/2011 | R1 | 718 | 0 | 25 |
| 5/23/2011 | R1 | 718 | 7 | |
| 5/23/2011 | R1 | 719 | 14 | |
| 5/23/2011 | R2 | 712 | 0 | 25 |
| 5/23/2011 | R2 | 712 | 7 | |
| 5/23/2011 | R2 | 713 | 14 | |
| 5/23/2011 | R3 | 617 | 0 | 25 |
| 5/23/2011 | R3 | 617 | 5 | |
| 5/23/2011 | R3 | 618 | 9 | |
| 5/23/2011 | C1 | 703 | 0 | 25 |
| 5/23/2011 | C1 | 703 | 6 | |
| 5/23/2011 | C1 | 704 | 12 | |

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|---|---|---|---|---|
| 5/23/2011 | C1A | --- | 0 | |
| 5/23/2011 | C1A | --- | 10 | |
| 5/23/2011 | C1A | --- | 20 | |
| 5/23/2011 | C2 | 657 | 0 | 25 |
| 5/23/2011 | C2 | 657 | 6 | |
| 5/23/2011 | C2 | 657 | 12 | |
| 5/23/2011 | C2A | --- | 0 | |
| 5/23/2011 | C2A | --- | 10 | |
| 5/23/2011 | C2A | --- | 20 | |
| 5/23/2011 | C3 | 651 | 0 | 25 |
| 5/23/2011 | C3 | 651 | 6 | |
| 5/23/2011 | C3 | 651 | 12 | |
| 5/23/2011 | C3A | --- | 0 | |
| 5/23/2011 | C3A | --- | 10 | |
| 5/23/2011 | C3A | --- | 20 | |
| 5/23/2011 | C4 | 643 | 0 | 25 |
| 5/23/2011 | C4 | 643 | 6 | |
| 5/23/2011 | C4 | 643 | 12 | |
| 5/23/2011 | C5 | 637 | 0 | 25 |
| 5/23/2011 | C5 | 637 | 6 | |
| 5/23/2011 | C5 | 638 | 12 | |
| 5/23/2011 | C5A | --- | 0 | |
| 5/23/2011 | C5A | --- | 10 | |
| 5/23/2011 | C5A | --- | 20 | |
| 5/23/2011 | C6 | --- | 0 | |
| 5/23/2011 | C6 | --- | 10 | |
| 5/23/2011 | C6 | --- | 20 | |
| 5/27/2011 | R1 | 631 | 0 | 35 |
| 5/27/2011 | R1 | 631 | 7 | |
| 5/27/2011 | R1 | 631 | 14 | |
| 5/27/2011 | R2 | 635 | 0 | 35 |
| 5/27/2011 | R2 | 635 | 7 | |
| 5/27/2011 | R2 | 635 | 14 | |
| 5/27/2011 | R3 | 657 | 0 | 35 |
| 5/27/2011 | R3 | 657 | 5 | |
| 5/27/2011 | R3 | 657 | 9 | |
| 5/27/2011 | C1 | 642 | 0 | 35 |
| 5/27/2011 | C1 | 642 | 6 | |
| 5/27/2011 | C1 | 642 | 12 | |
| 5/27/2011 | C1A | --- | 0 | |
| 5/27/2011 | C1A | --- | 10 | |
| 5/27/2011 | C1A | --- | 20 | |
| 5/27/2011 | C2 | 649 | 0 | 35 |
| 5/27/2011 | C2 | 649 | 6 | |

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|---|---|---|---|---|
| 5/27/2011 | C2 | 649 | 12 | |
| 5/27/2011 | C2A | --- | 0 | |
| 5/27/2011 | C2A | --- | 10 | |
| 5/27/2011 | C2A | --- | 20 | |
| 5/27/2011 | C3 | 704 | 0 | 35 |
| 5/27/2011 | C3 | 704 | 6 | |
| 5/27/2011 | C3 | 704 | 12 | |
| 5/27/2011 | C3A | --- | 0 | |
| 5/27/2011 | C3A | --- | 10 | |
| 5/27/2011 | C3A | --- | 20 | |
| 5/27/2011 | C4 | 712 | 0 | 35 |
| 5/27/2011 | C4 | 712 | 6 | |
| 5/27/2011 | C4 | 712 | 12 | |
| 5/27/2011 | C5 | 719 | 0 | 35 |
| 5/27/2011 | C5 | 720 | 6 | |
| 5/27/2011 | C5 | 720 | 12 | |
| 5/27/2011 | C5A | --- | 0 | |
| 5/27/2011 | C5A | --- | 10 | |
| 5/27/2011 | C5A | --- | 20 | |
| 5/27/2011 | C6 | --- | 0 | |
| 5/27/2011 | C6 | --- | 10 | |
| 5/27/2011 | C6 | --- | 20 | |
| 5/31/2011 | R1 | 717 | 0 | 30 |
| 5/31/2011 | R1 | 717 | 7 | |
| 5/31/2011 | R1 | 718 | 14 | |
| 5/31/2011 | R2 | 711 | 0 | 30 |
| 5/31/2011 | R2 | 711 | 7 | |
| 5/31/2011 | R2 | 711 | 14 | |
| 5/31/2011 | R3 | 617 | 0 | 30 |
| 5/31/2011 | R3 | 618 | 5 | |
| 5/31/2011 | R3 | 618 | 9 | |
| 5/31/2011 | C1 | 703 | 0 | 30 |
| 5/31/2011 | C1 | 703 | 6 | |
| 5/31/2011 | C1 | 703 | 12 | |
| 5/31/2011 | C1A | --- | 0 | |
| 5/31/2011 | C1A | --- | 10 | |
| 5/31/2011 | C1A | --- | 20 | |
| 5/31/2011 | C2 | 655 | 0 | 30 |
| 5/31/2011 | C2 | 656 | 6 | |
| 5/31/2011 | C2 | 656 | 12 | |
| 5/31/2011 | C2A | --- | 0 | |
| 5/31/2011 | C2A | --- | 10 | |
| 5/31/2011 | C2A | --- | 20 | |
| 5/31/2011 | C3 | 647 | 0 | 30 |

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|---|---|---|---|---|
| 5/31/2011 | C3 | 648 | 6 | |
| 5/31/2011 | C3 | 648 | 12 | |
| 5/31/2011 | C3A | --- | 0 | |
| 5/31/2011 | C3A | --- | 10 | |
| 5/31/2011 | C3A | --- | 20 | |
| 5/31/2011 | C4 | 640 | 0 | 30 |
| 5/31/2011 | C4 | 641 | 6 | |
| 5/31/2011 | C4 | 641 | 12 | |
| 5/31/2011 | C5 | 632 | 0 | 30 |
| 5/31/2011 | C5 | 634 | 6 | |
| 5/31/2011 | C5 | 634 | 12 | |
| 5/31/2011 | C5A | --- | 0 | |
| 5/31/2011 | C5A | --- | 10 | |
| 5/31/2011 | C5A | --- | 20 | |
| 5/31/2011 | C6 | --- | 0 | |
| 5/31/2011 | C6 | --- | 10 | |
| 5/31/2011 | C6 | --- | 20 | |
| 6/4/2011 | R1 | 709 | 0 | 100 |
| 6/4/2011 | R1 | 709 | 7 | |
| 6/4/2011 | R1 | 709 | 14 | |
| 6/4/2011 | R2 | 703 | 0 | 100 |
| 6/4/2011 | R2 | 703 | 7 | |
| 6/4/2011 | R2 | 703 | 14 | |
| 6/4/2011 | R3 | 617 | 0 | 100 |
| 6/4/2011 | R3 | 617 | 5 | |
| 6/4/2011 | R3 | 617 | 9 | |
| 6/4/2011 | C1 | 656 | 0 | 100 |
| 6/4/2011 | C1 | 656 | 6 | |
| 6/4/2011 | C1 | 656 | 12 | |
| 6/4/2011 | C1A | --- | 0 | |
| 6/4/2011 | C1A | --- | 10 | |
| 6/4/2011 | C1A | --- | 20 | |
| 6/4/2011 | C2 | 650 | 0 | 100 |
| 6/4/2011 | C2 | 650 | 6 | |
| 6/4/2011 | C2 | 650 | 12 | |
| 6/4/2011 | C2A | --- | 0 | |
| 6/4/2011 | C2A | --- | 10 | |
| 6/4/2011 | C2A | --- | 20 | |
| 6/4/2011 | C3 | 626 | 0 | 100 |
| 6/4/2011 | C3 | 626 | 6 | |
| 6/4/2011 | C3 | 626 | 12 | |
| 6/4/2011 | C3A | --- | 0 | |
| 6/4/2011 | C3A | --- | 10 | |
| 6/4/2011 | C3A | --- | 20 | |

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|---|---|---|---|---|
| 6/4/2011 | C4 | 633 | 0 | 100 |
| 6/4/2011 | C4 | 633 | 6 | |
| 6/4/2011 | C4 | 633 | 12 | |
| 6/4/2011 | C5 | 639 | 0 | 100 |
| 6/4/2011 | C5 | 639 | 6 | |
| 6/4/2011 | C5 | 639 | 12 | |
| 6/4/2011 | C5A | --- | 0 | |
| 6/4/2011 | C5A | --- | 10 | |
| 6/4/2011 | C5A | --- | 20 | |
| 6/4/2011 | C6 | --- | 0 | |
| 6/4/2011 | C6 | --- | 10 | |
| 6/4/2011 | C6 | --- | 20 | |
| 6/8/2011 | R1 | 816 | 0 | 75 |
| 6/8/2011 | R1 | 816 | 7 | |
| 6/8/2011 | R1 | 816 | 14 | |
| 6/8/2011 | R2 | 812 | 0 | 75 |
| 6/8/2011 | R2 | 812 | 7 | |
| 6/8/2011 | R2 | 812 | 14 | |
| 6/8/2011 | R3 | 620 | 0 | 75 |
| 6/8/2011 | R3 | 620 | 5 | |
| 6/8/2011 | R3 | 620 | 9 | |
| 6/8/2011 | C1 | 759 | 0 | 75 |
| 6/8/2011 | C1 | 759 | 6 | |
| 6/8/2011 | C1 | 759 | 12 | |
| 6/8/2011 | C1A | --- | 0 | |
| 6/8/2011 | C1A | --- | 10 | |
| 6/8/2011 | C1A | --- | 20 | |
| 6/8/2011 | C2 | 806 | 0 | 75 |
| 6/8/2011 | C2 | 806 | 6 | |
| 6/8/2011 | C2 | 806 | 12 | |
| 6/8/2011 | C2A | --- | 0 | |
| 6/8/2011 | C2A | --- | 10 | |
| 6/8/2011 | C2A | --- | 20 | |
| 6/8/2011 | C3 | 711 | 0 | 75 |
| 6/8/2011 | C3 | 711 | 6 | |
| 6/8/2011 | C3 | 711 | 12 | |
| 6/8/2011 | C3A | --- | 0 | |
| 6/8/2011 | C3A | --- | 10 | |
| 6/8/2011 | C3A | --- | 20 | |
| 6/8/2011 | C4 | 705 | 0 | 75 |
| 6/8/2011 | C4 | 705 | 6 | |
| 6/8/2011 | C4 | 705 | 12 | |
| 6/8/2011 | C5 | 634 | 0 | 75 |
| 6/8/2011 | C5 | 634 | 6 | |

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|---|---|---|---|---|
| 6/8/2011 | C5 | 634 | 12 | |
| 6/8/2011 | C5A | --- | 0 | |
| 6/8/2011 | C5A | --- | 10 | |
| 6/8/2011 | C5A | --- | 20 | |
| 6/8/2011 | C6 | --- | 0 | |
| 6/8/2011 | C6 | --- | 10 | |
| 6/8/2011 | C6 | --- | 20 | |
| 6/12/2011 | R1 | 720 | 0 | 65 |
| 6/12/2011 | R1 | 720 | 7 | |
| 6/12/2011 | R1 | 720 | 14 | |
| 6/12/2011 | R2 | 715 | 0 | 65 |
| 6/12/2011 | R2 | 715 | 7 | |
| 6/12/2011 | R2 | 715 | 14 | |
| 6/12/2011 | R3 | 631 | 0 | 65 |
| 6/12/2011 | R3 | 631 | 5 | |
| 6/12/2011 | R3 | 631 | 9 | |
| 6/12/2011 | C1 | 706 | 0 | 65 |
| 6/12/2011 | C1 | 706 | 6 | |
| 6/12/2011 | C1 | 706 | 12 | |
| 6/12/2011 | C1A | --- | 0 | |
| 6/12/2011 | C1A | --- | 10 | |
| 6/12/2011 | C1A | --- | 20 | |
| 6/12/2011 | C2 | 701 | 0 | 65 |
| 6/12/2011 | C2 | 701 | 6 | |
| 6/12/2011 | C2 | 701 | 12 | |
| 6/12/2011 | C2A | --- | 0 | |
| 6/12/2011 | C2A | --- | 10 | |
| 6/12/2011 | C2A | --- | 20 | |
| 6/12/2011 | C3 | 655 | 0 | 65 |
| 6/12/2011 | C3 | 655 | 6 | |
| 6/12/2011 | C3 | 655 | 12 | |
| 6/12/2011 | C3A | --- | 0 | |
| 6/12/2011 | C3A | --- | 10 | |
| 6/12/2011 | C3A | --- | 20 | |
| 6/12/2011 | C4 | 649 | 0 | 65 |
| 6/12/2011 | C4 | 649 | 6 | |
| 6/12/2011 | C4 | 649 | 12 | |
| 6/12/2011 | C5 | 642 | 0 | 65 |
| 6/12/2011 | C5 | 642 | 6 | |
| 6/12/2011 | C5 | 642 | 12 | |
| 6/12/2011 | C5A | --- | 0 | |
| 6/12/2011 | C5A | --- | 10 | |
| 6/12/2011 | C5A | --- | 20 | |
| 6/12/2011 | C6 | --- | 0 | |

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|---|---|---|---|---|
| 6/12/2011 | C6 | --- | 10 | |
| 6/12/2011 | C6 | --- | 20 | |
| 6/16/2011 | R1 | 638 | 0 | 80 |
| 6/16/2011 | R1 | 638 | 7 | |
| 6/16/2011 | R1 | 638 | 14 | |
| 6/16/2011 | R2 | 642 | 0 | 80 |
| 6/16/2011 | R2 | 642 | 7 | |
| 6/16/2011 | R2 | 642 | 14 | |
| 6/16/2011 | R3 | 631 | 0 | 80 |
| 6/16/2011 | R3 | 631 | 5 | |
| 6/16/2011 | R3 | 631 | 9 | |
| 6/16/2011 | C1 | 647 | 0 | 80 |
| 6/16/2011 | C1 | 647 | 6 | |
| 6/16/2011 | C1 | 647 | 12 | |
| 6/16/2011 | C1A | --- | 0 | |
| 6/16/2011 | C1A | --- | 10 | |
| 6/16/2011 | C1A | --- | 20 | |
| 6/16/2011 | C2 | 654 | 0 | 80 |
| 6/16/2011 | C2 | 654 | 6 | |
| 6/16/2011 | C2 | 654 | 12 | |
| 6/16/2011 | C2A | --- | 0 | |
| 6/16/2011 | C2A | --- | 10 | |
| 6/16/2011 | C2A | --- | 20 | |
| 6/16/2011 | C3 | 701 | 0 | 80 |
| 6/16/2011 | C3 | 701 | 6 | |
| 6/16/2011 | C3 | 701 | 12 | |
| 6/16/2011 | C3A | --- | 0 | |
| 6/16/2011 | C3A | --- | 10 | |
| 6/16/2011 | C3A | --- | 20 | |
| 6/16/2011 | C4 | 709 | 0 | 80 |
| 6/16/2011 | C4 | 709 | 6 | |
| 6/16/2011 | C4 | 709 | 12 | |
| 6/16/2011 | C5 | 713 | 0 | 80 |
| 6/16/2011 | C5 | 713 | 6 | |
| 6/16/2011 | C5 | 713 | 12 | |
| 6/16/2011 | C5A | --- | 0 | |
| 6/16/2011 | C5A | --- | 10 | |
| 6/16/2011 | C5A | --- | 20 | |
| 6/16/2011 | C6 | --- | 0 | |
| 6/16/2011 | C6 | --- | 10 | |
| 6/16/2011 | C6 | --- | 20 | |
| 6/20/2011 | R1 | 733 | 0 | 60 |
| 6/20/2011 | R1 | 733 | 7 | |
| 6/20/2011 | R1 | 734 | 14 | |

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|---|---|---|---|---|
| 6/20/2011 | R2 | 728 | 0 | 60 |
| 6/20/2011 | R2 | 728 | 7 | |
| 6/20/2011 | R2 | 729 | 14 | |
| 6/20/2011 | R3 | 622 | 0 | 60 |
| 6/20/2011 | R3 | 622 | 5 | |
| 6/20/2011 | R3 | 622 | 9 | |
| 6/20/2011 | C1 | 718 | 0 | 60 |
| 6/20/2011 | C1 | 718 | 6 | |
| 6/20/2011 | C1 | 719 | 12 | |
| 6/20/2011 | C1A | --- | 0 | |
| 6/20/2011 | C1A | --- | 10 | |
| 6/20/2011 | C1A | --- | 20 | |
| 6/20/2011 | C2 | 710 | 0 | 60 |
| 6/20/2011 | C2 | 710 | 6 | |
| 6/20/2011 | C2 | 711 | 12 | |
| 6/20/2011 | C2A | --- | 0 | |
| 6/20/2011 | C2A | --- | 10 | |
| 6/20/2011 | C2A | --- | 20 | |
| 6/20/2011 | C3 | 700 | 0 | 60 |
| 6/20/2011 | C3 | 700 | 6 | |
| 6/20/2011 | C3 | 701 | 12 | |
| 6/20/2011 | C3A | --- | 0 | |
| 6/20/2011 | C3A | --- | 10 | |
| 6/20/2011 | C3A | --- | 20 | |
| 6/20/2011 | C4 | 650 | 0 | 60 |
| 6/20/2011 | C4 | 650 | 6 | |
| 6/20/2011 | C4 | 651 | 12 | |
| 6/20/2011 | C5 | 641 | 0 | 60 |
| 6/20/2011 | C5 | 641 | 6 | |
| 6/20/2011 | C5 | 641 | 12 | |
| 6/20/2011 | C5A | --- | 0 | |
| 6/20/2011 | C5A | --- | 10 | |
| 6/20/2011 | C5A | --- | 20 | |
| 6/20/2011 | C6 | --- | 0 | |
| 6/20/2011 | C6 | --- | 10 | |
| 6/20/2011 | C6 | --- | 20 | |
| 6/24/2011 | R1 | 739 | 0 | 75 |
| 6/24/2011 | R1 | 740 | 7 | |
| 6/24/2011 | R1 | 740 | 14 | |
| 6/24/2011 | R2 | 731 | 0 | 75 |
| 6/24/2011 | R2 | 731 | 7 | |
| 6/24/2011 | R2 | 731 | 14 | |
| 6/24/2011 | R3 | 616 | 0 | 75 |
| 6/24/2011 | R3 | 616 | 5 | |

| | | | | |
|---|---|---|---|---|
| 6/24/2011 | R3 | 616 | 9 | |
| 6/24/2011 | C1 | 716 | 0 | 75 |
| 6/24/2011 | C1 | 716 | 6 | |
| 6/24/2011 | C1 | 716 | 12 | |
| 6/24/2011 | C1A | --- | 0 | |
| 6/24/2011 | C1A | --- | 10 | |
| 6/24/2011 | C1A | --- | 20 | |
| 6/24/2011 | C2 | 709 | 0 | 75 |
| 6/24/2011 | C2 | 709 | 6 | |
| 6/24/2011 | C2 | 709 | 12 | |
| 6/24/2011 | C2A | --- | 0 | |
| 6/24/2011 | C2A | --- | 10 | |
| 6/24/2011 | C2A | --- | 20 | |
| 6/24/2011 | C3 | 629 | 0 | 75 |
| 6/24/2011 | C3 | 629 | 6 | |
| 6/24/2011 | C3 | 629 | 12 | |
| 6/24/2011 | C3A | --- | 0 | |
| 6/24/2011 | C3A | --- | 10 | |
| 6/24/2011 | C3A | --- | 20 | |
| 6/24/2011 | C4 | 644 | 0 | 75 |
| 6/24/2011 | C4 | 644 | 6 | |
| 6/24/2011 | C4 | 644 | 12 | |
| 6/24/2011 | C5 | 653 | 0 | 75 |
| 6/24/2011 | C5 | 654 | 6 | |
| 6/24/2011 | C5 | 654 | 12 | |
| 6/24/2011 | C5A | --- | 0 | |
| 6/24/2011 | C5A | --- | 10 | |
| 6/24/2011 | C5A | --- | 20 | |
| 6/24/2011 | C6 | --- | 0 | |
| 6/24/2011 | C6 | --- | 10 | |
| 6/24/2011 | C6 | --- | 20 | |
| 6/28/2011 | R1 | 750 | 0 | 80 |
| 6/28/2011 | R1 | 750 | 7 | |
| 6/28/2011 | R1 | 750 | 14 | |
| 6/28/2011 | R2 | 743 | 0 | 80 |
| 6/28/2011 | R2 | 743 | 7 | |
| 6/28/2011 | R2 | 743 | 14 | |
| 6/28/2011 | R3 | 659 | 0 | 80 |
| 6/28/2011 | R3 | 659 | 5 | |
| 6/28/2011 | R3 | 659 | 9 | |
| 6/28/2011 | C1 | 735 | 0 | 80 |
| 6/28/2011 | C1 | 735 | 6 | |
| 6/28/2011 | C1 | 735 | 12 | |
| 6/28/2011 | C1A | --- | 0 | |

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|---|---|---|---|---|
| 6/28/2011 | C1A | --- | 10 | |
| 6/28/2011 | C1A | --- | 20 | |
| 6/28/2011 | C2 | 729 | 0 | 80 |
| 6/28/2011 | C2 | 729 | 6 | |
| 6/28/2011 | C2 | 729 | 12 | |
| 6/28/2011 | C2A | --- | 0 | |
| 6/28/2011 | C2A | --- | 10 | |
| 6/28/2011 | C2A | --- | 20 | |
| 6/28/2011 | C3 | 724 | 0 | 80 |
| 6/28/2011 | C3 | 724 | 6 | |
| 6/28/2011 | C3 | 724 | 12 | |
| 6/28/2011 | C3A | --- | 0 | |
| 6/28/2011 | C3A | --- | 10 | |
| 6/28/2011 | C3A | --- | 20 | |
| 6/28/2011 | C4 | 717 | 0 | 80 |
| 6/28/2011 | C4 | 717 | 6 | |
| 6/28/2011 | C4 | 717 | 12 | |
| 6/28/2011 | C5 | 712 | 0 | 80 |
| 6/28/2011 | C5 | 712 | 6 | |
| 6/28/2011 | C5 | 712 | 12 | |
| 6/28/2011 | C5A | --- | 0 | |
| 6/28/2011 | C5A | --- | 10 | |
| 6/28/2011 | C5A | --- | 20 | |
| 6/28/2011 | C6 | --- | 0 | |
| 6/28/2011 | C6 | --- | 10 | |
| 6/28/2011 | C6 | --- | 20 | |
| 7/2/2011 | R1 | 708 | 0 | 45 |
| 7/2/2011 | R1 | 708 | 7 | |
| 7/2/2011 | R1 | 708 | 14 | |
| 7/2/2011 | R2 | 703 | 0 | 45 |
| 7/2/2011 | R2 | 703 | 7 | |
| 7/2/2011 | R2 | 703 | 14 | |
| 7/2/2011 | R3 | 615 | 0 | 45 |
| 7/2/2011 | R3 | 615 | 5 | |
| 7/2/2011 | R3 | 615 | 9 | |
| 7/2/2011 | C1 | 655 | 0 | 45 |
| 7/2/2011 | C1 | 655 | 6 | |
| 7/2/2011 | C1 | 655 | 12 | |
| 7/2/2011 | C1A | --- | 0 | |
| 7/2/2011 | C1A | --- | 10 | |
| 7/2/2011 | C1A | --- | 20 | |
| 7/2/2011 | C2 | 649 | 0 | 45 |
| 7/2/2011 | C2 | 649 | 6 | |
| 7/2/2011 | C2 | 649 | 12 | |

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|---|---|---|---|---|
| 7/2/2011 | C2A | --- | 0 | |
| 7/2/2011 | C2A | --- | 10 | |
| 7/2/2011 | C2A | --- | 20 | |
| 7/2/2011 | C3 | 622 | 0 | 45 |
| 7/2/2011 | C3 | 622 | 6 | |
| 7/2/2011 | C3 | 622 | 12 | |
| 7/2/2011 | C3A | --- | 0 | |
| 7/2/2011 | C3A | --- | 10 | |
| 7/2/2011 | C3A | --- | 20 | |
| 7/2/2011 | C4 | 632 | 0 | 45 |
| 7/2/2011 | C4 | 632 | 6 | |
| 7/2/2011 | C4 | 632 | 12 | |
| 7/2/2011 | C5 | 638 | 0 | 45 |
| 7/2/2011 | C5 | 638 | 6 | |
| 7/2/2011 | C5 | 638 | 12 | |
| 7/2/2011 | C5A | --- | 0 | |
| 7/2/2011 | C5A | --- | 10 | |
| 7/2/2011 | C5A | --- | 20 | |
| 7/2/2011 | C6 | --- | 0 | |
| 7/2/2011 | C6 | --- | 10 | |
| 7/2/2011 | C6 | --- | 20 | |
| 7/6/2011 | R1 | 643 | 0 | 70 |
| 7/6/2011 | R1 | 643 | 7 | |
| 7/6/2011 | R1 | 643 | 14 | |
| 7/6/2011 | R2 | 648 | 0 | 70 |
| 7/6/2011 | R2 | 648 | 7 | |
| 7/6/2011 | R2 | 648 | 14 | |
| 7/6/2011 | R3 | 638 | 0 | 70 |
| 7/6/2011 | R3 | 638 | 5 | |
| 7/6/2011 | R3 | 638 | 9 | |
| 7/6/2011 | C1 | 654 | 0 | 70 |
| 7/6/2011 | C1 | 654 | 6 | |
| 7/6/2011 | C1 | 654 | 12 | |
| 7/6/2011 | C1A | --- | 0 | |
| 7/6/2011 | C1A | --- | 10 | |
| 7/6/2011 | C1A | --- | 20 | |
| 7/6/2011 | C2 | 700 | 0 | 70 |
| 7/6/2011 | C2 | 700 | 6 | |
| 7/6/2011 | C2 | 700 | 12 | |
| 7/6/2011 | C2A | --- | 0 | |
| 7/6/2011 | C2A | --- | 10 | |
| 7/6/2011 | C2A | --- | 20 | |
| 7/6/2011 | C3 | 707 | 0 | 70 |
| 7/6/2011 | C3 | 707 | 6 | |

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|---|---|---|---|---|
| 7/6/2011 | C3 | 707 | 12 | |
| 7/6/2011 | C3A | --- | 0 | |
| 7/6/2011 | C3A | --- | 10 | |
| 7/6/2011 | C3A | --- | 20 | |
| 7/6/2011 | C4 | 715 | 0 | 70 |
| 7/6/2011 | C4 | 715 | 6 | |
| 7/6/2011 | C4 | 715 | 12 | |
| 7/6/2011 | C5 | 720 | 0 | 70 |
| 7/6/2011 | C5 | 720 | 6 | |
| 7/6/2011 | C5 | 720 | 12 | |
| 7/6/2011 | C5A | --- | 0 | |
| 7/6/2011 | C5A | --- | 10 | |
| 7/6/2011 | C5A | --- | 20 | |
| 7/6/2011 | C6 | --- | 0 | |
| 7/6/2011 | C6 | --- | 10 | |
| 7/6/2011 | C6 | --- | 20 | |
| 7/10/2011 | R1 | 718 | 0 | 20 |
| 7/10/2011 | R1 | 718 | 7 | |
| 7/10/2011 | R1 | 718 | 14 | |
| 7/10/2011 | R2 | 711 | 0 | 20 |
| 7/10/2011 | R2 | 711 | 7 | |
| 7/10/2011 | R2 | 711 | 14 | |
| 7/10/2011 | R3 | 617 | 0 | 20 |
| 7/10/2011 | R3 | 617 | 5 | |
| 7/10/2011 | R3 | 617 | 9 | |
| 7/10/2011 | C1 | 659 | 0 | 20 |
| 7/10/2011 | C1 | 659 | 6 | |
| 7/10/2011 | C1 | 659 | 12 | |
| 7/10/2011 | C1A | --- | 0 | |
| 7/10/2011 | C1A | --- | 10 | |
| 7/10/2011 | C1A | --- | 20 | |
| 7/10/2011 | C2 | 653 | 0 | 20 |
| 7/10/2011 | C2 | 653 | 6 | |
| 7/10/2011 | C2 | 653 | 12 | |
| 7/10/2011 | C2A | --- | 0 | |
| 7/10/2011 | C2A | --- | 10 | |
| 7/10/2011 | C2A | --- | 20 | |
| 7/10/2011 | C3 | 626 | 0 | 20 |
| 7/10/2011 | C3 | 626 | 6 | |
| 7/10/2011 | C3 | 626 | 12 | |
| 7/10/2011 | C3A | --- | 0 | |
| 7/10/2011 | C3A | --- | 10 | |
| 7/10/2011 | C3A | --- | 20 | |
| 7/10/2011 | C4 | 635 | 0 | 20 |

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|---|---|---|---|---|
| 7/10/2011 | C4 | 635 | 6 | |
| 7/10/2011 | C4 | 635 | 12 | |
| 7/10/2011 | C5 | 641 | 0 | 20 |
| 7/10/2011 | C5 | 641 | 6 | |
| 7/10/2011 | C5 | 641 | 12 | |
| 7/10/2011 | C5A | --- | 0 | |
| 7/10/2011 | C5A | --- | 10 | |
| 7/10/2011 | C5A | --- | 20 | |
| 7/10/2011 | C6 | --- | 0 | |
| 7/10/2011 | C6 | --- | 10 | |
| 7/10/2011 | C6 | --- | 20 | |
| 7/14/2011 | R1 | 724 | 0 | 15 |
| 7/14/2011 | R1 | 724 | 7 | |
| 7/14/2011 | R1 | 724 | 14 | |
| 7/14/2011 | R2 | 719 | 0 | 15 |
| 7/14/2011 | R2 | 719 | 7 | |
| 7/14/2011 | R2 | 719 | 14 | |
| 7/14/2011 | R3 | 629 | 0 | 15 |
| 7/14/2011 | R3 | 629 | 5 | |
| 7/14/2011 | R3 | 629 | 9 | |
| 7/14/2011 | C1 | 709 | 0 | 15 |
| 7/14/2011 | C1 | 709 | 6 | |
| 7/14/2011 | C1 | 709 | 12 | |
| 7/14/2011 | C1A | --- | 0 | |
| 7/14/2011 | C1A | --- | 10 | |
| 7/14/2011 | C1A | --- | 20 | |
| 7/14/2011 | C2 | 703 | 0 | 15 |
| 7/14/2011 | C2 | 703 | 6 | |
| 7/14/2011 | C2 | 703 | 12 | |
| 7/14/2011 | C2A | --- | 0 | |
| 7/14/2011 | C2A | --- | 10 | |
| 7/14/2011 | C2A | --- | 20 | |
| 7/14/2011 | C3 | 656 | 0 | 15 |
| 7/14/2011 | C3 | 656 | 6 | |
| 7/14/2011 | C3 | 656 | 12 | |
| 7/14/2011 | C3A | --- | 0 | |
| 7/14/2011 | C3A | --- | 10 | |
| 7/14/2011 | C3A | --- | 20 | |
| 7/14/2011 | C4 | 649 | 0 | 15 |
| 7/14/2011 | C4 | 649 | 6 | |
| 7/14/2011 | C4 | 649 | 12 | |
| 7/14/2011 | C5 | 642 | 0 | 15 |
| 7/14/2011 | C5 | 642 | 6 | |
| 7/14/2011 | C5 | 642 | 12 | |

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|---|---|---|---|---|
| 7/14/2011 | C5A | --- | 0 | |
| 7/14/2011 | C5A | --- | 10 | |
| 7/14/2011 | C5A | --- | 20 | |
| 7/14/2011 | C6 | --- | 0 | |
| 7/14/2011 | C6 | --- | 10 | |
| 7/14/2011 | C6 | --- | 20 | |
| 7/18/2011 | R1 | 728 | 0 | 18 |
| 7/18/2011 | R1 | 728 | 7 | |
| 7/18/2011 | R1 | 728 | 14 | |
| 7/18/2011 | R2 | 720 | 0 | 18 |
| 7/18/2011 | R2 | 720 | 7 | |
| 7/18/2011 | R2 | 721 | 14 | |
| 7/18/2011 | R3 | 623 | 0 | 18 |
| 7/18/2011 | R3 | 623 | 5 | |
| 7/18/2011 | R3 | 623 | 9 | |
| 7/18/2011 | C1 | 710 | 0 | 18 |
| 7/18/2011 | C1 | 710 | 6 | |
| 7/18/2011 | C1 | 711 | 12 | |
| 7/18/2011 | C1A | --- | 0 | |
| 7/18/2011 | C1A | --- | 10 | |
| 7/18/2011 | C1A | --- | 20 | |
| 7/18/2011 | C2 | 702 | 0 | 18 |
| 7/18/2011 | C2 | 702 | 6 | |
| 7/18/2011 | C2 | 703 | 12 | |
| 7/18/2011 | C2A | --- | 0 | |
| 7/18/2011 | C2A | --- | 10 | |
| 7/18/2011 | C2A | --- | 20 | |
| 7/18/2011 | C3 | 656 | 0 | 18 |
| 7/18/2011 | C3 | 656 | 6 | |
| 7/18/2011 | C3 | 656 | 12 | |
| 7/18/2011 | C3A | --- | 0 | |
| 7/18/2011 | C3A | --- | 10 | |
| 7/18/2011 | C3A | --- | 20 | |
| 7/18/2011 | C4 | 646 | 0 | 18 |
| 7/18/2011 | C4 | 646 | 6 | |
| 7/18/2011 | C4 | 647 | 12 | |
| 7/18/2011 | C5 | 640 | 0 | 18 |
| 7/18/2011 | C5 | 640 | 6 | |
| 7/18/2011 | C5 | 640 | 12 | |
| 7/18/2011 | C5A | --- | 0 | |
| 7/18/2011 | C5A | --- | 10 | |
| 7/18/2011 | C5A | --- | 20 | |
| 7/18/2011 | C6 | --- | 0 | |
| 7/18/2011 | C6 | --- | 10 | |

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|---|---|---|---|---|
| 7/18/2011 | C6 | --- | 20 | |
| 7/22/2011 | R1 | 638 | 0 | 70 |
| 7/22/2011 | R1 | 638 | 7 | |
| 7/22/2011 | R1 | 638 | 14 | |
| 7/22/2011 | R2 | 644 | 0 | 70 |
| 7/22/2011 | R2 | 644 | 7 | |
| 7/22/2011 | R2 | 644 | 14 | |
| 7/22/2011 | R3 | 632 | 0 | 70 |
| 7/22/2011 | R3 | 632 | 5 | |
| 7/22/2011 | R3 | 632 | 9 | |
| 7/22/2011 | C1 | 651 | 0 | 70 |
| 7/22/2011 | C1 | 651 | 6 | |
| 7/22/2011 | C1 | 651 | 12 | |
| 7/22/2011 | C1A | --- | 0 | |
| 7/22/2011 | C1A | --- | 10 | |
| 7/22/2011 | C1A | --- | 20 | |
| 7/22/2011 | C2 | 658 | 0 | 70 |
| 7/22/2011 | C2 | 659 | 6 | |
| 7/22/2011 | C2 | 659 | 12 | |
| 7/22/2011 | C2A | --- | 0 | |
| 7/22/2011 | C2A | --- | 10 | |
| 7/22/2011 | C2A | --- | 20 | |
| 7/22/2011 | C3 | 707 | 0 | 70 |
| 7/22/2011 | C3 | 707 | 6 | |
| 7/22/2011 | C3 | 707 | 12 | |
| 7/22/2011 | C3A | --- | 0 | |
| 7/22/2011 | C3A | --- | 10 | |
| 7/22/2011 | C3A | --- | 20 | |
| 7/22/2011 | C4 | 717 | 0 | 70 |
| 7/22/2011 | C4 | 717 | 6 | |
| 7/22/2011 | C4 | 717 | 12 | |
| 7/22/2011 | C5 | 723 | 0 | 70 |
| 7/22/2011 | C5 | 724 | 6 | |
| 7/22/2011 | C5 | 724 | 12 | |
| 7/22/2011 | C5A | --- | 0 | |
| 7/22/2011 | C5A | --- | 10 | |
| 7/22/2011 | C5A | --- | 20 | |
| 7/22/2011 | C6 | --- | 0 | |
| 7/22/2011 | C6 | --- | 10 | |
| 7/22/2011 | C6 | --- | 20 | |
| 7/26/2011 | R1 | 843 | 0 | 20 |
| 7/26/2011 | R1 | 844 | 7 | |
| 7/26/2011 | R1 | 844 | 14 | |
| 7/26/2011 | R2 | 836 | 0 | 20 |

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|---|---|---|---|---|
| 7/26/2011 | R2 | 838 | 7 | |
| 7/26/2011 | R2 | 838 | 14 | |
| 7/26/2011 | R3 | 851 | 0 | 20 |
| 7/26/2011 | R3 | 852 | 5 | |
| 7/26/2011 | R3 | 854 | 9 | |
| 7/26/2011 | C1 | 827 | 0 | 20 |
| 7/26/2011 | C1 | 828 | 6 | |
| 7/26/2011 | C1 | 829 | 12 | |
| 7/26/2011 | C1A | --- | 0 | |
| 7/26/2011 | C1A | --- | 10 | |
| 7/26/2011 | C1A | --- | 20 | |
| 7/26/2011 | C2 | 742 | 0 | 20 |
| 7/26/2011 | C2 | 742 | 6 | |
| 7/26/2011 | C2 | 742 | 12 | |
| 7/26/2011 | C2A | 000 | 0 | |
| 7/26/2011 | C2A | 000 | 10 | |
| 7/26/2011 | C2A | 000 | 20 | |
| 7/26/2011 | C3 | 734 | 0 | 20 |
| 7/26/2011 | C3 | 734 | 6 | |
| 7/26/2011 | C3 | 735 | 12 | |
| 7/26/2011 | C3A | --- | 0 | |
| 7/26/2011 | C3A | --- | 10 | |
| 7/26/2011 | C3A | --- | 20 | |
| 7/26/2011 | C4 | 645 | 0 | 20 |
| 7/26/2011 | C4 | 647 | 6 | |
| 7/26/2011 | C4 | 647 | 12 | |
| 7/26/2011 | C5 | 638 | 0 | 20 |
| 7/26/2011 | C5 | 639 | 6 | |
| 7/26/2011 | C5 | 640 | 12 | |
| 7/26/2011 | C5A | --- | 0 | |
| 7/26/2011 | C5A | --- | 10 | |
| 7/26/2011 | C5A | --- | 20 | |
| 7/26/2011 | C6 | --- | 0 | |
| 7/26/2011 | C6 | --- | 10 | |
| 7/26/2011 | C6 | --- | 20 | |
| 7/30/2011 | R1 | 708 | 0 | 45 |
| 7/30/2011 | R1 | 708 | 7 | |
| 7/30/2011 | R1 | 708 | 14 | |
| 7/30/2011 | R2 | 703 | 0 | 45 |
| 7/30/2011 | R2 | 703 | 7 | |
| 7/30/2011 | R2 | 703 | 14 | |
| 7/30/2011 | R3 | 615 | 0 | 45 |
| 7/30/2011 | R3 | 615 | 5 | |
| 7/30/2011 | R3 | 615 | 9 | |

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|---|---|---|---|---|
| 7/30/2011 | C1 | 656 | 0 | 45 |
| 7/30/2011 | C1 | 656 | 6 | |
| 7/30/2011 | C1 | 656 | 12 | |
| 7/30/2011 | C1A | --- | 0 | |
| 7/30/2011 | C1A | --- | 10 | |
| 7/30/2011 | C1A | --- | 20 | |
| 7/30/2011 | C2 | 650 | 0 | 45 |
| 7/30/2011 | C2 | 650 | 6 | |
| 7/30/2011 | C2 | 650 | 12 | |
| 7/30/2011 | C2A | --- | 0 | |
| 7/30/2011 | C2A | --- | 10 | |
| 7/30/2011 | C2A | --- | 20 | |
| 7/30/2011 | C3 | 644 | 0 | 45 |
| 7/30/2011 | C3 | 644 | 6 | |
| 7/30/2011 | C3 | 644 | 12 | |
| 7/30/2011 | C3A | --- | 0 | |
| 7/30/2011 | C3A | --- | 10 | |
| 7/30/2011 | C3A | --- | 20 | |
| 7/30/2011 | C4 | 637 | 0 | 45 |
| 7/30/2011 | C4 | 637 | 6 | |
| 7/30/2011 | C4 | 637 | 12 | |
| 7/30/2011 | C5 | 632 | 0 | 45 |
| 7/30/2011 | C5 | 632 | 6 | |
| 7/30/2011 | C5 | 632 | 12 | |
| 7/30/2011 | C5A | --- | 0 | |
| 7/30/2011 | C5A | --- | 10 | |
| 7/30/2011 | C5A | --- | 20 | |
| 7/30/2011 | C6 | --- | 0 | |
| 7/30/2011 | C6 | --- | 10 | |
| 7/30/2011 | C6 | --- | 20 | |
| 8/3/2011 | R1 | 621 | 0 | 70 |
| 8/3/2011 | R1 | 621 | 7 | |
| 8/3/2011 | R1 | 621 | 14 | |
| 8/3/2011 | R2 | 627 | 0 | 70 |
| 8/3/2011 | R2 | 627 | 7 | |
| 8/3/2011 | R2 | 627 | 14 | |
| 8/3/2011 | R3 | 716 | 0 | 70 |
| 8/3/2011 | R3 | 716 | 5 | |
| 8/3/2011 | R3 | 716 | 9 | |
| 8/3/2011 | C1 | 635 | 0 | 70 |
| 8/3/2011 | C1 | 635 | 6 | |
| 8/3/2011 | C1 | 635 | 12 | |
| 8/3/2011 | C1A | --- | 0 | |
| 8/3/2011 | C1A | --- | 10 | |

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|---|---|---|---|---|
| 8/3/2011 | C1A | --- | 20 | |
| 8/3/2011 | C2 | 642 | 0 | 70 |
| 8/3/2011 | C2 | 642 | 6 | |
| 8/3/2011 | C2 | 642 | 12 | |
| 8/3/2011 | C2A | --- | 0 | |
| 8/3/2011 | C2A | --- | 10 | |
| 8/3/2011 | C2A | --- | 20 | |
| 8/3/2011 | C3 | 649 | 0 | 70 |
| 8/3/2011 | C3 | 649 | 6 | |
| 8/3/2011 | C3 | 650 | 12 | |
| 8/3/2011 | C3A | --- | 0 | |
| 8/3/2011 | C3A | --- | 10 | |
| 8/3/2011 | C3A | --- | 20 | |
| 8/3/2011 | C4 | 659 | 0 | 70 |
| 8/3/2011 | C4 | 659 | 6 | |
| 8/3/2011 | C4 | 659 | 12 | |
| 8/3/2011 | C5 | 704 | 0 | 70 |
| 8/3/2011 | C5 | 704 | 6 | |
| 8/3/2011 | C5 | 704 | 12 | |
| 8/3/2011 | C5A | --- | 0 | |
| 8/3/2011 | C5A | --- | 10 | |
| 8/3/2011 | C5A | --- | 20 | |
| 8/3/2011 | C6 | --- | 0 | |
| 8/3/2011 | C6 | --- | 10 | |
| 8/3/2011 | C6 | --- | 20 | |
| 8/7/2011 | R1 | 724 | 0 | 40 |
| 8/7/2011 | R1 | 724 | 7 | |
| 8/7/2011 | R1 | 724 | 14 | |
| 8/7/2011 | R2 | 720 | 0 | 40 |
| 8/7/2011 | R2 | 720 | 7 | |
| 8/7/2011 | R2 | 720 | 14 | |
| 8/7/2011 | R3 | 635 | 0 | 40 |
| 8/7/2011 | R3 | 635 | 5 | |
| 8/7/2011 | R3 | 635 | 9 | |
| 8/7/2011 | C1 | 711 | 0 | 40 |
| 8/7/2011 | C1 | 711 | 6 | |
| 8/7/2011 | C1 | 711 | 12 | |
| 8/7/2011 | C1A | --- | 0 | |
| 8/7/2011 | C1A | --- | 10 | |
| 8/7/2011 | C1A | --- | 20 | |
| 8/7/2011 | C2 | 706 | 0 | 40 |
| 8/7/2011 | C2 | 706 | 6 | |
| 8/7/2011 | C2 | 706 | 12 | |
| 8/7/2011 | C2A | --- | 0 | |

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|---|---|---|---|---|
| 8/7/2011 | C2A | --- | 10 | |
| 8/7/2011 | C2A | --- | 20 | |
| 8/7/2011 | C3 | 641 | 0 | 40 |
| 8/7/2011 | C3 | 641 | 6 | |
| 8/7/2011 | C3 | 641 | 12 | |
| 8/7/2011 | C3A | --- | 0 | |
| 8/7/2011 | C3A | --- | 10 | |
| 8/7/2011 | C3A | --- | 20 | |
| 8/7/2011 | C4 | 648 | 0 | 40 |
| 8/7/2011 | C4 | 648 | 6 | |
| 8/7/2011 | C4 | 648 | 12 | |
| 8/7/2011 | C5 | 654 | 0 | 40 |
| 8/7/2011 | C5 | 654 | 6 | |
| 8/7/2011 | C5 | 654 | 12 | |
| 8/7/2011 | C5A | --- | 0 | |
| 8/7/2011 | C5A | --- | 10 | |
| 8/7/2011 | C5A | --- | 20 | |
| 8/7/2011 | C6 | --- | 0 | |
| 8/7/2011 | C6 | --- | 10 | |
| 8/7/2011 | C6 | --- | 20 | |
| 8/11/2011 | R1 | 814 | 0 | 20 |
| 8/11/2011 | R1 | 814 | 7 | |
| 8/11/2011 | R1 | 814 | 14 | |
| 8/11/2011 | R2 | 809 | 0 | 20 |
| 8/11/2011 | R2 | 809 | 7 | |
| 8/11/2011 | R2 | 809 | 14 | |
| 8/11/2011 | R3 | 625 | 0 | 20 |
| 8/11/2011 | R3 | 626 | 5 | |
| 8/11/2011 | R3 | 626 | 9 | |
| 8/11/2011 | C1 | 759 | 0 | 20 |
| 8/11/2011 | C1 | 801 | 6 | |
| 8/11/2011 | C1 | 801 | 12 | |
| 8/11/2011 | C1A | --- | 0 | |
| 8/11/2011 | C1A | --- | 10 | |
| 8/11/2011 | C1A | --- | 20 | |
| 8/11/2011 | C2 | 730 | 0 | 20 |
| 8/11/2011 | C2 | 730 | 6 | |
| 8/11/2011 | C2 | 731 | 12 | |
| 8/11/2011 | C2A | --- | 0 | |
| 8/11/2011 | C2A | --- | 10 | |
| 8/11/2011 | C2A | --- | 20 | |
| 8/11/2011 | C3 | 725 | 0 | 20 |
| 8/11/2011 | C3 | 725 | 6 | |
| 8/11/2011 | C3 | 725 | 12 | |

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|---|---|---|---|---|
| 8/11/2011 | C3A | --- | 0 | |
| 8/11/2011 | C3A | --- | 10 | |
| 8/11/2011 | C3A | --- | 20 | |
| 8/11/2011 | C4 | 655 | 0 | 20 |
| 8/11/2011 | C4 | 655 | 6 | |
| 8/11/2011 | C4 | 655 | 12 | |
| 8/11/2011 | C5 | 650 | 0 | 20 |
| 8/11/2011 | C5 | 651 | 6 | |
| 8/11/2011 | C5 | 651 | 12 | |
| 8/11/2011 | C5A | --- | 0 | |
| 8/11/2011 | C5A | --- | 10 | |
| 8/11/2011 | C5A | --- | 20 | |
| 8/11/2011 | C6 | --- | 0 | |
| 8/11/2011 | C6 | --- | 10 | |
| 8/11/2011 | C6 | --- | 20 | |
| 8/15/2011 | R1 | 723 | 0 | 25 |
| 8/15/2011 | R1 | 723 | 7 | |
| 8/15/2011 | R1 | 723 | 14 | |
| 8/15/2011 | R2 | 718 | 0 | 25 |
| 8/15/2011 | R2 | 718 | 7 | |
| 8/15/2011 | R2 | 718 | 14 | |
| 8/15/2011 | R3 | 637 | 0 | 25 |
| 8/15/2011 | R3 | 637 | 5 | |
| 8/15/2011 | R3 | 637 | 9 | |
| 8/15/2011 | C1 | 711 | 0 | 25 |
| 8/15/2011 | C1 | 711 | 6 | |
| 8/15/2011 | C1 | 711 | 12 | |
| 8/15/2011 | C1A | --- | 0 | |
| 8/15/2011 | C1A | --- | 10 | |
| 8/15/2011 | C1A | --- | 20 | |
| 8/15/2011 | C2 | 707 | 0 | 25 |
| 8/15/2011 | C2 | 707 | 6 | |
| 8/15/2011 | C2 | 707 | 12 | |
| 8/15/2011 | C2A | --- | 0 | |
| 8/15/2011 | C2A | --- | 10 | |
| 8/15/2011 | C2A | --- | 20 | |
| 8/15/2011 | C3 | 700 | 0 | 25 |
| 8/15/2011 | C3 | 700 | 6 | |
| 8/15/2011 | C3 | 700 | 12 | |
| 8/15/2011 | C3A | --- | 0 | |
| 8/15/2011 | C3A | --- | 10 | |
| 8/15/2011 | C3A | --- | 20 | |
| 8/15/2011 | C4 | 655 | 0 | 25 |
| 8/15/2011 | C4 | 655 | 6 | |

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|---|---|---|---|---|
| 8/15/2011 | C4 | 655 | 12 | |
| 8/15/2011 | C5 | 650 | 0 | 25 |
| 8/15/2011 | C5 | 650 | 6 | |
| 8/15/2011 | C5 | 651 | 12 | |
| 8/15/2011 | C5A | --- | 0 | |
| 8/15/2011 | C5A | --- | 10 | |
| 8/15/2011 | C5A | --- | 20 | |
| 8/15/2011 | C6 | --- | 0 | |
| 8/15/2011 | C6 | --- | 10 | |
| 8/15/2011 | C6 | --- | 20 | |
| 8/19/2011 | R1 | 721 | 0 | 15 |
| 8/19/2011 | R1 | 721 | 7 | |
| 8/19/2011 | R1 | 721 | 14 | |
| 8/19/2011 | R2 | 715 | 0 | 15 |
| 8/19/2011 | R2 | 715 | 7 | |
| 8/19/2011 | R2 | 715 | 14 | |
| 8/19/2011 | R3 | 619 | 0 | 15 |
| 8/19/2011 | R3 | 619 | 5 | |
| 8/19/2011 | R3 | 619 | 9 | |
| 8/19/2011 | C1 | 704 | 0 | 15 |
| 8/19/2011 | C1 | 704 | 6 | |
| 8/19/2011 | C1 | 704 | 12 | |
| 8/19/2011 | C1A | --- | 0 | |
| 8/19/2011 | C1A | --- | 10 | |
| 8/19/2011 | C1A | --- | 20 | |
| 8/19/2011 | C2 | 658 | 0 | 15 |
| 8/19/2011 | C2 | 658 | 6 | |
| 8/19/2011 | C2 | 658 | 12 | |
| 8/19/2011 | C2A | --- | 0 | |
| 8/19/2011 | C2A | --- | 10 | |
| 8/19/2011 | C2A | --- | 20 | |
| 8/19/2011 | C3 | 651 | 0 | 15 |
| 8/19/2011 | C3 | 651 | 6 | |
| 8/19/2011 | C3 | 651 | 12 | |
| 8/19/2011 | C3A | --- | 0 | |
| 8/19/2011 | C3A | --- | 10 | |
| 8/19/2011 | C3A | --- | 20 | |
| 8/19/2011 | C4 | 642 | 0 | 15 |
| 8/19/2011 | C4 | 642 | 6 | |
| 8/19/2011 | C4 | 642 | 12 | |
| 8/19/2011 | C5 | 635 | 0 | 15 |
| 8/19/2011 | C5 | 635 | 6 | |
| 8/19/2011 | C5 | 635 | 12 | |
| 8/19/2011 | C5A | --- | 0 | |

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|---|---|---|---|---|
| 8/19/2011 | C5A | --- | 10 | |
| 8/19/2011 | C5A | --- | 20 | |
| 8/19/2011 | C6 | --- | 0 | |
| 8/19/2011 | C6 | --- | 10 | |
| 8/19/2011 | C6 | --- | 20 | |
| 8/23/2011 | R1 | 721 | 0 | 35 |
| 8/23/2011 | R1 | 721 | 7 | |
| 8/23/2011 | R1 | 722 | 14 | |
| 8/23/2011 | R2 | 717 | 0 | 35 |
| 8/23/2011 | R2 | 718 | 7 | |
| 8/23/2011 | R2 | 718 | 14 | |
| 8/23/2011 | R3 | 638 | 0 | 35 |
| 8/23/2011 | R3 | 639 | 5 | |
| 8/23/2011 | R3 | 639 | 9 | |
| 8/23/2011 | C1 | 712 | 0 | 35 |
| 8/23/2011 | C1 | 712 | 6 | |
| 8/23/2011 | C1 | 713 | 12 | |
| 8/23/2011 | C1A | --- | 0 | |
| 8/23/2011 | C1A | --- | 10 | |
| 8/23/2011 | C1A | --- | 20 | |
| 8/23/2011 | C2 | 707 | 0 | 35 |
| 8/23/2011 | C2 | 707 | 6 | |
| 8/23/2011 | C2 | 707 | 12 | |
| 8/23/2011 | C2A | --- | 0 | |
| 8/23/2011 | C2A | --- | 10 | |
| 8/23/2011 | C2A | --- | 20 | |
| 8/23/2011 | C3 | 702 | 0 | 35 |
| 8/23/2011 | C3 | 702 | 6 | |
| 8/23/2011 | C3 | 702 | 12 | |
| 8/23/2011 | C3A | --- | 0 | |
| 8/23/2011 | C3A | --- | 10 | |
| 8/23/2011 | C3A | --- | 20 | |
| 8/23/2011 | C4 | 655 | 0 | 35 |
| 8/23/2011 | C4 | 655 | 6 | |
| 8/23/2011 | C4 | 655 | 12 | |
| 8/23/2011 | C5 | 651 | 0 | 35 |
| 8/23/2011 | C5 | 651 | 6 | |
| 8/23/2011 | C5 | 651 | 12 | |
| 8/23/2011 | C5A | --- | 0 | |
| 8/23/2011 | C5A | --- | 10 | |
| 8/23/2011 | C5A | --- | 20 | |
| 8/23/2011 | C6 | --- | 0 | |
| 8/23/2011 | C6 | --- | 10 | |
| 8/23/2011 | C6 | --- | 20 | |

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|---|---|---|---|---|
| 8/27/2011 | R1 | 722 | 0 | 90 |
| 8/27/2011 | R1 | 722 | 7 | |
| 8/27/2011 | R1 | 722 | 14 | |
| 8/27/2011 | R2 | 716 | 0 | 90 |
| 8/27/2011 | R2 | 716 | 7 | |
| 8/27/2011 | R2 | 716 | 14 | |
| 8/27/2011 | R3 | 630 | 0 | 90 |
| 8/27/2011 | R3 | 630 | 5 | |
| 8/27/2011 | R3 | 630 | 9 | |
| 8/27/2011 | C1 | 708 | 0 | 90 |
| 8/27/2011 | C1 | 708 | 6 | |
| 8/27/2011 | C1 | 708 | 12 | |
| 8/27/2011 | C1A | --- | 0 | |
| 8/27/2011 | C1A | --- | 10 | |
| 8/27/2011 | C1A | --- | 20 | |
| 8/27/2011 | C2 | 702 | 0 | 90 |
| 8/27/2011 | C2 | 702 | 6 | |
| 8/27/2011 | C2 | 702 | 12 | |
| 8/27/2011 | C2A | --- | 0 | |
| 8/27/2011 | C2A | --- | 10 | |
| 8/27/2011 | C2A | --- | 20 | |
| 8/27/2011 | C3 | 638 | 0 | 90 |
| 8/27/2011 | C3 | 638 | 6 | |
| 8/27/2011 | C3 | 638 | 12 | |
| 8/27/2011 | C3A | --- | 0 | |
| 8/27/2011 | C3A | --- | 10 | |
| 8/27/2011 | C3A | --- | 20 | |
| 8/27/2011 | C4 | 646 | 0 | 90 |
| 8/27/2011 | C4 | 646 | 6 | |
| 8/27/2011 | C4 | 646 | 12 | |
| 8/27/2011 | C5 | 651 | 0 | 90 |
| 8/27/2011 | C5 | 651 | 6 | |
| 8/27/2011 | C5 | 651 | 12 | |
| 8/27/2011 | C5A | --- | 0 | |
| 8/27/2011 | C5A | --- | 10 | |
| 8/27/2011 | C5A | --- | 20 | |
| 8/27/2011 | C6 | --- | 0 | |
| 8/27/2011 | C6 | --- | 10 | |
| 8/27/2011 | C6 | --- | 20 | |
| 8/31/2011 | R1 | 737 | 0 | 25 |
| 8/31/2011 | R1 | 737 | 7 | |
| 8/31/2011 | R1 | 737 | 14 | |
| 8/31/2011 | R2 | 743 | 0 | 25 |
| 8/31/2011 | R2 | 743 | 7 | |

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|---|---|---|---|---|
| 8/31/2011 | R2 | 743 | 14 | |
| 8/31/2011 | R3 | 731 | 0 | 25 |
| 8/31/2011 | R3 | 731 | 5 | |
| 8/31/2011 | R3 | 731 | 9 | |
| 8/31/2011 | C1 | 719 | 0 | 25 |
| 8/31/2011 | C1 | 719 | 6 | |
| 8/31/2011 | C1 | 719 | 12 | |
| 8/31/2011 | C1A | --- | 0 | |
| 8/31/2011 | C1A | --- | 10 | |
| 8/31/2011 | C1A | --- | 20 | |
| 8/31/2011 | C2 | 713 | 0 | 25 |
| 8/31/2011 | C2 | 713 | 6 | |
| 8/31/2011 | C2 | 713 | 12 | |
| 8/31/2011 | C2A | --- | 0 | |
| 8/31/2011 | C2A | --- | 10 | |
| 8/31/2011 | C2A | --- | 20 | |
| 8/31/2011 | C3 | 706 | 0 | 25 |
| 8/31/2011 | C3 | 706 | 6 | |
| 8/31/2011 | C3 | 706 | 12 | |
| 8/31/2011 | C3A | --- | 0 | |
| 8/31/2011 | C3A | --- | 10 | |
| 8/31/2011 | C3A | --- | 20 | |
| 8/31/2011 | C4 | 659 | 0 | 25 |
| 8/31/2011 | C4 | 659 | 6 | |
| 8/31/2011 | C4 | 659 | 12 | |
| 8/31/2011 | C5 | 653 | 0 | 25 |
| 8/31/2011 | C5 | 653 | 6 | |
| 8/31/2011 | C5 | 653 | 12 | |
| 8/31/2011 | C5A | --- | 0 | |
| 8/31/2011 | C5A | --- | 10 | |
| 8/31/2011 | C5A | --- | 20 | |
| 8/31/2011 | C6 | --- | 0 | |
| 8/31/2011 | C6 | --- | 10 | |
| 8/31/2011 | C6 | --- | 20 | |
| 9/4/2011 | R1 | 731 | 0 | 40 |
| 9/4/2011 | R1 | 731 | 7 | |
| 9/4/2011 | R1 | 731 | 14 | |
| 9/4/2011 | R2 | 727 | 0 | 40 |
| 9/4/2011 | R2 | 727 | 7 | |
| 9/4/2011 | R2 | 727 | 14 | |
| 9/4/2011 | R3 | 634 | 0 | 40 |
| 9/4/2011 | R3 | 634 | 5 | |
| 9/4/2011 | R3 | 634 | 9 | |
| 9/4/2011 | C1 | 717 | 0 | 40 |

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|---|---|---|---|---|
| 9/4/2011 | C1 | 717 | 6 | |
| 9/4/2011 | C1 | 717 | 12 | |
| 9/4/2011 | C1A | --- | 0 | |
| 9/4/2011 | C1A | --- | 10 | |
| 9/4/2011 | C1A | --- | 20 | |
| 9/4/2011 | C2 | 712 | 0 | 40 |
| 9/4/2011 | C2 | 712 | 6 | |
| 9/4/2011 | C2 | 712 | 12 | |
| 9/4/2011 | C2A | --- | 0 | |
| 9/4/2011 | C2A | --- | 10 | |
| 9/4/2011 | C2A | --- | 20 | |
| 9/4/2011 | C3 | 644 | 0 | 40 |
| 9/4/2011 | C3 | 644 | 6 | |
| 9/4/2011 | C3 | 644 | 12 | |
| 9/4/2011 | C3A | --- | 0 | |
| 9/4/2011 | C3A | --- | 10 | |
| 9/4/2011 | C3A | --- | 20 | |
| 9/4/2011 | C4 | 702 | 0 | 40 |
| 9/4/2011 | C4 | 702 | 6 | |
| 9/4/2011 | C4 | 702 | 12 | |
| 9/4/2011 | C5 | 655 | 0 | 40 |
| 9/4/2011 | C5 | 655 | 6 | |
| 9/4/2011 | C5 | 655 | 12 | |
| 9/4/2011 | C5A | --- | 0 | |
| 9/4/2011 | C5A | --- | 10 | |
| 9/4/2011 | C5A | --- | 20 | |
| 9/4/2011 | C6 | 000 | 0 | |
| 9/4/2011 | C6 | 000 | 10 | |
| 9/4/2011 | C6 | 000 | 20 | |
| 9/8/2011 | R1 | 652 | 0 | 15 |
| 9/8/2011 | R1 | 652 | 7 | |
| 9/8/2011 | R1 | 652 | 14 | |
| 9/8/2011 | R2 | 702 | 0 | 15 |
| 9/8/2011 | R2 | 702 | 7 | |
| 9/8/2011 | R2 | 702 | 14 | |
| 9/8/2011 | R3 | 649 | 0 | 15 |
| 9/8/2011 | R3 | 649 | 5 | |
| 9/8/2011 | R3 | 649 | 9 | |
| 9/8/2011 | C1 | 709 | 0 | 15 |
| 9/8/2011 | C1 | 709 | 6 | |
| 9/8/2011 | C1 | 709 | 12 | |
| 9/8/2011 | C1A | --- | 0 | |
| 9/8/2011 | C1A | --- | 10 | |
| 9/8/2011 | C1A | --- | 20 | |

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|---|---|---|---|---|
| 9/8/2011 | C2 | 715 | 0 | 15 |
| 9/8/2011 | C2 | 715 | 6 | |
| 9/8/2011 | C2 | 715 | 12 | |
| 9/8/2011 | C2A | --- | 0 | |
| 9/8/2011 | C2A | --- | 10 | |
| 9/8/2011 | C2A | --- | 20 | |
| 9/8/2011 | C3 | 722 | 0 | 15 |
| 9/8/2011 | C3 | 722 | 6 | |
| 9/8/2011 | C3 | 722 | 12 | |
| 9/8/2011 | C3A | --- | 0 | |
| 9/8/2011 | C3A | --- | 10 | |
| 9/8/2011 | C3A | --- | 20 | |
| 9/8/2011 | C4 | 728 | 0 | 15 |
| 9/8/2011 | C4 | 728 | 6 | |
| 9/8/2011 | C4 | 728 | 12 | |
| 9/8/2011 | C5 | 735 | 0 | 15 |
| 9/8/2011 | C5 | 735 | 6 | |
| 9/8/2011 | C5 | 735 | 12 | |
| 9/8/2011 | C5A | --- | 0 | |
| 9/8/2011 | C5A | --- | 10 | |
| 9/8/2011 | C5A | --- | 20 | |
| 9/8/2011 | C6 | --- | 0 | |
| 9/8/2011 | C6 | --- | 10 | |
| 9/8/2011 | C6 | --- | 20 | |
| 9/12/2011 | R1 | 839 | 0 | 55 |
| 9/12/2011 | R1 | 840 | 7 | |
| 9/12/2011 | R1 | 839 | 14 | |
| 9/12/2011 | R2 | 833 | 0 | 55 |
| 9/12/2011 | R2 | 834 | 7 | |
| 9/12/2011 | R2 | 834 | 14 | |
| 9/12/2011 | R3 | 644 | 0 | 55 |
| 9/12/2011 | R3 | 645 | 5 | |
| 9/12/2011 | R3 | 645 | 9 | |
| 9/12/2011 | C1 | 825 | 0 | 55 |
| 9/12/2011 | C1 | 825 | 6 | |
| 9/12/2011 | C1 | 825 | 12 | |
| 9/12/2011 | C1A | --- | 0 | |
| 9/12/2011 | C1A | --- | 10 | |
| 9/12/2011 | C1A | --- | 20 | |
| 9/12/2011 | C2 | 750 | 0 | 55 |
| 9/12/2011 | C2 | 750 | 6 | |
| 9/12/2011 | C2 | 750 | 12 | |
| 9/12/2011 | C2A | --- | 0 | |
| 9/12/2011 | C2A | --- | 10 | |

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|---|---|---|---|---|
| 9/12/2011 | C2A | --- | 20 | |
| 9/12/2011 | C3 | 744 | 0 | 55 |
| 9/12/2011 | C3 | 744 | 6 | |
| 9/12/2011 | C3 | 744 | 12 | |
| 9/12/2011 | C3A | --- | 0 | |
| 9/12/2011 | C3A | --- | 10 | |
| 9/12/2011 | C3A | --- | 20 | |
| 9/12/2011 | C4 | 716 | 0 | 55 |
| 9/12/2011 | C4 | 716 | 6 | |
| 9/12/2011 | C4 | 716 | 12 | |
| 9/12/2011 | C5 | 711 | 0 | 55 |
| 9/12/2011 | C5 | 712 | 6 | |
| 9/12/2011 | C5 | 712 | 12 | |
| 9/12/2011 | C5A | --- | 0 | |
| 9/12/2011 | C5A | --- | 10 | |
| 9/12/2011 | C5A | --- | 20 | |
| 9/12/2011 | C6 | --- | 0 | |
| 9/12/2011 | C6 | --- | 10 | |
| 9/12/2011 | C6 | --- | 20 | |
| 9/16/2011 | R1 | 759 | 0 | 25 |
| 9/16/2011 | R1 | 759 | 7 | |
| 9/16/2011 | R1 | 759 | 14 | |
| 9/16/2011 | R2 | 755 | 0 | 25 |
| 9/16/2011 | R2 | 755 | 7 | |
| 9/16/2011 | R2 | 755 | 14 | |
| 9/16/2011 | R3 | 701 | 0 | 25 |
| 9/16/2011 | R3 | 701 | 5 | |
| 9/16/2011 | R3 | 701 | 9 | |
| 9/16/2011 | C1 | 744 | 0 | 25 |
| 9/16/2011 | C1 | 744 | 6 | |
| 9/16/2011 | C1 | 744 | 12 | |
| 9/16/2011 | C1A | --- | 0 | |
| 9/16/2011 | C1A | --- | 10 | |
| 9/16/2011 | C1A | --- | 20 | |
| 9/16/2011 | C2 | 739 | 0 | 25 |
| 9/16/2011 | C2 | 739 | 6 | |
| 9/16/2011 | C2 | 739 | 12 | |
| 9/16/2011 | C2A | --- | 0 | |
| 9/16/2011 | C2A | --- | 10 | |
| 9/16/2011 | C2A | --- | 20 | |
| 9/16/2011 | C3 | 732 | 0 | 25 |
| 9/16/2011 | C3 | 732 | 6 | |
| 9/16/2011 | C3 | 732 | 12 | |
| 9/16/2011 | C3A | --- | 0 | |

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|---|---|---|---|---|
| 9/16/2011 | C3A | --- | 10 | |
| 9/16/2011 | C3A | --- | 20 | |
| 9/16/2011 | C4 | 725 | 0 | 25 |
| 9/16/2011 | C4 | 725 | 6 | |
| 9/16/2011 | C4 | 725 | 12 | |
| 9/16/2011 | C5 | 715 | 0 | 25 |
| 9/16/2011 | C5 | 715 | 6 | |
| 9/16/2011 | C5 | 715 | 12 | |
| 9/16/2011 | C5A | --- | 0 | |
| 9/16/2011 | C5A | --- | 10 | |
| 9/16/2011 | C5A | --- | 20 | |
| 9/16/2011 | C6 | --- | 0 | |
| 9/16/2011 | C6 | --- | 10 | |
| 9/16/2011 | C6 | --- | 20 | |
| 9/20/2011 | R1 | 657 | 0 | 40 |
| 9/20/2011 | R1 | 657 | 7 | |
| 9/20/2011 | R1 | 657 | 14 | |
| 9/20/2011 | R2 | 701 | 0 | 40 |
| 9/20/2011 | R2 | 701 | 7 | |
| 9/20/2011 | R2 | 701 | 14 | |
| 9/20/2011 | R3 | 651 | 0 | 40 |
| 9/20/2011 | R3 | 651 | 5 | |
| 9/20/2011 | R3 | 651 | 9 | |
| 9/20/2011 | C1 | 709 | 0 | 40 |
| 9/20/2011 | C1 | 709 | 6 | |
| 9/20/2011 | C1 | 709 | 12 | |
| 9/20/2011 | C1A | --- | 0 | |
| 9/20/2011 | C1A | --- | 10 | |
| 9/20/2011 | C1A | --- | 20 | |
| 9/20/2011 | C2 | 718 | 0 | 40 |
| 9/20/2011 | C2 | 718 | 6 | |
| 9/20/2011 | C2 | 718 | 12 | |
| 9/20/2011 | C2A | --- | 0 | |
| 9/20/2011 | C2A | --- | 10 | |
| 9/20/2011 | C2A | --- | 20 | |
| 9/20/2011 | C3 | 725 | 0 | 40 |
| 9/20/2011 | C3 | 725 | 6 | |
| 9/20/2011 | C3 | 725 | 12 | |
| 9/20/2011 | C3A | --- | 0 | |
| 9/20/2011 | C3A | --- | 10 | |
| 9/20/2011 | C3A | --- | 20 | |
| 9/20/2011 | C4 | 733 | 0 | 40 |
| 9/20/2011 | C4 | 733 | 6 | |
| 9/20/2011 | C4 | 733 | 12 | |

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|---|---|---|---|---|
| 9/20/2011 | C5 | 740 | 0 | 40 |
| 9/20/2011 | C5 | 740 | 6 | |
| 9/20/2011 | C5 | 740 | 12 | |
| 9/20/2011 | C5A | --- | 0 | |
| 9/20/2011 | C5A | --- | 10 | |
| 9/20/2011 | C5A | --- | 20 | |
| 9/20/2011 | C6 | --- | 0 | |
| 9/20/2011 | C6 | --- | 10 | |
| 9/20/2011 | C6 | --- | 20 | |
| 9/24/2011 | R1 | 710 | 0 | 15 |
| 9/24/2011 | R1 | 710 | 7 | |
| 9/24/2011 | R1 | 710 | 14 | |
| 9/24/2011 | R2 | 703 | 0 | 15 |
| 9/24/2011 | R2 | 704 | 7 | |
| 9/24/2011 | R2 | 704 | 14 | |
| 9/24/2011 | R3 | 613 | 0 | 15 |
| 9/24/2011 | R3 | 613 | 5 | |
| 9/24/2011 | R3 | 613 | 9 | |
| 9/24/2011 | C1 | 654 | 0 | 15 |
| 9/24/2011 | C1 | 654 | 6 | |
| 9/24/2011 | C1 | 655 | 12 | |
| 9/24/2011 | C1A | --- | 0 | |
| 9/24/2011 | C1A | --- | 10 | |
| 9/24/2011 | C1A | --- | 20 | |
| 9/24/2011 | C2 | 647 | 0 | 15 |
| 9/24/2011 | C2 | 648 | 6 | |
| 9/24/2011 | C2 | 648 | 12 | |
| 9/24/2011 | C2A | --- | 0 | |
| 9/24/2011 | C2A | --- | 10 | |
| 9/24/2011 | C2A | --- | 20 | |
| 9/24/2011 | C3 | 640 | 0 | 15 |
| 9/24/2011 | C3 | 640 | 6 | |
| 9/24/2011 | C3 | 640 | 12 | |
| 9/24/2011 | C3A | --- | 0 | |
| 9/24/2011 | C3A | --- | 10 | |
| 9/24/2011 | C3A | --- | 20 | |
| 9/24/2011 | C4 | 633 | 0 | 15 |
| 9/24/2011 | C4 | 633 | 6 | |
| 9/24/2011 | C4 | 634 | 12 | |
| 9/24/2011 | C5 | 627 | 0 | 15 |
| 9/24/2011 | C5 | 627 | 6 | |
| 9/24/2011 | C5 | 627 | 12 | |
| 9/24/2011 | C5A | --- | 0 | |
| 9/24/2011 | C5A | --- | 10 | |

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|---|---|---|---|---|
| 9/24/2011 | C5A | --- | 20 | |
| 9/24/2011 | C6 | --- | 0 | |
| 9/24/2011 | C6 | --- | 10 | |
| 9/24/2011 | C6 | --- | 20 | |
| 9/28/2011 | R1 | 711 | 0 | 70 |
| 9/28/2011 | R1 | 711 | 7 | |
| 9/28/2011 | R1 | 711 | 14 | |
| 9/28/2011 | R2 | 715 | 0 | 70 |
| 9/28/2011 | R2 | 715 | 7 | |
| 9/28/2011 | R2 | 715 | 14 | |
| 9/28/2011 | R3 | 705 | 0 | 70 |
| 9/28/2011 | R3 | 705 | 5 | |
| 9/28/2011 | R3 | 705 | 9 | |
| 9/28/2011 | C1 | 724 | 0 | 70 |
| 9/28/2011 | C1 | 725 | 6 | |
| 9/28/2011 | C1 | 725 | 12 | |
| 9/28/2011 | C1A | --- | 0 | |
| 9/28/2011 | C1A | --- | 10 | |
| 9/28/2011 | C1A | --- | 20 | |
| 9/28/2011 | C2 | 735 | 0 | 70 |
| 9/28/2011 | C2 | 736 | 6 | |
| 9/28/2011 | C2 | 736 | 12 | |
| 9/28/2011 | C2A | --- | 0 | |
| 9/28/2011 | C2A | --- | 10 | |
| 9/28/2011 | C2A | --- | 20 | |
| 9/28/2011 | C3 | 743 | 0 | 70 |
| 9/28/2011 | C3 | 744 | 6 | |
| 9/28/2011 | C3 | 744 | 12 | |
| 9/28/2011 | C3A | --- | 0 | |
| 9/28/2011 | C3A | --- | 10 | |
| 9/28/2011 | C3A | --- | 20 | |
| 9/28/2011 | C4 | 751 | 0 | 70 |
| 9/28/2011 | C4 | 751 | 6 | |
| 9/28/2011 | C4 | 751 | 12 | |
| 9/28/2011 | C5 | 756 | 0 | 70 |
| 9/28/2011 | C5 | 757 | 6 | |
| 9/28/2011 | C5 | 757 | 12 | |
| 9/28/2011 | C5A | --- | 0 | |
| 9/28/2011 | C5A | --- | 10 | |
| 9/28/2011 | C5A | --- | 20 | |
| 9/28/2011 | C6 | --- | 0 | |
| 9/28/2011 | C6 | --- | 10 | |
| 9/28/2011 | C6 | --- | 20 | |
| 10/2/2011 | R1 | 742 | 0 | 60 |

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|---|---|---|---|---|
| 10/2/2011 | R1 | 742 | 7 | |
| 10/2/2011 | R1 | 742 | 14 | |
| 10/2/2011 | R2 | 737 | 0 | 60 |
| 10/2/2011 | R2 | 737 | 7 | |
| 10/2/2011 | R2 | 737 | 14 | |
| 10/2/2011 | R3 | 640 | 0 | 60 |
| 10/2/2011 | R3 | 640 | 5 | |
| 10/2/2011 | R3 | 640 | 9 | |
| 10/2/2011 | C1 | 726 | 0 | 60 |
| 10/2/2011 | C1 | 726 | 6 | |
| 10/2/2011 | C1 | 726 | 12 | |
| 10/2/2011 | C1A | --- | 0 | |
| 10/2/2011 | C1A | --- | 10 | |
| 10/2/2011 | C1A | --- | 20 | |
| 10/2/2011 | C2 | 720 | 0 | 60 |
| 10/2/2011 | C2 | 720 | 6 | |
| 10/2/2011 | C2 | 720 | 12 | |
| 10/2/2011 | C2A | --- | 0 | |
| 10/2/2011 | C2A | --- | 10 | |
| 10/2/2011 | C2A | --- | 20 | |
| 10/2/2011 | C3 | 711 | 0 | 60 |
| 10/2/2011 | C3 | 711 | 6 | |
| 10/2/2011 | C3 | 711 | 12 | |
| 10/2/2011 | C3A | --- | 0 | |
| 10/2/2011 | C3A | --- | 10 | |
| 10/2/2011 | C3A | --- | 20 | |
| 10/2/2011 | C4 | 702 | 0 | 60 |
| 10/2/2011 | C4 | 703 | 6 | |
| 10/2/2011 | C4 | 703 | 12 | |
| 10/2/2011 | C5 | 657 | 0 | 60 |
| 10/2/2011 | C5 | 657 | 6 | |
| 10/2/2011 | C5 | 657 | 12 | |
| 10/2/2011 | C5A | --- | 0 | |
| 10/2/2011 | C5A | --- | 10 | |
| 10/2/2011 | C5A | --- | 20 | |
| 10/2/2011 | C6 | --- | 0 | |
| 10/2/2011 | C6 | --- | 10 | |
| 10/2/2011 | C6 | --- | 20 | |
| 10/6/2011 | R1 | 641 | 0 | 80 |
| 10/6/2011 | R1 | 641 | 7 | |
| 10/6/2011 | R1 | 641 | 14 | |
| 10/6/2011 | R2 | 645 | 0 | 80 |
| 10/6/2011 | R2 | 645 | 7 | |
| 10/6/2011 | R2 | 645 | 14 | |

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|---|---|---|---|---|
| 10/6/2011 | R3 | 635 | 0 | 80 |
| 10/6/2011 | R3 | 635 | 5 | |
| 10/6/2011 | R3 | 635 | 9 | |
| 10/6/2011 | C1 | 655 | 0 | 80 |
| 10/6/2011 | C1 | 655 | 6 | |
| 10/6/2011 | C1 | 655 | 12 | |
| 10/6/2011 | C1A | --- | 0 | |
| 10/6/2011 | C1A | --- | 10 | |
| 10/6/2011 | C1A | --- | 20 | |
| 10/6/2011 | C2 | 650 | 0 | 80 |
| 10/6/2011 | C2 | 650 | 6 | |
| 10/6/2011 | C2 | 650 | 12 | |
| 10/6/2011 | C2A | --- | 0 | |
| 10/6/2011 | C2A | --- | 10 | |
| 10/6/2011 | C2A | --- | 20 | |
| 10/6/2011 | C3 | 705 | 0 | 80 |
| 10/6/2011 | C3 | 705 | 6 | |
| 10/6/2011 | C3 | 705 | 12 | |
| 10/6/2011 | C3A | --- | 0 | |
| 10/6/2011 | C3A | --- | 10 | |
| 10/6/2011 | C3A | --- | 20 | |
| 10/6/2011 | C4 | 712 | 0 | 80 |
| 10/6/2011 | C4 | 712 | 6 | |
| 10/6/2011 | C4 | 712 | 12 | |
| 10/6/2011 | C5 | 718 | 0 | 80 |
| 10/6/2011 | C5 | 718 | 6 | |
| 10/6/2011 | C5 | 718 | 12 | |
| 10/6/2011 | C5A | --- | 0 | |
| 10/6/2011 | C5A | --- | 10 | |
| 10/6/2011 | C5A | --- | 20 | |
| 10/6/2011 | C6 | --- | 0 | |
| 10/6/2011 | C6 | --- | 10 | |
| 10/6/2011 | C6 | --- | 20 | |
| 10/10/2011 | R1 | 745 | 0 | 40 |
| 10/10/2011 | R1 | 745 | 7 | |
| 10/10/2011 | R1 | 745 | 14 | |
| 10/10/2011 | R2 | 740 | 0 | 40 |
| 10/10/2011 | R2 | 740 | 7 | |
| 10/10/2011 | R2 | 740 | 14 | |
| 10/10/2011 | R3 | 640 | 0 | 40 |
| 10/10/2011 | R3 | 640 | 5 | |
| 10/10/2011 | R3 | 640 | 9 | |
| 10/10/2011 | C1 | 731 | 0 | 40 |
| 10/10/2011 | C1 | 731 | 6 | |

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|---|---|---|---|---|
| 10/10/2011 | C1 | 731 | 12 | |
| 10/10/2011 | C1A | --- | 0 | |
| 10/10/2011 | C1A | --- | 10 | |
| 10/10/2011 | C1A | --- | 20 | |
| 10/10/2011 | C2 | 724 | 0 | 40 |
| 10/10/2011 | C2 | 724 | 6 | |
| 10/10/2011 | C2 | 724 | 12 | |
| 10/10/2011 | C2A | --- | 0 | |
| 10/10/2011 | C2A | --- | 10 | |
| 10/10/2011 | C2A | --- | 20 | |
| 10/10/2011 | C3 | 716 | 0 | 40 |
| 10/10/2011 | C3 | 716 | 6 | |
| 10/10/2011 | C3 | 716 | 12 | |
| 10/10/2011 | C3A | --- | 0 | |
| 10/10/2011 | C3A | --- | 10 | |
| 10/10/2011 | C3A | --- | 20 | |
| 10/10/2011 | C4 | 706 | 0 | 40 |
| 10/10/2011 | C4 | 706 | 6 | |
| 10/10/2011 | C4 | 706 | 12 | |
| 10/10/2011 | C5 | 658 | 0 | 40 |
| 10/10/2011 | C5 | 658 | 6 | |
| 10/10/2011 | C5 | 658 | 12 | |
| 10/10/2011 | C5A | --- | 0 | |
| 10/10/2011 | C5A | --- | 10 | |
| 10/10/2011 | C5A | --- | 20 | |
| 10/10/2011 | C6 | --- | 0 | |
| 10/10/2011 | C6 | --- | 10 | |
| 10/10/2011 | C6 | --- | 20 | |
| 10/14/2011 | R1 | 704 | 0 | 80 |
| 10/14/2011 | R1 | 705 | 7 | |
| 10/14/2011 | R1 | 705 | 14 | |
| 10/14/2011 | R2 | 709 | 0 | 80 |
| 10/14/2011 | R2 | 710 | 7 | |
| 10/14/2011 | R2 | 710 | 14 | |
| 10/14/2011 | R3 | 658 | 0 | 80 |
| 10/14/2011 | R3 | 659 | 5 | |
| 10/14/2011 | R3 | 659 | 9 | |
| 10/14/2011 | C1 | 719 | 0 | 80 |
| 10/14/2011 | C1 | 719 | 6 | |
| 10/14/2011 | C1 | 719 | 12 | |
| 10/14/2011 | C1A | --- | 0 | |
| 10/14/2011 | C1A | --- | 10 | |
| 10/14/2011 | C1A | --- | 20 | |
| 10/14/2011 | C2 | 725 | 0 | 80 |

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|---|---|---|---|---|
| 10/14/2011 | C2 | 725 | 6 | |
| 10/14/2011 | C2 | 725 | 12 | |
| 10/14/2011 | C2A | --- | 0 | |
| 10/14/2011 | C2A | --- | 10 | |
| 10/14/2011 | C2A | --- | 20 | |
| 10/14/2011 | C3 | 732 | 0 | 80 |
| 10/14/2011 | C3 | 732 | 6 | |
| 10/14/2011 | C3 | 733 | 12 | |
| 10/14/2011 | C3A | --- | 0 | |
| 10/14/2011 | C3A | --- | 10 | |
| 10/14/2011 | C3A | --- | 20 | |
| 10/14/2011 | C4 | 740 | 0 | 80 |
| 10/14/2011 | C4 | 741 | 6 | |
| 10/14/2011 | C4 | 741 | 12 | |
| 10/14/2011 | C5 | 746 | 0 | 80 |
| 10/14/2011 | C5 | 746 | 6 | |
| 10/14/2011 | C5 | 746 | 12 | |
| 10/14/2011 | C5A | --- | 0 | |
| 10/14/2011 | C5A | --- | 10 | |
| 10/14/2011 | C5A | --- | 20 | |
| 10/14/2011 | C6 | --- | 0 | |
| 10/14/2011 | C6 | --- | 10 | |
| 10/14/2011 | C6 | --- | 20 | |
| 10/18/2011 | R1 | 924 | 0 | 40 |
| 10/18/2011 | R1 | 924 | 7 | |
| 10/18/2011 | R1 | 924 | 14 | |
| 10/18/2011 | R2 | 915 | 0 | 40 |
| 10/18/2011 | R2 | 916 | 7 | |
| 10/18/2011 | R2 | 916 | 14 | |
| 10/18/2011 | R3 | 934 | 0 | 40 |
| 10/18/2011 | R3 | 935 | 5 | |
| 10/18/2011 | R3 | 935 | 9 | |
| 10/18/2011 | C1 | 906 | 0 | 40 |
| 10/18/2011 | C1 | 907 | 6 | |
| 10/18/2011 | C1 | 907 | 12 | |
| 10/18/2011 | C1A | --- | 0 | |
| 10/18/2011 | C1A | --- | 10 | |
| 10/18/2011 | C1A | --- | 20 | |
| 10/18/2011 | C2 | 816 | 0 | 40 |
| 10/18/2011 | C2 | 816 | 6 | |
| 10/18/2011 | C2 | 814 | 12 | |
| 10/18/2011 | C2A | --- | 0 | |
| 10/18/2011 | C2A | --- | 10 | |
| 10/18/2011 | C2A | --- | 20 | |

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|---|---|---|---|---|
| 10/18/2011 | C3 | 807 | 0 | 40 |
| 10/18/2011 | C3 | 807 | 6 | |
| 10/18/2011 | C3 | 807 | 12 | |
| 10/18/2011 | C3A | --- | 0 | |
| 10/18/2011 | C3A | --- | 10 | |
| 10/18/2011 | C3A | --- | 20 | |
| 10/18/2011 | C4 | 717 | 0 | 40 |
| 10/18/2011 | C4 | 717 | 6 | |
| 10/18/2011 | C4 | 718 | 12 | |
| 10/18/2011 | C5 | 709 | 0 | 40 |
| 10/18/2011 | C5 | 710 | 6 | |
| 10/18/2011 | C5 | 711 | 12 | |
| 10/18/2011 | C5A | --- | 0 | |
| 10/18/2011 | C5A | --- | 10 | |
| 10/18/2011 | C5A | --- | 20 | |
| 10/18/2011 | C6 | --- | 0 | |
| 10/18/2011 | C6 | --- | 10 | |
| 10/18/2011 | C6 | --- | 20 | |
| 10/22/2011 | R1 | 717 | 0 | 60 |
| 10/22/2011 | R1 | 716 | 7 | |
| 10/22/2011 | R1 | 716 | 14 | |
| 10/22/2011 | R2 | 710 | 0 | 60 |
| 10/22/2011 | R2 | 710 | 7 | |
| 10/22/2011 | R2 | 710 | 14 | |
| 10/22/2011 | R3 | 624 | 0 | 60 |
| 10/22/2011 | R3 | 624 | 5 | |
| 10/22/2011 | R3 | 624 | 9 | |
| 10/22/2011 | C1 | 700 | 0 | 60 |
| 10/22/2011 | C1 | 700 | 6 | |
| 10/22/2011 | C1 | 700 | 12 | |
| 10/22/2011 | C1A | --- | 0 | |
| 10/22/2011 | C1A | --- | 10 | |
| 10/22/2011 | C1A | --- | 20 | |
| 10/22/2011 | C2 | 654 | 0 | 60 |
| 10/22/2011 | C2 | 654 | 6 | |
| 10/22/2011 | C2 | 654 | 12 | |
| 10/22/2011 | C2A | --- | 0 | |
| 10/22/2011 | C2A | --- | 10 | |
| 10/22/2011 | C2A | --- | 20 | |
| 10/22/2011 | C3 | 648 | 0 | 60 |
| 10/22/2011 | C3 | 648 | 6 | |
| 10/22/2011 | C3 | 648 | 12 | |
| 10/22/2011 | C3A | --- | 0 | |
| 10/22/2011 | C3A | --- | 10 | |

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|---|---|---|---|---|
| 10/22/2011 | C3A | --- | 20 | |
| 10/22/2011 | C4 | 642 | 0 | 60 |
| 10/22/2011 | C4 | 642 | 6 | |
| 10/22/2011 | C4 | 642 | 12 | |
| 10/22/2011 | C5 | 637 | 0 | 60 |
| 10/22/2011 | C5 | 637 | 6 | |
| 10/22/2011 | C5 | 637 | 12 | |
| 10/22/2011 | C5A | --- | 0 | |
| 10/22/2011 | C5A | --- | 10 | |
| 10/22/2011 | C5A | --- | 20 | |
| 10/22/2011 | C6 | --- | 0 | |
| 10/22/2011 | C6 | --- | 10 | |
| 10/22/2011 | C6 | --- | 20 | |
| 10/26/2011 | R1 | 700 | 0 | 80 |
| 10/26/2011 | R1 | 700 | 7 | |
| 10/26/2011 | R1 | 700 | 14 | |
| 10/26/2011 | R2 | 705 | 0 | 80 |
| 10/26/2011 | R2 | 705 | 7 | |
| 10/26/2011 | R2 | 705 | 14 | |
| 10/26/2011 | R3 | 654 | 0 | 80 |
| 10/26/2011 | R3 | 654 | 5 | |
| 10/26/2011 | R3 | 654 | 9 | |
| 10/26/2011 | C1 | 713 | 0 | 80 |
| 10/26/2011 | C1 | 713 | 6 | |
| 10/26/2011 | C1 | 713 | 12 | |
| 10/26/2011 | C1A | --- | 0 | |
| 10/26/2011 | C1A | --- | 10 | |
| 10/26/2011 | C1A | --- | 20 | |
| 10/26/2011 | C2 | 720 | 0 | 80 |
| 10/26/2011 | C2 | 720 | 6 | |
| 10/26/2011 | C2 | 720 | 12 | |
| 10/26/2011 | C2A | --- | 0 | |
| 10/26/2011 | C2A | --- | 10 | |
| 10/26/2011 | C2A | --- | 20 | |
| 10/26/2011 | C3 | 727 | 0 | 80 |
| 10/26/2011 | C3 | 727 | 6 | |
| 10/26/2011 | C3 | 727 | 12 | |
| 10/26/2011 | C3A | --- | 0 | |
| 10/26/2011 | C3A | --- | 10 | |
| 10/26/2011 | C3A | --- | 20 | |
| 10/26/2011 | C4 | 735 | 0 | 80 |
| 10/26/2011 | C4 | 735 | 6 | |
| 10/26/2011 | C4 | 735 | 12 | |
| 10/26/2011 | C5 | 741 | 0 | 80 |

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|---|---|---|---|---|
| 10/26/2011 | C5 | 741 | 6 | |
| 10/26/2011 | C5 | 741 | 12 | |
| 10/26/2011 | C5A | --- | 0 | |
| 10/26/2011 | C5A | --- | 10 | |
| 10/26/2011 | C5A | --- | 20 | |
| 10/26/2011 | C6 | --- | 0 | |
| 10/26/2011 | C6 | --- | 10 | |
| 10/26/2011 | C6 | --- | 20 | |
| 10/30/2011 | R1 | 723 | 0 | 40 |
| 10/30/2011 | R1 | 723 | 7 | |
| 10/30/2011 | R1 | 723 | 14 | |
| 10/30/2011 | R2 | 718 | 0 | 40 |
| 10/30/2011 | R2 | 718 | 7 | |
| 10/30/2011 | R2 | 718 | 14 | |
| 10/30/2011 | R3 | 630 | 0 | 40 |
| 10/30/2011 | R3 | 630 | 5 | |
| 10/30/2011 | R3 | 630 | 9 | |
| 10/30/2011 | C1 | 709 | 0 | 40 |
| 10/30/2011 | C1 | 709 | 6 | |
| 10/30/2011 | C1 | 709 | 12 | |
| 10/30/2011 | C1A | --- | 0 | |
| 10/30/2011 | C1A | --- | 10 | |
| 10/30/2011 | C1A | --- | 20 | |
| 10/30/2011 | C2 | 702 | 0 | 40 |
| 10/30/2011 | C2 | 702 | 6 | |
| 10/30/2011 | C2 | 702 | 12 | |
| 10/30/2011 | C2A | --- | 0 | |
| 10/30/2011 | C2A | --- | 10 | |
| 10/30/2011 | C2A | --- | 20 | |
| 10/30/2011 | C3 | 655 | 0 | 40 |
| 10/30/2011 | C3 | 655 | 6 | |
| 10/30/2011 | C3 | 655 | 12 | |
| 10/30/2011 | C3A | --- | 0 | |
| 10/30/2011 | C3A | --- | 10 | |
| 10/30/2011 | C3A | --- | 20 | |
| 10/30/2011 | C4 | 650 | 0 | 40 |
| 10/30/2011 | C4 | 650 | 6 | |
| 10/30/2011 | C4 | 650 | 12 | |
| 10/30/2011 | C5 | 642 | 0 | 40 |
| 10/30/2011 | C5 | 642 | 6 | |
| 10/30/2011 | C5 | 642 | 12 | |
| 10/30/2011 | C5A | --- | 0 | |
| 10/30/2011 | C5A | --- | 10 | |
| 10/30/2011 | C5A | --- | 20 | |

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|---|---|---|---|---|
| 10/30/2011 | C6 | --- | 0 | |
| 10/30/2011 | C6 | --- | 10 | |
| 10/30/2011 | C6 | --- | 20 | |
| 11/3/2011 | R1 | 856 | 0 | 40 |
| 11/3/2011 | R1 | 856 | 7 | |
| 11/3/2011 | R1 | 856 | 14 | |
| 11/3/2011 | R2 | 852 | 0 | 40 |
| 11/3/2011 | R2 | 852 | 7 | |
| 11/3/2011 | R2 | 852 | 14 | |
| 11/3/2011 | R3 | 651 | 0 | 40 |
| 11/3/2011 | R3 | 651 | 5 | |
| 11/3/2011 | R3 | 651 | 9 | |
| 11/3/2011 | C1 | 837 | 0 | 40 |
| 11/3/2011 | C1 | 837 | 6 | |
| 11/3/2011 | C1 | 837 | 12 | |
| 11/3/2011 | C1A | --- | 0 | |
| 11/3/2011 | C1A | --- | 10 | |
| 11/3/2011 | C1A | --- | 20 | |
| 11/3/2011 | C2 | 846 | 0 | 40 |
| 11/3/2011 | C2 | 846 | 6 | |
| 11/3/2011 | C2 | 846 | 12 | |
| 11/3/2011 | C2A | --- | 0 | |
| 11/3/2011 | C2A | --- | 10 | |
| 11/3/2011 | C2A | --- | 20 | |
| 11/3/2011 | C3 | 659 | 0 | 40 |
| 11/3/2011 | C3 | 659 | 6 | |
| 11/3/2011 | C3 | 659 | 12 | |
| 11/3/2011 | C3A | --- | 0 | |
| 11/3/2011 | C3A | --- | 10 | |
| 11/3/2011 | C3A | --- | 20 | |
| 11/3/2011 | C4 | 754 | 0 | 40 |
| 11/3/2011 | C4 | 754 | 6 | |
| 11/3/2011 | C4 | 754 | 12 | |
| 11/3/2011 | C5 | 749 | 0 | 40 |
| 11/3/2011 | C5 | 749 | 6 | |
| 11/3/2011 | C5 | 749 | 12 | |
| 11/3/2011 | C5A | --- | 0 | |
| 11/3/2011 | C5A | --- | 10 | |
| 11/3/2011 | C5A | --- | 20 | |
| 11/3/2011 | C6 | --- | 0 | |
| 11/3/2011 | C6 | --- | 10 | |
| 11/3/2011 | C6 | --- | 20 | |
| 11/7/2011 | R1 | 706 | 0 | 50 |
| 11/7/2011 | R1 | 706 | 7 | |

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|---|---|---|---|---|
| 11/7/2011 | R1 | 706 | 14 | |
| 11/7/2011 | R2 | 711 | 0 | 50 |
| 11/7/2011 | R2 | 711 | 7 | |
| 11/7/2011 | R2 | 711 | 14 | |
| 11/7/2011 | R3 | 657 | 0 | 50 |
| 11/7/2011 | R3 | 657 | 5 | |
| 11/7/2011 | R3 | 657 | 9 | |
| 11/7/2011 | C1 | 720 | 0 | 50 |
| 11/7/2011 | C1 | 721 | 6 | |
| 11/7/2011 | C1 | 721 | 12 | |
| 11/7/2011 | C1A | --- | 0 | |
| 11/7/2011 | C1A | --- | 10 | |
| 11/7/2011 | C1A | --- | 20 | |
| 11/7/2011 | C2 | 726 | 0 | 50 |
| 11/7/2011 | C2 | 727 | 6 | |
| 11/7/2011 | C2 | 727 | 12 | |
| 11/7/2011 | C2A | --- | 0 | |
| 11/7/2011 | C2A | --- | 10 | |
| 11/7/2011 | C2A | --- | 20 | |
| 11/7/2011 | C3 | 732 | 0 | 50 |
| 11/7/2011 | C3 | 733 | 6 | |
| 11/7/2011 | C3 | 733 | 12 | |
| 11/7/2011 | C3A | --- | 0 | |
| 11/7/2011 | C3A | --- | 10 | |
| 11/7/2011 | C3A | --- | 20 | |
| 11/7/2011 | C4 | 741 | 0 | 50 |
| 11/7/2011 | C4 | 742 | 6 | |
| 11/7/2011 | C4 | 742 | 12 | |
| 11/7/2011 | C5 | 748 | 0 | 50 |
| 11/7/2011 | C5 | 749 | 6 | |
| 11/7/2011 | C5 | 749 | 12 | |
| 11/7/2011 | C5A | --- | 0 | |
| 11/7/2011 | C5A | --- | 10 | |
| 11/7/2011 | C5A | --- | 20 | |
| 11/7/2011 | C6 | --- | 0 | |
| 11/7/2011 | C6 | --- | 10 | |
| 11/7/2011 | C6 | --- | 20 | |
| 11/10/2011 | R1 | 712 | 0 | 60 |
| 11/10/2011 | R1 | 712 | 7 | |
| 11/10/2011 | R1 | 712 | 14 | |
| 11/10/2011 | R2 | 717 | 0 | 60 |
| 11/10/2011 | R2 | 717 | 7 | |
| 11/10/2011 | R2 | 717 | 14 | |
| 11/10/2011 | R3 | 800 | 0 | 60 |

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|---|---|---|---|---|
| 11/10/2011 | R3 | 800 | 5 | |
| 11/10/2011 | R3 | 800 | 9 | |
| 11/10/2011 | C1 | 724 | 0 | 60 |
| 11/10/2011 | C1 | 724 | 6 | |
| 11/10/2011 | C1 | 724 | 12 | |
| 11/10/2011 | C1A | --- | 0 | |
| 11/10/2011 | C1A | --- | 10 | |
| 11/10/2011 | C1A | --- | 20 | |
| 11/10/2011 | C2 | 730 | 0 | 60 |
| 11/10/2011 | C2 | 730 | 6 | |
| 11/10/2011 | C2 | 730 | 12 | |
| 11/10/2011 | C2A | --- | 0 | |
| 11/10/2011 | C2A | --- | 10 | |
| 11/10/2011 | C2A | --- | 20 | |
| 11/10/2011 | C3 | 736 | 0 | 60 |
| 11/10/2011 | C3 | 736 | 6 | |
| 11/10/2011 | C3 | 736 | 12 | |
| 11/10/2011 | C3A | --- | 0 | |
| 11/10/2011 | C3A | --- | 10 | |
| 11/10/2011 | C3A | --- | 20 | |
| 11/10/2011 | C4 | 744 | 0 | 60 |
| 11/10/2011 | C4 | 744 | 6 | |
| 11/10/2011 | C4 | 744 | 12 | |
| 11/10/2011 | C5 | 749 | 0 | 60 |
| 11/10/2011 | C5 | 749 | 6 | |
| 11/10/2011 | C5 | 749 | 12 | |
| 11/10/2011 | C5A | --- | 0 | |
| 11/10/2011 | C5A | --- | 10 | |
| 11/10/2011 | C5A | --- | 20 | |
| 11/10/2011 | C6 | --- | 0 | |
| 11/10/2011 | C6 | --- | 10 | |
| 11/10/2011 | C6 | --- | 20 | |
| 11/15/2011 | R1 | 642 | 0 | 15 |
| 11/15/2011 | R1 | 642 | 7 | |
| 11/15/2011 | R1 | 642 | 14 | |
| 11/15/2011 | R2 | 647 | 0 | 15 |
| 11/15/2011 | R2 | 647 | 7 | |
| 11/15/2011 | R2 | 647 | 14 | |
| 11/15/2011 | R3 | 743 | 0 | 15 |
| 11/15/2011 | R3 | 743 | 5 | |
| 11/15/2011 | R3 | 743 | 9 | |
| 11/15/2011 | C1 | 702 | 0 | 15 |
| 11/15/2011 | C1 | 702 | 6 | |
| 11/15/2011 | C1 | 702 | 12 | |

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|---|---|---|---|---|
| 11/15/2011 | C1A | --- | 0 | |
| 11/15/2011 | C1A | --- | 10 | |
| 11/15/2011 | C1A | --- | 20 | |
| 11/15/2011 | C2 | 655 | 0 | 15 |
| 11/15/2011 | C2 | 655 | 6 | |
| 11/15/2011 | C2 | 655 | 12 | |
| 11/15/2011 | C2A | --- | 0 | |
| 11/15/2011 | C2A | --- | 10 | |
| 11/15/2011 | C2A | --- | 20 | |
| 11/15/2011 | C3 | 735 | 0 | 15 |
| 11/15/2011 | C3 | 735 | 6 | |
| 11/15/2011 | C3 | 735 | 12 | |
| 11/15/2011 | C3A | --- | 0 | |
| 11/15/2011 | C3A | --- | 10 | |
| 11/15/2011 | C3A | --- | 20 | |
| 11/15/2011 | C4 | 727 | 0 | 15 |
| 11/15/2011 | C4 | 727 | 6 | |
| 11/15/2011 | C4 | 727 | 12 | |
| 11/15/2011 | C5 | 719 | 0 | 15 |
| 11/15/2011 | C5 | 719 | 6 | |
| 11/15/2011 | C5 | 719 | 12 | |
| 11/15/2011 | C5A | --- | 0 | |
| 11/15/2011 | C5A | --- | 10 | |
| 11/15/2011 | C5A | --- | 20 | |
| 11/15/2011 | C6 | --- | 0 | |
| 11/15/2011 | C6 | --- | 10 | |
| 11/15/2011 | C6 | --- | 20 | |
| 11/19/2011 | R1 | 745 | 0 | 95 |
| 11/19/2011 | R1 | 745 | 7 | |
| 11/19/2011 | R1 | 745 | 14 | |
| 11/19/2011 | R2 | 739 | 0 | 95 |
| 11/19/2011 | R2 | 739 | 7 | |
| 11/19/2011 | R2 | 739 | 14 | |
| 11/19/2011 | R3 | 643 | 0 | 95 |
| 11/19/2011 | R3 | 643 | 5 | |
| 11/19/2011 | R3 | 643 | 9 | |
| 11/19/2011 | C1 | 730 | 0 | 95 |
| 11/19/2011 | C1 | 730 | 6 | |
| 11/19/2011 | C1 | 730 | 12 | |
| 11/19/2011 | C1A | --- | 0 | |
| 11/19/2011 | C1A | --- | 10 | |
| 11/19/2011 | C1A | --- | 20 | |
| 11/19/2011 | C2 | 722 | 0 | 95 |
| 11/19/2011 | C2 | 722 | 6 | |

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|---|---|---|---|---|
| 11/19/2011 | C2 | 722 | 12 | |
| 11/19/2011 | C2A | --- | 0 | |
| 11/19/2011 | C2A | --- | 10 | |
| 11/19/2011 | C2A | --- | 20 | |
| 11/19/2011 | C3 | 715 | 0 | 95 |
| 11/19/2011 | C3 | 715 | 6 | |
| 11/19/2011 | C3 | 715 | 12 | |
| 11/19/2011 | C3A | --- | 0 | |
| 11/19/2011 | C3A | --- | 10 | |
| 11/19/2011 | C3A | --- | 20 | |
| 11/19/2011 | C4 | 708 | 0 | 95 |
| 11/19/2011 | C4 | 708 | 6 | |
| 11/19/2011 | C4 | 708 | 12 | |
| 11/19/2011 | C5 | 700 | 0 | 95 |
| 11/19/2011 | C5 | 700 | 6 | |
| 11/19/2011 | C5 | 700 | 12 | |
| 11/19/2011 | C5A | --- | 0 | |
| 11/19/2011 | C5A | --- | 10 | |
| 11/19/2011 | C5A | --- | 20 | |
| 11/19/2011 | C6 | --- | 0 | |
| 11/19/2011 | C6 | --- | 10 | |
| 11/19/2011 | C6 | --- | 20 | |
| 11/23/2011 | R1 | 754 | 0 | 65 |
| 11/23/2011 | R1 | 754 | 7 | |
| 11/23/2011 | R1 | 754 | 14 | |
| 11/23/2011 | R2 | 748 | 0 | 65 |
| 11/23/2011 | R2 | 748 | 7 | |
| 11/23/2011 | R2 | 748 | 14 | |
| 11/23/2011 | R3 | 701 | 0 | 65 |
| 11/23/2011 | R3 | 701 | 5 | |
| 11/23/2011 | R3 | 701 | 9 | |
| 11/23/2011 | C1 | 739 | 0 | 65 |
| 11/23/2011 | C1 | 739 | 6 | |
| 11/23/2011 | C1 | 739 | 12 | |
| 11/23/2011 | C1A | --- | 0 | |
| 11/23/2011 | C1A | --- | 10 | |
| 11/23/2011 | C1A | --- | 20 | |
| 11/23/2011 | C2 | 733 | 0 | 65 |
| 11/23/2011 | C2 | 733 | 6 | |
| 11/23/2011 | C2 | 733 | 12 | |
| 11/23/2011 | C2A | --- | 0 | |
| 11/23/2011 | C2A | --- | 10 | |
| 11/23/2011 | C2A | --- | 20 | |
| 11/23/2011 | C3 | 728 | 0 | 65 |

| | | | | |
|---|---|---|---|---|
| 11/23/2011 | C3 | 728 | 6 | |
| 11/23/2011 | C3 | 728 | 12 | |
| 11/23/2011 | C3A | --- | 0 | |
| 11/23/2011 | C3A | --- | 10 | |
| 11/23/2011 | C3A | --- | 20 | |
| 11/23/2011 | C4 | 719 | 0 | 65 |
| 11/23/2011 | C4 | 719 | 6 | |
| 11/23/2011 | C4 | 719 | 12 | |
| 11/23/2011 | C5 | 715 | 0 | 65 |
| 11/23/2011 | C5 | 715 | 6 | |
| 11/23/2011 | C5 | 715 | 12 | |
| 11/23/2011 | C5A | --- | 0 | |
| 11/23/2011 | C5A | --- | 10 | |
| 11/23/2011 | C5A | --- | 20 | |
| 11/23/2011 | C6 | --- | 0 | |
| 11/23/2011 | C6 | --- | 10 | |
| 11/23/2011 | C6 | --- | 20 | |
| 11/27/2011 | R1 | 743 | 0 | 50 |
| 11/27/2011 | R1 | 743 | 7 | |
| 11/27/2011 | R1 | 743 | 14 | |
| 11/27/2011 | R2 | 738 | 0 | 50 |
| 11/27/2011 | R2 | 738 | 7 | |
| 11/27/2011 | R2 | 738 | 14 | |
| 11/27/2011 | R3 | 652 | 0 | 50 |
| 11/27/2011 | R3 | 652 | 5 | |
| 11/27/2011 | R3 | 652 | 9 | |
| 11/27/2011 | C1 | 729 | 0 | 50 |
| 11/27/2011 | C1 | 729 | 6 | |
| 11/27/2011 | C1 | 729 | 12 | |
| 11/27/2011 | C1A | --- | 0 | |
| 11/27/2011 | C1A | --- | 10 | |
| 11/27/2011 | C1A | --- | 20 | |
| 11/27/2011 | C2 | 723 | 0 | 50 |
| 11/27/2011 | C2 | 723 | 6 | |
| 11/27/2011 | C2 | 723 | 12 | |
| 11/27/2011 | C2A | --- | 0 | |
| 11/27/2011 | C2A | --- | 10 | |
| 11/27/2011 | C2A | --- | 20 | |
| 11/27/2011 | C3 | 717 | 0 | 50 |
| 11/27/2011 | C3 | 717 | 6 | |
| 11/27/2011 | C3 | 717 | 12 | |
| 11/27/2011 | C3A | --- | 0 | |
| 11/27/2011 | C3A | --- | 10 | |
| 11/27/2011 | C3A | --- | 20 | |

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|---|---|---|---|---|
| 11/27/2011 | C4 | 710 | 0 | 50 |
| 11/27/2011 | C4 | 710 | 6 | |
| 11/27/2011 | C4 | 710 | 12 | |
| 11/27/2011 | C5 | 705 | 0 | 50 |
| 11/27/2011 | C5 | 705 | 6 | |
| 11/27/2011 | C5 | 705 | 12 | |
| 11/27/2011 | C5A | --- | 0 | |
| 11/27/2011 | C5A | --- | 10 | |
| 11/27/2011 | C5A | --- | 20 | |
| 11/27/2011 | C6 | --- | 0 | |
| 11/27/2011 | C6 | --- | 10 | |
| 11/27/2011 | C6 | --- | 20 | |
| 12/1/2011 | R1 | 714 | 0 | 80 |
| 12/1/2011 | R1 | 714 | 7 | |
| 12/1/2011 | R1 | 714 | 14 | |
| 12/1/2011 | R2 | 719 | 0 | 80 |
| 12/1/2011 | R2 | 719 | 7 | |
| 12/1/2011 | R2 | 719 | 14 | |
| 12/1/2011 | R3 | 758 | 0 | 80 |
| 12/1/2011 | R3 | 758 | 5 | |
| 12/1/2011 | R3 | 758 | 9 | |
| 12/1/2011 | C1 | 726 | 0 | 80 |
| 12/1/2011 | C1 | 726 | 6 | |
| 12/1/2011 | C1 | 726 | 12 | |
| 12/1/2011 | C1A | --- | 0 | |
| 12/1/2011 | C1A | --- | 10 | |
| 12/1/2011 | C1A | --- | 20 | |
| 12/1/2011 | C2 | 730 | 0 | 80 |
| 12/1/2011 | C2 | 730 | 6 | |
| 12/1/2011 | C2 | 731 | 12 | |
| 12/1/2011 | C2A | --- | 0 | |
| 12/1/2011 | C2A | --- | 10 | |
| 12/1/2011 | C2A | --- | 20 | |
| 12/1/2011 | C3 | 737 | 0 | 80 |
| 12/1/2011 | C3 | 737 | 6 | |
| 12/1/2011 | C3 | 737 | 12 | |
| 12/1/2011 | C3A | --- | 0 | |
| 12/1/2011 | C3A | --- | 10 | |
| 12/1/2011 | C3A | --- | 20 | |
| 12/1/2011 | C4 | 743 | 0 | 80 |
| 12/1/2011 | C4 | 743 | 6 | |
| 12/1/2011 | C4 | 743 | 12 | |
| 12/1/2011 | C5 | 749 | 0 | 80 |
| 12/1/2011 | C5 | 749 | 6 | |

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|---|---|---|---|---|
| 12/1/2011 | C5 | 749 | 12 | |
| 12/1/2011 | C5A | --- | 0 | |
| 12/1/2011 | C5A | --- | 10 | |
| 12/1/2011 | C5A | --- | 20 | |
| 12/1/2011 | C6 | --- | 0 | |
| 12/1/2011 | C6 | --- | 10 | |
| 12/1/2011 | C6 | --- | 20 | |
| 12/5/2011 | R1 | 854 | 0 | 70 |
| 12/5/2011 | R1 | 855 | 7 | |
| 12/5/2011 | R1 | 855 | 14 | |
| 12/5/2011 | R2 | 850 | 0 | 70 |
| 12/5/2011 | R2 | 850 | 7 | |
| 12/5/2011 | R2 | 850 | 14 | |
| 12/5/2011 | R3 | 707 | 0 | 70 |
| 12/5/2011 | R3 | 707 | 5 | |
| 12/5/2011 | R3 | 707 | 9 | |
| 12/5/2011 | C1 | 840 | 0 | 70 |
| 12/5/2011 | C1 | 840 | 6 | |
| 12/5/2011 | C1 | 840 | 12 | |
| 12/5/2011 | C1A | --- | 0 | |
| 12/5/2011 | C1A | --- | 10 | |
| 12/5/2011 | C1A | --- | 20 | |
| 12/5/2011 | C2 | 845 | 0 | 70 |
| 12/5/2011 | C2 | 845 | 6 | |
| 12/5/2011 | C2 | 845 | 12 | |
| 12/5/2011 | C2A | --- | 0 | |
| 12/5/2011 | C2A | --- | 10 | |
| 12/5/2011 | C2A | --- | 20 | |
| 12/5/2011 | C3 | 713 | 0 | 70 |
| 12/5/2011 | C3 | 714 | 6 | |
| 12/5/2011 | C3 | 714 | 12 | |
| 12/5/2011 | C3A | --- | 0 | |
| 12/5/2011 | C3A | --- | 10 | |
| 12/5/2011 | C3A | --- | 20 | |
| 12/5/2011 | C4 | 806 | 0 | 70 |
| 12/5/2011 | C4 | 806 | 6 | |
| 12/5/2011 | C4 | 806 | 12 | |
| 12/5/2011 | C5 | 759 | 0 | 70 |
| 12/5/2011 | C5 | 759 | 6 | |
| 12/5/2011 | C5 | 759 | 12 | |
| 12/5/2011 | C5A | --- | 0 | |
| 12/5/2011 | C5A | --- | 10 | |
| 12/5/2011 | C5A | --- | 20 | |
| 12/5/2011 | C6 | --- | 0 | |

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|---|---|---|---|---|
| 12/5/2011 | C6 | --- | 10 | |
| 12/5/2011 | C6 | --- | 20 | |
| 12/9/2011 | R1 | 743 | 0 | 40 |
| 12/9/2011 | R1 | 754 | 7 | |
| 12/9/2011 | R1 | 754 | 14 | |
| 12/9/2011 | R2 | 747 | 0 | 40 |
| 12/9/2011 | R2 | 748 | 7 | |
| 12/9/2011 | R2 | 748 | 14 | |
| 12/9/2011 | R3 | 652 | 0 | 40 |
| 12/9/2011 | R3 | 652 | 5 | |
| 12/9/2011 | R3 | 652 | 9 | |
| 12/9/2011 | C1 | 736 | 0 | 40 |
| 12/9/2011 | C1 | 737 | 6 | |
| 12/9/2011 | C1 | 737 | 12 | |
| 12/9/2011 | C1A | --- | 0 | |
| 12/9/2011 | C1A | --- | 10 | |
| 12/9/2011 | C1A | --- | 20 | |
| 12/9/2011 | C2 | 730 | 0 | 40 |
| 12/9/2011 | C2 | 731 | 6 | |
| 12/9/2011 | C2 | 731 | 12 | |
| 12/9/2011 | C2A | --- | 0 | |
| 12/9/2011 | C2A | --- | 10 | |
| 12/9/2011 | C2A | --- | 20 | |
| 12/9/2011 | C3 | 723 | 0 | 40 |
| 12/9/2011 | C3 | 723 | 6 | |
| 12/9/2011 | C3 | 723 | 12 | |
| 12/9/2011 | C3A | --- | 0 | |
| 12/9/2011 | C3A | --- | 10 | |
| 12/9/2011 | C3A | --- | 20 | |
| 12/9/2011 | C4 | 714 | 0 | 40 |
| 12/9/2011 | C4 | 715 | 6 | |
| 12/9/2011 | C4 | 715 | 12 | |
| 12/9/2011 | C5 | 708 | 0 | 40 |
| 12/9/2011 | C5 | 708 | 6 | |
| 12/9/2011 | C5 | 708 | 12 | |
| 12/9/2011 | C5A | --- | 0 | |
| 12/9/2011 | C5A | --- | 10 | |
| 12/9/2011 | C5A | --- | 20 | |
| 12/9/2011 | C6 | --- | 0 | |
| 12/9/2011 | C6 | --- | 10 | |
| 12/9/2011 | C6 | --- | 20 | |
| 12/13/2011 | R1 | 721 | 0 | 80 |
| 12/13/2011 | R1 | 721 | 7 | |
| 12/13/2011 | R1 | 721 | 14 | |

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|---|---|---|---|---|
| 12/13/2011 | R2 | 727 | 0 | 80 |
| 12/13/2011 | R2 | 727 | 7 | |
| 12/13/2011 | R2 | 727 | 14 | |
| 12/13/2011 | R3 | 713 | 0 | 80 |
| 12/13/2011 | R3 | 713 | 5 | |
| 12/13/2011 | R3 | 713 | 9 | |
| 12/13/2011 | C1 | 734 | 0 | 80 |
| 12/13/2011 | C1 | 734 | 6 | |
| 12/13/2011 | C1 | 734 | 12 | |
| 12/13/2011 | C1A | --- | 0 | |
| 12/13/2011 | C1A | --- | 10 | |
| 12/13/2011 | C1A | --- | 20 | |
| 12/13/2011 | C2 | 741 | 0 | 80 |
| 12/13/2011 | C2 | 741 | 6 | |
| 12/13/2011 | C2 | 741 | 12 | |
| 12/13/2011 | C2A | --- | 0 | |
| 12/13/2011 | C2A | --- | 10 | |
| 12/13/2011 | C2A | --- | 20 | |
| 12/13/2011 | C3 | 747 | 0 | 80 |
| 12/13/2011 | C3 | 747 | 6 | |
| 12/13/2011 | C3 | 747 | 12 | |
| 12/13/2011 | C3A | --- | 0 | |
| 12/13/2011 | C3A | --- | 10 | |
| 12/13/2011 | C3A | --- | 20 | |
| 12/13/2011 | C4 | 753 | 0 | 80 |
| 12/13/2011 | C4 | 753 | 6 | |
| 12/13/2011 | C4 | 753 | 12 | |
| 12/13/2011 | C5 | 801 | 0 | 80 |
| 12/13/2011 | C5 | 801 | 6 | |
| 12/13/2011 | C5 | 801 | 12 | |
| 12/13/2011 | C5A | --- | 0 | |
| 12/13/2011 | C5A | --- | 10 | |
| 12/13/2011 | C5A | --- | 20 | |
| 12/13/2011 | C6 | --- | 0 | |
| 12/13/2011 | C6 | --- | 10 | |
| 12/13/2011 | C6 | --- | 20 | |
| 12/17/2011 | R1 | 811 | 0 | 75 |
| 12/17/2011 | R1 | 811 | 7 | |
| 12/17/2011 | R1 | 811 | 14 | |
| 12/17/2011 | R2 | 805 | 0 | 75 |
| 12/17/2011 | R2 | 805 | 7 | |
| 12/17/2011 | R2 | 805 | 14 | |
| 12/17/2011 | R3 | 715 | 0 | 75 |
| 12/17/2011 | R3 | 715 | 5 | |

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|---|---|---|---|---|
| 12/17/2011 | R3 | 715 | 9 | |
| 12/17/2011 | C1 | 756 | 0 | 75 |
| 12/17/2011 | C1 | 756 | 6 | |
| 12/17/2011 | C1 | 756 | 12 | |
| 12/17/2011 | C1A | --- | 0 | |
| 12/17/2011 | C1A | --- | 10 | |
| 12/17/2011 | C1A | --- | 20 | |
| 12/17/2011 | C2 | 751 | 0 | 75 |
| 12/17/2011 | C2 | 751 | 6 | |
| 12/17/2011 | C2 | 751 | 12 | |
| 12/17/2011 | C2A | --- | 0 | |
| 12/17/2011 | C2A | --- | 10 | |
| 12/17/2011 | C2A | --- | 20 | |
| 12/17/2011 | C3 | 723 | 0 | 75 |
| 12/17/2011 | C3 | 723 | 6 | |
| 12/17/2011 | C3 | 723 | 12 | |
| 12/17/2011 | C3A | --- | 0 | |
| 12/17/2011 | C3A | --- | 10 | |
| 12/17/2011 | C3A | --- | 20 | |
| 12/17/2011 | C4 | 732 | 0 | 75 |
| 12/17/2011 | C4 | 732 | 6 | |
| 12/17/2011 | C4 | 732 | 12 | |
| 12/17/2011 | C5 | 739 | 0 | 75 |
| 12/17/2011 | C5 | 739 | 6 | |
| 12/17/2011 | C5 | 739 | 12 | |
| 12/17/2011 | C5A | --- | 0 | |
| 12/17/2011 | C5A | --- | 10 | |
| 12/17/2011 | C5A | --- | 20 | |
| 12/17/2011 | C6 | --- | 0 | |
| 12/17/2011 | C6 | --- | 10 | |
| 12/17/2011 | C6 | --- | 20 | |
| 12/21/2011 | R1 | 748 | 0 | 75 |
| 12/21/2011 | R1 | 748 | 7 | |
| 12/21/2011 | R1 | 748 | 14 | |
| 12/21/2011 | R2 | 753 | 0 | 75 |
| 12/21/2011 | R2 | 753 | 7 | |
| 12/21/2011 | R2 | 753 | 14 | |
| 12/21/2011 | R3 | 742 | 0 | 75 |
| 12/21/2011 | R3 | 742 | 5 | |
| 12/21/2011 | R3 | 742 | 9 | |
| 12/21/2011 | C1 | 803 | 0 | 75 |
| 12/21/2011 | C1 | 803 | 6 | |
| 12/21/2011 | C1 | 803 | 12 | |
| 12/21/2011 | C1A | --- | 0 | |

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|---|---|---|---|---|
| 12/21/2011 | C1A | --- | 10 | |
| 12/21/2011 | C1A | --- | 20 | |
| 12/21/2011 | C2 | 758 | 0 | 75 |
| 12/21/2011 | C2 | 758 | 6 | |
| 12/21/2011 | C2 | 758 | 12 | |
| 12/21/2011 | C2A | --- | 0 | |
| 12/21/2011 | C2A | --- | 10 | |
| 12/21/2011 | C2A | --- | 20 | |
| 12/21/2011 | C3 | 814 | 0 | 75 |
| 12/21/2011 | C3 | 814 | 6 | |
| 12/21/2011 | C3 | 814 | 12 | |
| 12/21/2011 | C3A | --- | 0 | |
| 12/21/2011 | C3A | --- | 10 | |
| 12/21/2011 | C3A | --- | 20 | |
| 12/21/2011 | C4 | 823 | 0 | 75 |
| 12/21/2011 | C4 | 823 | 6 | |
| 12/21/2011 | C4 | 823 | 12 | |
| 12/21/2011 | C5 | 828 | 0 | 75 |
| 12/21/2011 | C5 | 828 | 6 | |
| 12/21/2011 | C5 | 828 | 12 | |
| 12/21/2011 | C5A | --- | 0 | |
| 12/21/2011 | C5A | --- | 10 | |
| 12/21/2011 | C5A | --- | 20 | |
| 12/21/2011 | C6 | --- | 0 | |
| 12/21/2011 | C6 | --- | 10 | |
| 12/21/2011 | C6 | --- | 20 | |
| 12/25/2011 | R1 | 812 | 0 | 30 |
| 12/25/2011 | R1 | 812 | 7 | |
| 12/25/2011 | R1 | 812 | 14 | |
| 12/25/2011 | R2 | 807 | 0 | 30 |
| 12/25/2011 | R2 | 807 | 7 | |
| 12/25/2011 | R2 | 807 | 14 | |
| 12/25/2011 | R3 | 715 | 0 | 30 |
| 12/25/2011 | R3 | 715 | 5 | |
| 12/25/2011 | R3 | 715 | 9 | |
| 12/25/2011 | C1 | 759 | 0 | 30 |
| 12/25/2011 | C1 | 759 | 6 | |
| 12/25/2011 | C1 | 759 | 12 | |
| 12/25/2011 | C1A | --- | 0 | |
| 12/25/2011 | C1A | --- | 10 | |
| 12/25/2011 | C1A | --- | 20 | |
| 12/25/2011 | C2 | 753 | 0 | 30 |
| 12/25/2011 | C2 | 753 | 6 | |
| 12/25/2011 | C2 | 753 | 12 | |

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|---|---|---|---|---|
| 12/25/2011 | C2A | --- | 0 | |
| 12/25/2011 | C2A | --- | 10 | |
| 12/25/2011 | C2A | --- | 20 | |
| 12/25/2011 | C3 | 745 | 0 | 30 |
| 12/25/2011 | C3 | 745 | 6 | |
| 12/25/2011 | C3 | 745 | 12 | |
| 12/25/2011 | C3A | --- | 0 | |
| 12/25/2011 | C3A | --- | 10 | |
| 12/25/2011 | C3A | --- | 20 | |
| 12/25/2011 | C4 | 736 | 0 | 30 |
| 12/25/2011 | C4 | 736 | 6 | |
| 12/25/2011 | C4 | 736 | 12 | |
| 12/25/2011 | C5 | 732 | 0 | 30 |
| 12/25/2011 | C5 | 732 | 6 | |
| 12/25/2011 | C5 | 732 | 12 | |
| 12/25/2011 | C5A | --- | 0 | |
| 12/25/2011 | C5A | --- | 10 | |
| 12/25/2011 | C5A | --- | 20 | |
| 12/25/2011 | C6 | --- | 0 | |
| 12/25/2011 | C6 | --- | 10 | |
| 12/25/2011 | C6 | --- | 20 | |
| 12/29/2011 | R1 | 709 | 0 | 30 |
| 12/29/2011 | R1 | 709 | 7 | |
| 12/29/2011 | R1 | 709 | 14 | |
| 12/29/2011 | R2 | 713 | 0 | 30 |
| 12/29/2011 | R2 | 713 | 7 | |
| 12/29/2011 | R2 | 713 | 14 | |
| 12/29/2011 | R3 | 703 | 0 | 30 |
| 12/29/2011 | R3 | 703 | 5 | |
| 12/29/2011 | R3 | 703 | 9 | |
| 12/29/2011 | C1 | 720 | 0 | 30 |
| 12/29/2011 | C1 | 720 | 6 | |
| 12/29/2011 | C1 | 720 | 12 | |
| 12/29/2011 | C1A | --- | 0 | |
| 12/29/2011 | C1A | --- | 10 | |
| 12/29/2011 | C1A | --- | 20 | |
| 12/29/2011 | C2 | 726 | 0 | 30 |
| 12/29/2011 | C2 | 726 | 6 | |
| 12/29/2011 | C2 | 726 | 12 | |
| 12/29/2011 | C2A | --- | 0 | |
| 12/29/2011 | C2A | --- | 10 | |
| 12/29/2011 | C2A | --- | 20 | |
| 12/29/2011 | C3 | 732 | 0 | 30 |
| 12/29/2011 | C3 | 732 | 6 | |

| | | | | |
|---|---|---|---|---|
| 12/29/2011 | C3 | 732 | 12 | |
| 12/29/2011 | C3A | --- | 0 | |
| 12/29/2011 | C3A | --- | 10 | |
| 12/29/2011 | C3A | --- | 20 | |
| 12/29/2011 | C4 | 738 | 0 | 30 |
| 12/29/2011 | C4 | 738 | 6 | |
| 12/29/2011 | C4 | 738 | 12 | |
| 12/29/2011 | C5 | 744 | 0 | 30 |
| 12/29/2011 | C5 | 744 | 6 | |
| 12/29/2011 | C5 | 744 | 12 | |
| 12/29/2011 | C5A | --- | 0 | |
| 12/29/2011 | C5A | --- | 10 | |
| 12/29/2011 | C5A | --- | 20 | |
| 12/29/2011 | C6 | --- | 0 | |
| 12/29/2011 | C6 | --- | 10 | |
| 12/29/2011 | C6 | --- | 20 | |

| Tide hgt (ft) | Tide stage (0154) | Odor Floatable n/p | Wind low (m/h) | Wind high (m/h) | Wind dir (deg) | Water color (0394) | Wea-ther (0108) | Sea state (0109) | Wave hgt (0362) | Wave direction. (se) | Fecal Coliform (No./100ml) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.8 | 1 | N | 7 | 8 | NE | 3 | 1 | 1 | 0 | SE | |
| 0.9 | 1 | N | 4 | 5 | NE | 3 | 1 | 1 | 0 | SE | |
| 1.2 | 1 | N | 1 | 2 | E | 3 | 1 | 1 | 0 | SE | |
| 0.9 | 1 | N | 6 | 7 | NE | 3 | 1 | 2 | 1 | SE | |
| 1 | 1 | N | 8 | 9 | NE | 3 | 1 | 2 | 1 | SE | |
| 1 | 1 | N | 2 | 3 | E | 2 | 1 | 2 | 1 | SE | |
| 1.1 | 1 | N | 3 | 4 | E | 2 | 1 | 2 | 1 | SE | |
| 1.1 | 1 | N | 1 | 2 | E | 2 | 1 | 2 | 1 | SE | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.5 | 1 | N | 3 | 4 | NW | 3 | 1 | 1 | 0 | S |
| 1.5 | 1 | N | 4 | 5 | NW | 3 | 1 | 1 | 0 | S |
| 1.8 | 1 | N | 3 | 4 | N | 3 | 2 | 1 | 0 | S |
| 1.6 | 1 | N | 4 | 6 | NW | 2 | 1 | 1 | 0 | S |
| 1.6 | 1 | N | 3 | 4 | NW | 2 | 2 | 1 | 0 | S |
| 1.7 | 1 | N | 2 | 4 | NW | 2 | 1 | 1 | 0 | S |
| 1.8 | 1 | N | 2 | 3 | NW | 2 | 2 | 1 | 0 | S |
| 1.8 | 1 | N | 3 | 4 | NW | 2 | 2 | 1 | 0 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.2 | 1 | N | 1 | 2 | N | 3 | 1 | 0 | 0 | S |
| 1.2 | 1 | N | 1 | 2 | N | 3 | 1 | 1 | 0 | S |
| 1.2 | 3 | N | 0 | 1 | N | 3 | 1 | 1 | 0 | S |
| 1.2 | 4 | N | 0 | 1 | N | 2 | 1 | 2 | 1 | SW |
| 1.2 | 4 | N | 2 | 3 | N | 2 | 1 | 2 | 1 | SW |
| 1.2 | 4 | N | 1 | 2 | N | 1 | 1 | 1 | 1 | SW |
| 1.2 | 4 | N | 0 | 1 | N | 1 | 1 | 1 | 1 | SW |
| 1.2 | 3 | N | 0 | 1 | NE | 1 | 1 | 1 | 0 | SW |
| 0.4 | 1 | N | 3 | 5 | N | 6 | 0 | 1 | 1 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 1 | N | 1 | 3 | N | 4 | 0 | 1 | 1 | S |
| 0.5 | 1 | N | 0 | 2 | N | 6 | 0 | 1 | 1 | S |
| 0.5 | 1 | N | 3 | 5 | N | 3 | 0 | 1 | 2 | SE |
| 0.5 | 1 | N | 4 | 6 | N | 4 | 0 | 1 | 2 | SE |
| 0.5 | 1 | N | 0 | 2 | N | 2 | 0 | 1 | 2 | SE |
| 0.5 | 1 | N | 0 | 2 | N | 2 | 0 | 1 | 2 | SE |
| 0.5 | 1 | N | 1 | 3 | N | 2 | 0 | 1 | 2 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.2 | 1 | N | 0 | 1 | N | 3 | 1 | 0 | 0 | Z CNS |
| 0.2 | 1 | N | 0 | 1 | N | 3 | 1 | 0 | 0 | Z CNS |
| 1.2 | 1 | N | 1 | 2 | N | 3 | 1 | 0 | 0 | Z CNS |
| 0.3 | 1 | N | 2 | 3 | N | 1 | 1 | 0 | 0 | SE |
| 0.5 | 1 | N | 2 | 3 | N | 2 | 1 | 2 | 1 | SE |
| 1 | 1 | N | 2 | 3 | N | 1 | 1 | 1 | 0 | SE |
| 0.6 | 1 | N | 1 | 2 | N | 1 | 1 | 1 | 0 | SE |
| 0.6 | 1 | N | 4 | 5 | N | 1 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.7 | 1 | N | 2 | 4 | NE | 3 | 1 | 1 | 0 | s |
| 1.7 | 1 | N | 3 | 4 | NE | 3 | 1 | 1 | 0 | s |
| 1.9 | 4 | N | 0 | 1 | NE | 3 | 1 | 1 | 0 | s |
| 1.7 | 1 | N | 1 | 2 | E | 2 | 1 | 1 | 1 | se |
| 1.7 | 1 | N | 4 | 5 | E | 2 | 1 | 1 | 1 | se |
| 1.8 | 1 | N | 5 | 7 | E | 2 | 1 | 1 | 1 | se |
| 1.8 | 1 | N | 4 | 5 | E | 2 | 1 | 1 | 1 | se |
| 1.8 | 1 | N | 2 | 3 | E | 2 | 1 | 1 | 1 | se |
| 0.7 | 3 | N | 5 | 6 | NE | 3 | 1 | 1 | 0 | S |
| 0.7 | 3 | N | 5 | 7 | NE | 3 | 1 | 1 | 0 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.6 | 1 | N | 2 | 3 | NE | 3 | 1 | 1 | 0 | S |
| 0.6 | 3 | N | 5 | 7 | NE | 2 | 0 | 2 | 1 | SE |
| 0.6 | 3 | N | 3 | 5 | NE | 2 | 0 | 2 | 1 | SE |
| 0.6 | 2 | N | 1 | 2 | NE | 2 | 0 | 1 | 1 | SE |
| 0.6 | 2 | N | 2 | 4 | NE | 2 | 0 | 1 | 1 | SE |
| 0.6 | 2 | N | 2 | 3 | NE | 2 | 0 | 1 | 1 | SE |
| 0.5 | 1 | N | 7 | 9 | N | 3 | 0 | 1 | 0 | S |
| 0.5 | 1 | N | 8 | 10 | N | 3 | 0 | 1 | 0 | S |
| 0.5 | 1 | N | 8 | 10 | N | 3 | 0 | 1 | 0 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 1 | N | 7 | 9 | N | 2 | 0 | 2 | 1 | SE |
| 0.4 | 1 | N | 12 | 14 | N | 2 | 0 | 2 | 1 | SE |
| 0.4 | 1 | N | 11 | 13 | N | 2 | 0 | 2 | 1 | SE |
| 0.3 | 1 | N | 8 | 10 | N | 2 | 0 | 2 | 1 | SE |
| 0.3 | 1 | N | 6 | 8 | N | 2 | 0 | 2 | 1 | SE |
| 0.8 | 1 | N | 1 | 2 | n | 3 | 0 | 0 | 0 | SE |
| 0.9 | 1 | N | 2 | 3 | n | 3 | 0 | 0 | 0 | SE |
| 1.3 | 1 | N | 1 | 2 | n | 3 | 0 | 0 | 0 | SE |
| 0.9 | 1 | N | 1 | 2 | n | 2 | 0 | 1 | 0 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | REMAI | N | 4 | 5 | n | 2 | 0 | 1 | 0 | SE |
| 1 | 1 | N | 4 | 5 | n | 2 | 0 | 1 | 0 | SE |
| 1.2 | 1 | N | 0 | 1 | n | 1 | 0 | 1 | 0 | SE |
| 1.2 | 1 | N | 2 | 3 | n | 1 | 0 | 1 | 0 | SE |
| 0.6 | 1 | N | 4 | 5 | NE | 5 | 1 | 1 | 0 | SE |
| 0.6 | 1 | N | 5 | 6 | NE | 3 | 1 | 1 | 0 | SE |
| 0.5 | 1 | N | 7 | 8 | NE | 3 | 1 | 1 | 0 | SE |
| 0.7 | 1 | N | 8 | 9 | NE | 2 | 1 | 2 | 1 | SE |
| 0.9 | 1 | N | 3 | 4 | NE | 3 | 1 | 1 | 0 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.9 | 1 | N | 3 | 4 | NE | 2 | 1 | 1 | 0 | SE |
| 1.1 | 1 | N | 3 | 4 | NE | 2 | 1 | 1 | 0 | SE |
| 1.1 | 1 | N | 5 | 6 | NE | 1 | 1 | 1 | 0 | SE |
| 0.4 | 1 | N | 1 | 3 | NE | 3 | 1 | 1 | 0 | S |
| 0.4 | 1 | N | 1 | 3 | NE | 3 | 1 | 1 | 0 | S |
| 0.5 | 1 | N | 1 | 3 | E | 3 | 1 | 1 | 0 | S |
| 0.4 | 1 | N | 1 | 3 | NE | 2 | 1 | 2 | 1 | SE |
| 0.4 | 1 | N | 2 | 4 | NE | 2 | 1 | 5 | 1 | SE |
| 0.4 | 1 | N | 2 | 4 | NE | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.5 | 1 | N | 1 | 3 | NE | 2 | 1 | 2 | 1 | SE |
| 0.5 | 1 | N | 1 | 3 | E | 2 | 1 | 2 | 1 | SE |
| 0 | 1 | N | 6 | 7 | E | 3 | 2 | 1 | 0 | S |
| 0 | 1 | N | 10 | 11 | E | 3 | 2 | 1 | 0 | S |
| 0.3 | 1 | N | 6 | 7 | E | 3 | 2 | 1 | 0 | S |
| 0 | 1 | N | 9 | 10 | E | 2 | 2 | 3 | 2 | S |
| 0 | 1 | N | 7 | 8 | E | 3 | 2 | 3 | 2 | SE |
| 0.1 | 1 | N | 6 | 8 | E | 2 | 2 | 3 | 2 | SE |
| 0.2 | 1 | N | 6 | 7 | E | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.2 | 1 | N | 6 | 7 | SE | 1 | 1 | 2 | 1 | SE |
| 1 | 1 | N | 1 | 2 | N | 3 | 1 | 0 | 0 | SE |
| 1 | 1 | N | 1 | 2 | NW | 3 | 1 | 0 | 0 | SE |
| 1.4 | 1 | N | 1 | 2 | NW | 3 | 1 | 0 | 0 | SE |
| 1.1 | 1 | N | 1 | 2 | NW | 3 | 1 | 1 | 0 | SE |
| 1.1 | 1 | N | 1 | 2 | NW | 2 | 1 | 1 | 0 | SE |
| 1.2 | 1 | N | 1 | 2 | NW | 2 | 1 | 1 | 0 | SE |
| 1.2 | 1 | N | 1 | 2 | NW | 2 | 1 | 1 | 0 | SE |
| 1.3 | 1 | N | 1 | 2 | NW | 2 | 1 | 1 | 0 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.6 | 4 | N | 3 | 4 | NE | 3 | 5 | 1 | 0 | S |
| 0.6 | 4 | N | 4 | 5 | NE | 3 | 2 | 1 | 0 | S |
| 0.6 | 3 | N | 6 | 7 | NE | 3 | 2 | 1 | 0 | S |
| 0.6 | 3 | N | 7 | 8 | NE | 2 | 2 | 2 | 1 | S |
| 0.6 | 3 | N | 8 | 9 | NE | 2 | 2 | 2 | 1 | S |
| 0.6 | 3 | N | 9 | 12 | NE | 1 | 2 | 2 | 1 | S |
| 0.6 | 3 | N | 5 | 6 | N | 1 | 2 | 2 | 1 | S |
| 0.6 | 3 | N | 6 | 7 | NE | 1 | 2 | 2 | 1 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.2 | 1 | N | 3 | 5 | N | 3 | 0 | 1 | 0 | S |
| 0.2 | 1 | N | 2 | 4 | N | 3 | 0 | 1 | 0 | S |
| 0.2 | 1 | N | 3 | 5 | N | 3 | 0 | 1 | 0 | S |
| 0.2 | 1 | N | 5 | 7 | N | 2 | 0 | 1 | 1 | SE |
| 0.2 | 1 | N | 2 | 4 | N | 2 | 0 | 1 | 1 | SE |
| 0.2 | 1 | N | 1 | 3 | N | 2 | 0 | 1 | 1 | SE |
| 0.1 | 1 | N | 1 | 3 | N | 2 | 0 | 1 | 1 | SE |
| 0.1 | 1 | N | 0 | 2 | N | 2 | 0 | 1 | 1 | SE |
| 0.4 | 1 | N | 5 | 7 | NE | 3 | 5 | 1 | 0 | S |
| 0.4 | 1 | N | 5 | 7 | NE | 3 | 5 | 1 | 0 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.8 | 1 | N | 3 | 4 | E | 3 | 1 | 1 | 0 | S |
| 0.5 | 1 | N | 7 | 9 | NE | 2 | 1 | 1 | 1 | SE |
| 0.4 | 1 | N | 7 | 9 | NE | 3 | 1 | 1 | 1 | SE |
| 0.8 | 1 | N | 4 | 6 | E | 2 | 1 | 1 | 1 | SE |
| 0.6 | 1 | N | 4 | 5 | NE | 2 | 1 | 1 | 1 | SE |
| 0.7 | 1 | N | 2 | 3 | E | 2 | 1 | 1 | 1 | SE |
| 0.4 | 3 | N | 3 | 5 | NE | 5 | 1 | 1 | 0 | S |
| 0.4 | 3 | N | 5 | 7 | NE | 5 | 1 | 1 | 0 | S |
| 0.4 | 3 | N | 5 | 7 | NE | 5 | 1 | 1 | 0 | S |
| 0.4 | 3 | N | 5 | 7 | NE | 3 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 3 | N | 2 | 4 | NE | 4 | 1 | 2 | 1 | SE |
| 0.4 | 3 | N | 3 | 5 | NE | 3 | 1 | 2 | 1 | SE |
| 0.4 | 3 | N | 2 | 4 | NE | 3 | 1 | 2 | 1 | SE |
| 0.4 | 3 | N | 4 | 6 | NE | 3 | 1 | 2 | 1 | SE |
| 0.1 | 1 | N | 6 | 7 | E | 3 | 1 | 1 | 0 | S |
| 0.1 | 1 | N | 13 | 16 | E | 3 | 1 | 1 | 0 | S |
| 0.1 | 1 | N | 4 | 6 | E | 3 | 1 | 1 | 0 | S |
| 0.1 | 1 | N | 11 | 14 | E | 2 | 1 | 3 | 2 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | N | 9 | 10 | E | 2 | 1 | 3 | 1 | SE |
| -0.1 | 1 | N | 11 | 14 | E | 2 | 1 | 3 | 1 | SE |
| -0.1 | 1 | N | 5 | 6 | E | 2 | 1 | 3 | 1 | SE |
| -0.1 | 1 | N | 8 | 13 | E | 2 | 1 | 3 | 1 | SE |
| 0.4 | 1 | N | 12 | 14 | E | 3 | 5 | 1 | 0 | S |
| 0.5 | 1 | N | 9 | 11 | E | 3 | 1 | 1 | 0 | S |
| 0.9 | 1 | N | 7 | 9 | E | 3 | 1 | 1 | 0 | S |
| 0.5 | 1 | N | 9 | 11 | E | 2 | 1 | 2 | 1 | SE |
| 0.7 | 1 | N | 10 | 12 | E | 1 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.8 | 1 | N | 10 | 12 | E | 1 | 1 | 2 | 1 | SE |
| 0.8 | 1 | N | 7 | 9 | E | 2 | 5 | 2 | 1 | SE |
| 0.7 | 1 | N | 9 | 11 | E | 2 | 5 | 2 | 1 | SE |
| 0.5 | 1 | N | 12 | 15 | NE | 3 | 1 | 1 | 0 | S |
| 0.5 | 1 | N | 13 | 17 | NE | 3 | 1 | 1 | 0 | S |
| 0.5 | 4 | N | 8 | 10 | E | 3 | 1 | 1 | 0 | S |
| 0.5 | 1 | N | 7 | 10 | NE | 2 | 1 | 2 | 1 | SE |
| 0.5 | 1 | N | 5 | 7 | NE | 2 | 1 | 2 | 1 | SE |
| 0.5 | 1 | N | 7 | 9 | NE | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.5 | 1 | N | 7 | 9 | NE | 2 | 1 | 1 | 1 | SE |
| 0.5 | 1 | N | 7 | 9 | E | 2 | 1 | 1 | 1 | SE |
| 0.1 | 3 | N | 7 | 8 | NE | 3 | 1 | 1 | 0 | S |
| 0.1 | 2 | N | 7 | 9 | NE | 3 | 1 | 1 | 0 | S |
| 0.1 | 1 | N | 12 | 14 | NE | 3 | 1 | 1 | 0 | S |
| 0.1 | 2 | N | 11 | 12 | NE | 2 | 1 | 2 | 1 | SE |
| 0.1 | 2 | N | 9 | 10 | NE | 3 | 5 | 2 | 1 | SE |
| 0.1 | 2 | N | 6 | 8 | NE | 2 | 1 | 2 | 1 | SE |
| 0.1 | 1 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.1 | 1 | N | 3 | 5 | E | 2 | 1 | 2 | 1 | SE |
| -0.1 | 1 | N | 5 | 7 | NE | 3 | 1 | 1 | 0 | S |
| -0.1 | 1 | N | 5 | 7 | NE | 3 | 1 | 1 | 0 | S |
| 0.1 | 1 | N | 1 | 2 | NE | 3 | 1 | 1 | 0 | S |
| 0 | 1 | N | 7 | 9 | E | 3 | 1 | 2 | 1 | SE |
| 0 | 1 | N | 8 | 10 | E | 3 | 1 | 2 | 1 | SE |
| 0 | 1 | N | 5 | 7 | NE | 3 | 1 | 2 | 1 | SE |
| 0 | 1 | N | 4 | 5 | E | 3 | 1 | 2 | 1 | SE |
| 0.1 | 1 | N | 5 | 7 | NE | 3 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.5 | 1 | N | 2 | 4 | E | 3 | 2 | 1 | 0 | S |
| 0.5 | 1 | N | 5 | 7 | E | 3 | 2 | 1 | 0 | S |
| 0.5 | 1 | N | 2 | 3 | E | 3 | 2 | 1 | 0 | S |
| 0.5 | 1 | N | 6 | 8 | E | 2 | 2 | 2 | 1 | SE |
| 0.5 | 1 | N | 5 | 7 | E | 3 | 2 | 2 | 1 | SE |
| 0.4 | 1 | N | 4 | 6 | E | 1 | 2 | 2 | 1 | SE |
| 0.4 | 1 | N | 3 | 5 | E | 2 | 2 | 2 | 1 | SE |
| 0.4 | 1 | N | 4 | 6 | E | 2 | 2 | 2 | 1 | SE |
| 0.4 | 3 | N | 5 | 7 | E | 6 | 1 | 1 | 0 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 3 | N | 2 | 4 | E | 5 | 1 | 1 | 0 | S |
| 0.4 | 3 | N | 2 | 4 | E | 3 | 1 | 1 | 0 | S |
| 0.4 | 3 | N | 4 | 6 | E | 2 | 1 | 2 | 1 | SE |
| 0.4 | 3 | N | 4 | 6 | E | 2 | 1 | 2 | 1 | SE |
| 0.4 | 3 | N | 3 | 5 | E | 2 | 1 | 2 | 1 | SE |
| 0.4 | 3 | N | 2 | 4 | E | 2 | 1 | 2 | 1 | SE |
| 0.4 | 3 | N | 4 | 6 | E | 2 | 1 | 2 | 1 | SE |
| 0.1 | 3 | N | 0 | 1 | SE | 3 | 1 | 0 | 0 | SE |
| 0.1 | 3 | N | 0 | 1 | SE | 3 | 1 | 0 | 0 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.2 | 3 | N | 0 | 1 | SE | 3 | 1 | 0 | 0 | SE |
| 0.1 | 3 | N | 1 | 2 | N | 2 | 1 | 2 | 1 | SE |
| -0.1 | 3 | N | 1 | 2 | N | 3 | 1 | 2 | 1 | SE |
| -0.1 | 3 | N | 3 | 4 | N | 1 | 1 | 2 | 1 | SE |
| -0.1 | 2 | N | 2 | 3 | N | 1 | 1 | 2 | 1 | SE |
| -0.1 | 2 | N | 1 | 2 | N | 1 | 1 | 2 | 1 | SE |
| 0 | 1 | N | 0 | 1 | N | 3 | 1 | 1 | 0 | S |
| 0 | 1 | N | 1 | 2 | N | 3 | 1 | 1 | 0 | S |
| 0.3 | 1 | N | 0 | 1 | N | 3 | 1 | 1 | 0 | S |
| 0 | 1 | N | 1 | 2 | N | 3 | 1 | 1 | 0 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.1 | 1 | N | 1 | 2 | NW | 3 | 1 | 1 | 0 | SE |
| 0.1 | 1 | N | 1 | 2 | NW | 2 | 1 | 1 | 0 | SE |
| 0.2 | 1 | N | 1 | 2 | NW | 2 | 1 | 1 | 0 | SE |
| 0.2 | 1 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 | SE |
| 0.5 | 1 | N | 1 | 2 | NW | 3 | 1 | 1 | 0 | S |
| 0.5 | 1 | N | 1 | 2 | NW | 3 | 1 | 1 | 0 | S |
| 0.5 | 1 | N | 4 | 5 | NW | 3 | 1 | 1 | 0 | S |
| 0.5 | 1 | N | 3 | 4 | N | 3 | 1 | 1 | 2 | SE |
| 0.5 | 1 | N | 1 | 2 | N | 3 | 1 | 1 | 2 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 1 | N | 2 | 3 | N | 2 | 1 | 1 | 2 | SE |
| 0.4 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 1 | SE |
| 0.4 | 1 | N | 2 | 3 | N | 3 | 1 | 1 | 2 | SE |
| 0.1 | 3 | N | 3 | 5 | NE | 3 | 1 | 1 | 0 | SE |
| 0.1 | 3 | N | 2 | 4 | NE | 3 | 1 | 1 | 0 | SE |
| 0.1 | 3 | N | 1 | 3 | NE | 3 | 1 | 1 | 0 | SE |
| 0.1 | 3 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 | SE |
| 0.1 | 3 | N | 1 | 3 | N | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.1 | 3 | N | 2 | 4 | N | 1 | 1 | 2 | 1 | SE |
| 0.1 | 3 | N | 2 | 4 | NE | 1 | 1 | 2 | 1 | SE |
| 0.1 | 3 | N | 2 | 4 | N | 2 | 1 | 2 | 1 | SE |
| -0.1 | 1 | N | 2 | 4 | N | 3 | 1 | 1 | 0 | S |
| -0.1 | 1 | N | 3 | 5 | N | 3 | 1 | 1 | 0 | S |
| 0.1 | 1 | N | 2 | 4 | N | 3 | 1 | 1 | 0 | S |
| -0.1 | 1 | N | 4 | 6 | N | 2 | 1 | 2 | 1 | SE |
| -0.1 | 1 | N | 4 | 6 | N | 1 | 1 | 2 | 1 | SE |
| -0.1 | 1 | N | 2 | 4 | N | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| -0.1 | 1 | N | 1 | 3 | N | 2 | 1 | 2 | 1 | SE |
| 0 | 1 | N | 2 | 4 | NE | 2 | 1 | 2 | 1 | SE |
| -0.3 | 1 | N | 2 | 3 | N | 5 | 1 | 1 | 0 | S |
| -0.3 | 1 | N | 1 | 2 | N | 4 | 1 | 1 | 0 | S |
| 0.2 | 1 | N | 4 | 5 | N | 4 | 1 | 1 | 0 | S |
| -0.2 | 1 | N | 4 | 6 | N | 3 | 1 | 1 | 1 | SE |
| -0.2 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 1 | SE |
| 0.2 | 1 | N | 5 | 7 | N | 2 | 1 | 1 | 1 | SE |
| -0.1 | 1 | N | 3 | 5 | N | 2 | 1 | 1 | 1 | SE |
| -0.1 | 1 | N | 2 | 3 | N | 1 | 1 | 1 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.3 | 1 | N | 10 | 12 | NE | 3 | 2 | 2 | 0 | S |
| 0.3 | 1 | N | 11 | 13 | NE | 3 | 2 | 2 | 0 | S |
| 0.5 | 4 | N | 5 | 7 | NE | 3 | 2 | 2 | 0 | S |
| 0.4 | 1 | N | 6 | 8 | NE | 2 | 2 | 3 | 2 | SE |
| 0.4 | 1 | N | 12 | 14 | NE | 3 | 2 | 3 | 2 | SE |
| 0.5 | 4 | N | 12 | 14 | NE | 2 | 2 | 3 | 2 | SE |
| 0.5 | 4 | N | 12 | 14 | NE | 2 | 2 | 3 | 2 | SE |
| 0.5 | 4 | N | 10 | 12 | NE | 2 | 2 | 3 | 2 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.1 | 3 | N | 2 | 3 | NE | 3 | 1 | 1 | 0 | S |
| 0 | 3 | N | 1 | 2 | NE | 3 | 1 | 1 | 0 | S |
| -0.1 | 3 | N | 1 | 2 | NE | 3 | 1 | 1 | 0 | SW |
| 0 | 3 | N | 1 | 2 | NE | 2 | 1 | 1 | 2 | SE |
| 0 | 3 | N | 3 | 4 | NE | 2 | 1 | 1 | 2 | SE |
| 0 | 3 | N | 2 | 3 | NE | 2 | 1 | 1 | 2 | SE |
| 0 | 3 | N | 2 | 3 | NE | 2 | 1 | 1 | 1 | SE |
| -0.1 | 3 | N | 2 | 3 | NE | 2 | 1 | 1 | 1 | SE |
| -0.4 | 1 | N | 2 | 4 | NE | 3 | 1 | 1 | 0 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| -0.4 | 1 | N | 1 | 3 | NE | 3 | 1 | 1 | 0 | S |
| -0.2 | 1 | N | 1 | 3 | N | 3 | 1 | 1 | 0 | S |
| -0.3 | 1 | N | 2 | 4 | NE | 2 | 1 | 2 | 1 | SE |
| -0.3 | 1 | N | 1 | 3 | NE | 2 | 1 | 2 | 1 | SE |
| -0.3 | 1 | N | 1 | 3 | NE | 2 | 1 | 2 | 1 | SE |
| -0.3 | 1 | N | 1 | 3 | NE | 2 | 1 | 2 | 1 | SE |
| -0.3 | 1 | N | 1 | 3 | N | 2 | 1 | 2 | 1 | SE |
| 0.3 | 1 | N | 1 | 3 | N | 3 | 1 | 1 | 0 | S |
| 0.3 | 1 | N | 1 | 3 | N | 3 | 1 | 1 | 0 | S |
| 0.3 | 1 | N | 1 | 3 | N | 3 | 1 | 1 | 0 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.3 | 1 | N | 2 | 4 | N | 2 | 1 | 2 | 1 | SE |
| 0.3 | 1 | N | 3 | 5 | NE | 2 | 1 | 2 | 1 | SE |
| 0.3 | 1 | N | 3 | 5 | NE | 1 | 1 | 2 | 1 | SE |
| 0.3 | 1 | N | 2 | 4 | NE | 1 | 1 | 2 | 1 | SE |
| 0.3 | 1 | N | 5 | 7 | NE | 2 | 1 | 2 | 1 | SE |
| 0.3 | 3 | N | 13 | 16 | E | 3 | 1 | 2 | 0 | S |
| 0.3 | 3 | N | 10 | 12 | E | 3 | 1 | 1 | 0 | S |
| 0.2 | 3 | N | 11 | 12 | E | 2 | 1 | 1 | 0 | S |
| 0.3 | 3 | N | 10 | 12 | E | 3 | 1 | 3 | 2 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.3 | 3 | N | 10 | 12 | E | 3 | 1 | 3 | 2 | SE |
| 0.2 | 3 | N | 4 | 6 | E | 2 | 1 | 2 | 1 | SE |
| 0.2 | 3 | N | 4 | 5 | E | 2 | 1 | 2 | 1 | SE |
| 0.2 | 3 | N | 7 | 10 | E | 1 | 1 | 2 | 1 | SE |
| -0.1 | 2 | N | 12 | 13 | E | 3 | 1 | 1 | 0 | NE |
| -0.1 | 2 | N | 6 | 8 | E | 3 | 1 | 1 | 0 | NE |
| -0.1 | 3 | N | 8 | 10 | E | 3 | 1 | 1 | 0 | NE |
| -0.1 | 3 | N | 10 | 12 | E | 2 | 1 | 2 | 1 | SE |
| -0.1 | 3 | N | 9 | 11 | E | 2 | 1 | 2 | 1 | SE |

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|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 3 | N | 14 | 17 | E | 2 | 1 | 2 | 1 | SE |
| 0 | 3 | N | 9 | 12 | E | 2 | 1 | 2 | 1 | SE |
| 0 | 3 | N | 9 | 11 | E | 2 | 1 | 2 | 1 | SE |
| -0.1 | 1 | N | 3 | 4 | NE | 3 | 1 | 1 | 0 | NE |
| -0.1 | 1 | N | 8 | 9 | NE | 3 | 1 | 1 | 0 | SE |
| 0.1 | 1 | N | 8 | 9 | NE | 3 | 1 | 1 | 0 | SE |
| -0.1 | 1 | N | 7 | 8 | NE | 2 | 1 | 2 | 1 | SE |
| -0.1 | 1 | N | 7 | 8 | NE | 2 | 1 | 2 | 1 | SE |
| 0 | 1 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | SE |

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|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 | SE |
| 0 | 1 | N | 7 | 8 | NE | 2 | 1 | 2 | 1 | SE |
| 0.3 | 1 | N | 5 | 7 | NE | 6 | 1 | 1 | 0 | S |
| 0.4 | 1 | N | 6 | 8 | NE | 6 | 1 | 1 | 0 | S |
| 0.5 | 1 | N | 6 | 8 | NE | 4 | 2 | 1 | 0 | S |
| 0.4 | 1 | N | 5 | 7 | NE | 3 | 1 | 2 | 1 | SE |
| 0.4 | 1 | N | 8 | 10 | NE | 2 | 1 | 2 | 1 | SE |
| 0.4 | 1 | N | 8 | 10 | NE | 2 | 5 | 2 | 1 | SE |

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|---|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 1 | N | 3 | 5 | SE | 2 | 5 | 2 | 1 | SE |
| 0.4 | 1 | N | 10 | 12 | NE | 2 | 2 | 2 | 1 | SE |
| 0.8 | 3 | N | 8 | 10 | NE | 3 | 1 | 1 | 0 | S |
| 0.8 | 3 | N | 10 | 12 | NE | 3 | 1 | 1 | 0 | S |
| 0.2 | 3 | N | 3 | 5 | NE | 3 | 1 | 1 | 0 | S |
| 0.7 | 3 | N | 8 | 10 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 3 | N | 12 | 14 | NE | 3 | 1 | 2 | 1 | SE |
| 0.5 | 3 | N | 7 | 9 | NE | 2 | 1 | 2 | 1 | SE |
| 0.5 | 3 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 | SE |
| 0.3 | 3 | N | 6 | 8 | NE | 1 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| -0.3 | 3 | N | 3 | 5 | N | 3 | 1 | 1 | 0 | S |
| -0.3 | 3 | N | 3 | 5 | N | 3 | 1 | 1 | 0 | S |
| -0.4 | 2 | N | 6 | 8 | NE | 3 | 1 | 1 | 0 | S |
| -0.4 | 3 | N | 6 | 8 | NE | 2 | 1 | 2 | 1 | SE |
| -0.4 | 3 | N | 6 | 8 | NE | 2 | 1 | 2 | 1 | SE |
| -0.4 | 3 | N | 5 | 7 | NE | 2 | 1 | 2 | 1 | SE |
| -0.4 | 2 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 | SE |
| -0.4 | 2 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.1 | 1 | N | 7 | 9 | NE | 3 | 1 | 1 | 0 | S |
| 0.1 | 1 | N | 6 | 8 | NE | 3 | 1 | 1 | 0 | S |
| 0.2 | 1 | N | 6 | 8 | NE | 3 | 1 | 1 | 0 | S |
| 0.1 | 1 | N | 6 | 8 | NE | 2 | 1 | 2 | 1 | SE |
| 0.1 | 1 | N | 3 | 5 | NE | 3 | 1 | 2 | 1 | SE |
| 0.1 | 1 | N | 11 | 13 | NE | 2 | 5 | 2 | 1 | SE |
| 0 | 1 | N | 8 | 10 | NE | 2 | 1 | 2 | 1 | SE |
| 0 | 1 | N | 7 | 9 | NE | 1 | 1 | 2 | 1 | SE |
| 0.7 | 3 | N | 3 | 6 | NE | 3 | 1 | 1 | 0 | S |

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|---|---|---|---|---|---|---|---|---|---|---|
| 0.7 | 3 | N | 10 | 12 | NE | 3 | 1 | 1 | 0 | S |
| 0.7 | 3 | N | 3 | 5 | E | 3 | 1 | 1 | 0 | S |
| 0.7 | 3 | N | 8 | 11 | NE | 3 | 1 | 2 | 2 | SE |
| 0.7 | 3 | N | 4 | 6 | NE | 3 | 1 | 2 | 2 | SE |
| 0.7 | 3 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 3 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 3 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 | SE |
| 0.5 | 3 | N | 9 | 11 | NE | 3 | 1 | 1 | 0 | S |
| 0.5 | 3 | N | 6 | 8 | NE | 3 | 1 | 1 | 0 | S |
| 0.2 | 3 | N | 2 | 4 | NE | 3 | 1 | 1 | 0 | S |

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|---|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 3 | N | 9 | 10 | NE | 2 | 1 | 2 | 1 | SE |
| 0.4 | 3 | N | 6 | 7 | NE | 3 | 1 | 2 | 1 | SE |
| 0.3 | 3 | N | 9 | 11 | NE | 2 | 1 | 2 | 1 | SE |
| 0.3 | 3 | N | 6 | 10 | NE | 2 | 1 | 2 | 1 | SE |
| 0.3 | 3 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | SE |
| -0.1 | 3 | N | 8 | 9 | E | 3 | 1 | 1 | 0 | SE |
| -0.1 | 3 | N | 2 | 3 | E | 3 | 1 | 1 | 0 | SE |
| -0.2 | 2 | N | 7 | 8 | E | 3 | 1 | 1 | 0 | SE |
| -0.2 | 3 | N | 9 | 10 | E | 2 | 1 | 2 | 1 | SE |

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|---|---|---|---|---|---|---|---|---|---|---|
| -0.2 | 3 | N | 7 | 8 | E | 2 | 1 | 2 | 1 | SE |
| -0.2 | 3 | N | 5 | 6 | E | 2 | 1 | 2 | 1 | SE |
| -0.2 | 2 | N | 5 | 6 | E | 2 | 1 | 2 | 1 | SE |
| -0.2 | 2 | N | 5 | 6 | E | 2 | 1 | 2 | 1 | SE |
| 0.3 | 1 | N | 10 | 12 | NE | 3 | 1 | 1 | 0 | S |
| 0.3 | 1 | N | 5 | 7 | NE | 3 | 1 | 1 | 0 | S |
| 0.5 | 1 | N | 4 | 6 | NE | 3 | 1 | 1 | 0 | S |
| 0.3 | 1 | N | 7 | 9 | NE | 2 | 1 | 2 | 1 | SE |
| 0.4 | 1 | N | 9 | 11 | NE | 3 | 1 | 2 | 1 | SE |

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|---|---|---|---|---|---|---|---|---|---|---|
| 0.5 | 1 | N | 5 | 7 | NE | 2 | 1 | 2 | 1 | SE |
| 0.4 | 1 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 | SE |
| 0.4 | 1 | N | 4 | 6 | NW | 2 | 5 | 2 | 1 | SE |
| 0.9 | 3 | N | 8 | 10 | NE | 3 | 1 | 1 | 0 | S |
| 0.9 | 3 | N | 10 | 12 | NE | 3 | 1 | 1 | 0 | S |
| 0.9 | 3 | N | 5 | 7 | NE | 3 | 1 | 1 | 0 | S |
| 1 | 3 | N | 10 | 12 | NE | 2 | 1 | 2 | 2 | SE |
| 1 | 3 | N | 5 | 8 | NE | 3 | 1 | 2 | 2 | SE |
| 1 | 3 | N | 8 | 10 | NE | 2 | 1 | 2 | 2 | SE |

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|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3 | N | 8 | 10 | E | 2 | 5 | 2 | 2 | SE |
| 1 | 3 | N | 9 | 11 | E | 2 | 5 | 2 | 2 | SE |
| 0.1 | 3 | N | 10 | 12 | NE | 3 | 1 | 1 | 0 | S |
| 0.1 | 3 | N | 8 | 10 | NE | 3 | 1 | 1 | 0 | S |
| -0.1 | 3 | N | 3 | 5 | NE | 3 | 1 | 1 | 0 | S |
| 0 | 3 | N | 8 | 10 | NE | 2 | 1 | 2 | 1 | SE |
| 0 | 3 | N | 7 | 9 | NE | 3 | 1 | 2 | 1 | SE |
| -0.1 | 3 | N | 5 | 7 | NE | 2 | 1 | 2 | 1 | SE |
| -0.1 | 3 | N | 7 | 9 | NE | 2 | 1 | 2 | 1 | SE |

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|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 3 | N | 5 | 7 | NE | 3 | 1 | 2 | 1 | SE |
| -0.1 | 1 | N | 5 | 7 | NE | 3 | 1 | 1 | 0 | S |
| -0.1 | 1 | N | 3 | 5 | NE | 3 | 1 | 1 | 0 | S |
| 0 | 1 | N | 3 | 4 | NE | 3 | 1 | 1 | 0 | S |
| -0.1 | 1 | N | 2 | 3 | NE | 2 | 1 | 1 | 1 | SE |
| -0.1 | 1 | N | 2 | 4 | NE | 2 | 1 | 1 | 1 | SE |
| -0.1 | 1 | N | 0 | 1 | NE | 3 | 1 | 1 | 1 | SE |
| 0 | 1 | N | 1 | 2 | NE | 3 | 1 | 1 | 1 | SE |
| 0 | 1 | N | 2 | 3 | NE | 2 | 1 | 1 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.9 | 1 | N | 9 | 10 | NE | 3 | 1 | 1 | 0 | SE |
| 0.9 | 1 | N | 6 | 7 | E | 3 | 1 | 1 | 0 | SE |
| 1 | 4 | N | 6 | 7 | NE | 3 | 1 | 1 | 0 | SE |
| 0.9 | 1 | N | 9 | 11 | NE | 3 | 1 | 3 | 1 | SE |
| 1 | 1 | N | 12 | 14 | NE | 3 | 1 | 3 | 2 | SE |
| 1 | 1 | N | 10 | 14 | E | 2 | 1 | 3 | 2 | SE |
| 1 | 1 | N | 8 | 9 | NE | 2 | 1 | 1 | 1 | SE |
| 1 | 1 | N | 6 | 8 | NE | 2 | 1 | 2 | 1 | SE |

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|---|---|---|---|---|---|---|---|---|---|---|
| 0.9 | 3 | N | 9 | 11 | NE | 3 | 5 | 1 | 0 | S |
| 0.9 | 3 | N | 5 | 7 | NE | 3 | 1 | 1 | 0 | S |
| 0.9 | 3 | N | 2 | 5 | NE | 3 | 1 | 1 | 0 | S |
| 0.9 | 3 | N | 6 | 8 | NE | 3 | 1 | 2 | 1 | SE |
| 1 | 3 | N | 5 | 8 | NE | 3 | 1 | 2 | 1 | SE |
| 1 | 3 | N | 11 | 13 | NE | 2 | 1 | 2 | 1 | SE |
| 1 | 3 | N | 10 | 13 | NE | 2 | 1 | 2 | 1 | SE |
| 1.1 | 3 | N | 6 | 8 | NE | 2 | 5 | 2 | 1 | SE |
| 0.6 | 3 | N | 0 | 1 | NE | 3 | 1 | 0 | 0 | SE |
| 0.5 | 3 | N | 0 | 1 | NE | 3 | 1 | 1 | 0 | SE |

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|---|---|---|---|---|---|---|---|---|---|---|
| 0.7 | 3 | N | 0 | 1 | NE | 3 | 1 | 1 | 0 | SE |
| 0.5 | 3 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 | SE |
| 0.2 | 3 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 | SE |
| 0.2 | 3 | N | 0 | 1 | NE | 2 | 0 | 1 | 0 | SE |
| 0 | 3 | N | 0 | 1 | NE | 2 | 0 | 1 | 0 | SE |
| 0 | 3 | N | 0 | 1 | NE | 2 | 0 | 1 | 0 | SE |
| 0.1 | 1 | N | 4 | 5 | NE | 3 | 1 | 1 | 0 | SE |
| 3 | 1 | N | 6 | 7 | NE | 3 | 1 | 1 | 0 | SE |
| 0.4 | 1 | N | 2 | 3 | NE | 3 | 1 | 1 | 0 | SE |

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|---|---|---|---|---|---|---|---|---|---|---|
| 0.1 | 1 | N | 7 | 8 | NE | 2 | 1 | 1 | 0 | SE |
| 0.2 | 1 | N | 5 | 6 | NE | 2 | 1 | 1 | 0 | SE |
| 0.2 | 1 | N | 5 | 6 | NE | 2 | 1 | 1 | 0 | SE |
| 0.3 | 1 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 | SE |
| 0.3 | 1 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 | SE |
| 1.5 | 3 | N | 3 | 5 | NE | 3 | 1 | 1 | 0 | S |
| 1.5 | 3 | N | 4 | 6 | E | 3 | 1 | 1 | 0 | S |
| 1.5 | 4 | N | 3 | 4 | E | 3 | 1 | 1 | 0 | S |
| 1.5 | 3 | N | 5 | 8 | E | 3 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.5 | 3 | N | 8 | 10 | E | 3 | 1 | 2 | 1 | SE |
| 1.5 | 3 | N | 9 | 12 | E | 2 | 1 | 2 | 1 | SE |
| 1.5 | 4 | N | 2 | 4 | E | 2 | 1 | 2 | 1 | SE |
| 1.5 | 4 | N | 3 | 5 | E | 2 | 1 | 2 | 1 | SE |
| 0.8 | 3 | N | 12 | 14 | NE | 3 | 1 | 1 | 0 | S |
| 0.7 | 3 | N | 12 | 14 | NE | 3 | 1 | 1 | 0 | S |
| 0.5 | 3 | N | 13 | 15 | NE | 3 | 1 | 1 | 0 | S |
| 0.7 | 3 | N | 13 | 15 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 3 | N | 12 | 14 | NE | 2 | 1 | 2 | 1 | SE |

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|---|---|---|---|---|---|---|---|---|---|---|
| 0.6 | 3 | N | 8 | 10 | NE | 1 | 1 | 2 | 1 | SE |
| 0.6 | 3 | N | 6 | 8 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 3 | N | 10 | 12 | NE | 2 | 1 | 2 | 1 | SE |
| -0.1 | 2 | N | 10 | 11 | NE | 3 | 1 | 1 | 0 | SE |
| -0.1 | 2 | N | 10 | 11 | NE | 3 | 1 | 1 | 0 | SE |
| 0.1 | 1 | N | 5 | 6 | NE | 3 | 1 | 1 | 0 | SE |
| -0.1 | 2 | N | 9 | 10 | NE | 3 | 1 | 2 | 1 | SE |
| -0.1 | 1 | N | 7 | 8 | NE | 3 | 1 | 1 | 0 | SE |
| -0.1 | 1 | N | 3 | 4 | NE | 1 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | N | 8 | 9 | NE | 2 | 1 | 2 | 1 | SE |
| 0.1 | 1 | N | 9 | 10 | NE | 1 | 1 | 2 | 1 | SE |
| 0.9 | 1 | N | 15 | 16 | NE | 3 | 1 | 1 | 0 | SE |
| 0.9 | 1 | N | 6 | 7 | NE | 3 | 1 | 1 | 0 | SE |
| 1.1 | 1 | N | 7 | 8 | NE | 3 | 1 | 1 | 0 | SE |
| 0.9 | 1 | N | 9 | 10 | NE | 3 | 1 | 2 | 1 | SE |
| 1 | 1 | N | 7 | 8 | NE | 3 | 1 | 2 | 1 | SE |
| 1 | 1 | N | 9 | 10 | NE | 2 | 1 | 2 | 1 | SE |
| 1 | 1 | N | 10 | 11 | NE | 2 | 1 | 1 | 0 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.1 | 1 | N | 10 | 11 | NE | 2 | 1 | 1 | 0 | SE |
| 1.5 | 3 | N | 6 | 7 | NE | 3 | 1 | 1 | 0 | SE |
| 1.5 | 3 | N | 8 | 9 | NE | 3 | 1 | 1 | 0 | SE |
| 1.4 | 3 | N | 3 | 4 | NE | 3 | 0 | 1 | 0 | SE |
| 1.5 | 3 | N | 3 | 4 | NE | 3 | 1 | 1 | 0 | SE |
| 1.5 | 3 | N | 5 | 6 | NE | 3 | 1 | 2 | 1 | SE |
| 1.5 | 3 | N | 9 | 10 | NE | 2 | 1 | 2 | 1 | SE |
| 1.5 | 3 | N | 6 | 7 | NE | 2 | 1 | 2 | 1 | SE |
| 1.4 | 3 | N | 3 | 4 | NE | 2 | 1 | 1 | 0 | SE |

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|---|---|---|---|---|---|---|---|---|---|---|
| 0.6 | 3 | N | 4 | 5 | NE | 3 | 1 | 0 | 0 | SE |
| 0.6 | 3 | N | 3 | 4 | NE | 3 | 1 | 0 | 0 | SE |
| 0.5 | 3 | N | 6 | 7 | NE | 3 | 1 | 0 | 0 | SE |
| 0.6 | 3 | N | 6 | 7 | NE | 3 | 1 | 0 | 0 | SE |
| 0.5 | 3 | N | 2 | 3 | NE | 3 | 1 | 0 | 0 | SE |
| 0.5 | 3 | N | 4 | 5 | NE | 3 | 1 | 0 | 0 | SE |
| 0.5 | 3 | N | 0 | 1 | NE | 3 | 1 | 0 | 0 | SE |
| 0.5 | 3 | N | 1 | 2 | NE | 3 | 1 | 0 | 0 | SE |

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|---|---|---|---|---|---|---|---|---|---|---|
| 0.1 | 1 | N | 4 | 6 | NE | 3 | 1 | 1 | 0 | S |
| 0.1 | 1 | N | 5 | 7 | N | 3 | 1 | 1 | 0 | S |
| 0.2 | 1 | N | 2 | 4 | N | 3 | 1 | 1 | 0 | S |
| 0.1 | 1 | N | 5 | 7 | N | 2 | 1 | 2 | 1 | SE |
| 0.1 | 1 | N | 3 | 5 | NE | 2 | 1 | 2 | 1 | SE |
| 0.2 | 1 | N | 5 | 7 | N | 2 | 1 | 2 | 1 | SE |
| 0.2 | 1 | N | 2 | 4 | N | 2 | 1 | 2 | 1 | SE |
| 0.2 | 1 | N | 3 | 5 | E | 2 | 1 | 2 | 1 | SE |
| 1.5 | 1 | N | 1 | 3 | NE | 3 | 1 | 1 | 0 | S |
| 1.4 | 1 | N | 2 | 4 | E | 3 | 1 | 1 | 1 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.5 | 1 | N | 1 | 3 | E | 3 | 1 | 1 | 1 | S |
| 1.6 | 1 | N | 3 | 4 | E | 3 | 1 | 2 | 2 | SE |
| 1.6 | 1 | N | 3 | 5 | E | 3 | 1 | 2 | 2 | SE |
| 1.7 | 1 | N | 4 | 6 | E | 3 | 1 | 2 | 2 | SE |
| 1.7 | 1 | N | 3 | 5 | E | 3 | 1 | 1 | 2 | SE |
| 1.7 | 1 | N | 1 | 2 | E | 3 | 1 | 1 | 2 | SE |
| 1.5 | 3 | N | 0 | 1 | NE | 3 | 1 | 1 | 0 | S |
| 1.5 | 3 | N | 1 | 2 | NE | 3 | 1 | 1 | 0 | S |
| 1.1 | 3 | N | 3 | 5 | NE | 3 | 1 | 1 | 0 | S |
| 1.4 | 3 | N | 1 | 3 | NE | 3 | 1 | 1 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.4 | 3 | N | 5 | 7 | NE | 2 | 1 | 1 | 1 | SE |
| 1.2 | 3 | N | 3 | 5 | NE | 2 | 1 | 1 | 1 | SE |
| 1.3 | 3 | N | 1 | 2 | NE | 2 | 1 | 1 | 1 | SE |
| 1.3 | 3 | N | 3 | 4 | NE | 2 | 1 | 1 | 1 | SE |
| 0.2 | 1 | N | 0 | 1 | N | 3 | 0 | 1 | 0 | S |
| 0.2 | 2 | N | 0 | 1 | N | 3 | 0 | 1 | 0 | S |
| 0.2 | 1 | N | 0 | 1 | N | 3 | 0 | 1 | 0 | S |
| 0.2 | 2 | N | 1 | 2 | N | 3 | 0 | 1 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.2 | 2 | N | 1 | 2 | N | 2 | 0 | 1 | 1 | SE |
| 0.2 | 2 | N | 0 | 1 | N | 1 | 0 | 1 | 1 | SE |
| 0.2 | 3 | N | 0 | 1 | N | 2 | 0 | 1 | 1 | SE |
| 0.2 | 3 | N | 0 | 1 | N | 2 | 0 | 1 | 1 | SE |
| 0.4 | 1 | N | 0 | 1 | NE | 3 | 1 | 0 | 0 | SE |
| 0.5 | 1 | N | 4 | 5 | NE | 3 | 1 | 1 | 0 | SE |
| 1 | 1 | N | 3 | 4 | NE | 3 | 1 | 1 | 0 | SE |
| 0.4 | 1 | N | 2 | 3 | NE | 3 | 1 | 2 | 1 | SE |
| 0.6 | 1 | N | 4 | 5 | NE | 3 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.6 | 1 | N | 0 | 1 | NE | 2 | 1 | 2 | 1 | SE |
| 0.8 | 1 | N | 4 | 5 | NE | 3 | 1 | 2 | 1 | SE |
| 0.8 | 1 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | SE |
| 1.6 | 1 | N | 7 | 9 | NE | 3 | 1 | 1 | 0 | S |
| 1.6 | 1 | N | 2 | 3 | NE | 3 | 1 | 1 | 0 | S |
| 1.8 | 1 | N | 3 | 5 | E | 3 | 1 | 1 | 0 | S |
| 1.6 | 1 | N | 2 | 3 | NE | 3 | 1 | 2 | 1 | SE |
| 1.6 | 1 | N | 5 | 7 | NE | 3 | 1 | 2 | 1 | SE |
| 1.7 | 1 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.7 | 1 | N | 5 | 7 | E | 2 | 1 | 2 | 1 | SE |
| 1.7 | 1 | N | 5 | 7 | NE | 2 | 1 | 2 | 1 | SE |
| 1.2 | 3 | N | 3 | 4 | E | 3 | 1 | 1 | 0 | S |
| 1.2 | 3 | N | 2 | 4 | E | 3 | 1 | 1 | 0 | S |
| 1.1 | 3 | N | 3 | 5 | NE | 3 | 1 | 1 | 0 | S |
| 1.2 | 3 | N | 5 | 7 | NE | 3 | 1 | 2 | 1 | SE |
| 1.2 | 3 | N | 3 | 4 | NE | 3 | 1 | 2 | 1 | SE |
| 1.3 | 3 | N | 5 | 8 | E | 2 | 1 | 2 | 1 | SE |
| 1.3 | 3 | N | 3 | 4 | E | 3 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.4 | 3 | N | 2 | 4 | E | 3 | 1 | 2 | 1 | SE |
| 0.1 | 1 | N | 3 | 4 | NE | 3 | 1 | 0 | 0 | SE |
| 0.1 | 1 | N | 2 | 3 | NE | 3 | 1 | 1 | 0 | SE |
| 0.3 | 1 | N | 3 | 4 | NE | 3 | 0 | 0 | 0 | SE |
| 0.1 | 1 | N | 3 | 4 | NE | 2 | 1 | 1 | 0 | SE |
| 0.1 | 1 | N | 7 | 8 | NE | 1 | 1 | 1 | 0 | SE |
| 0.1 | 1 | N | 1 | 2 | NE | 1 | 1 | 1 | 0 | SE |
| 0.2 | 1 | N | 3 | 4 | NE | 1 | 1 | 1 | 0 | SE |
| 0.2 | 1 | N | 2 | 3 | NE | 1 | 0 | 1 | 0 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.5 | 1 | N | 1 | 2 | NE | 3 | 1 | 1 | 0 | S |
| 1.5 | 1 | N | 1 | 3 | NE | 3 | 1 | 1 | 0 | S |
| 1.6 | 1 | N | 0 | 1 | N | 3 | 1 | 0 | 0 | S |
| 1.3 | 1 | N | 2 | 4 | NE | 2 | 1 | 1 | 1 | SE |
| 1.3 | 1 | N | 0 | 2 | E | 2 | 1 | 1 | 1 | SE |
| 1.2 | 1 | N | 0 | 2 | E | 2 | 1 | 1 | 1 | SE |
| 1.2 | 1 | N | 1 | 3 | E | 2 | 1 | 1 | 1 | SE |
| 1.1 | 1 | N | 4 | 6 | E | 2 | 1 | 1 | 1 | SE |
| 2.1 | 3 | N | 3 | 4 | NE | 3 | 1 | 1 | 0 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2.1 | 3 | N | 1 | 2 | NE | 3 | 1 | 1 | 0 | SE |
| 1.9 | 3 | N | 1 | 2 | NE | 3 | 1 | 1 | 0 | SE |
| 2.1 | 3 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | SE |
| 2.1 | 3 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | SE |
| 2.1 | 3 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 | SE |
| 2 | 3 | N | 2 | 3 | NE | 2 | 1 | 2 | 1 | SE |
| 2 | 3 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 | SE |
| 0.5 | 3 | N | 3 | 5 | NE | 3 | 5 | 1 | 0 | S |
| 0.5 | 3 | N | 9 | 11 | NE | 3 | 5 | 1 | 0 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.5 | 3 | N | 5 | 7 | NE | 3 | 1 | 1 | 0 | S |
| 0.6 | 3 | N | 13 | 15 | E | 5 | 2 | 3 | 2 | SE |
| 0.5 | 3 | N | 13 | 15 | E | 2 | 2 | 3 | 2 | SE |
| 0.6 | 3 | N | 8 | 10 | E | 2 | 2 | 3 | 2 | SE |
| 0.6 | 3 | N | 7 | 9 | E | 2 | 2 | 3 | 2 | SE |
| 0.6 | 3 | N | 9 | 11 | NE | 2 | 5 | 3 | 2 | SE |
| 0.6 | 1 | N | 10 | 11 | NE | 3 | 1 | 1 | 0 | NE |
| 0.6 | 1 | N | 4 | 5 | NE | 3 | 1 | 1 | 0 | SE |
| 1 | 1 | N | 8 | 9 | NE | 3 | 1 | 1 | 0 | S |
| 0.7 | 1 | N | 7 | 8 | E | 2 | 1 | 3 | 2 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.7 | 1 | N | 5 | 6 | E | 1 | 1 | 3 | 2 | SE |
| 0.8 | 1 | N | 6 | 7 | E | 2 | 1 | 3 | 2 | SE |
| 0.9 | 1 | N | 4 | 5 | E | 1 | 1 | 2 | 1 | SE |
| 0.9 | 1 | N | 9 | 10 | NE | 1 | 1 | 2 | 1 | SE |
| 1.8 | 1 | N | 3 | 5 | E | 3 | 5 | 1 | 0 | S |
| 1.7 | 1 | N | 3 | 6 | E | 3 | 5 | 1 | 0 | S |
| 1.8 | 1 | N | 3 | 5 | NE | 3 | 5 | 1 | 0 | S |
| 1.7 | 1 | N | 3 | 5 | NE | 2 | 1 | 2 | 1 | SE |
| 1.6 | 1 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.6 | 1 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 | SE |
| 1.5 | 1 | N | 1 | 2 | NE | 2 | 1 | 0 | 0 | SE |
| 1.5 | 1 | N | 1 | 2 | NE | 2 | 1 | 0 | 0 | SE |
| 1.8 | 1 | N | 0 | 1 | NE | 3 | 1 | 1 | 0 | SE |
| 1.8 | 1 | N | 2 | 3 | NE | 3 | 1 | 1 | 0 | SE |
| 1.8 | 1 | N | 1 | 2 | NE | 3 | 1 | 1 | 0 | SE |
| 1.8 | 1 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 | SE |
| 1.8 | 3 | N | 4 | 5 | NE | 2 | 1 | 1 | 0 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.8 | 3 | N | 7 | 8 | NE | 2 | 1 | 1 | 0 | SE |
| 1.8 | 3 | N | 3 | 4 | NE | 2 | 1 | 1 | 0 | SE |
| 1.8 | 3 | N | 4 | 5 | NE | 2 | 1 | 1 | 0 | SE |
| 0.5 | 3 | N | 1 | 2 | N | 3 | 1 | 0 | 0 | SE |
| 0.5 | 3 | N | 3 | 4 | N | 3 | 1 | 1 | 0 | SE |
| 0.4 | 3 | N | 2 | 3 | N | 3 | 1 | 0 | 0 | SE |
| 0.5 | 3 | N | 2 | 3 | N | 2 | 1 | 1 | 0 | SE |
| 0.5 | 3 | N | 4 | 5 | N | 2 | 1 | 1 | 0 | SE |
| 0.5 | 3 | N | 4 | 5 | N | 2 | 1 | 1 | 0 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.5 | 3 | N | 1 | 2 | N | 2 | 1 | 1 | 0 | SE |
| 0.4 | 3 | N | 0 | 1 | NE | 1 | 1 | 1 | 0 | SE |
| 1.4 | 1 | N | 7 | 9 | NE | 3 | 1 | 1 | 0 | S |
| 1.4 | 1 | N | 7 | 8 | E | 3 | 1 | 1 | 0 | S |
| 1.4 | 1 | N | 6 | 7 | NE | 3 | 1 | 1 | 0 | S |
| 1.3 | 1 | N | 6 | 7 | NE | 3 | 1 | 2 | 1 | SE |
| 1.3 | 1 | N | 7 | 8 | E | 2 | 1 | 2 | 1 | SE |
| 1.2 | 1 | N | 8 | 9 | E | 2 | 1 | 2 | 1 | SE |
| 1.2 | 1 | N | 5 | 6 | E | 2 | 1 | 2 | 1 | SE |
| 1.1 | 1 | N | 3 | 4 | E | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2.3 | 1 | N | 2 | 4 | NE | 3 | 1 | 1 | 0 | S |
| 2.4 | 1 | N | 4 | 6 | NE | 3 | 1 | 1 | 0 | S |
| 2.4 | 3 | N | 6 | 8 | NE | 3 | 1 | 1 | 0 | S |
| 2.4 | 4 | N | 2 | 4 | NE | 2 | 1 | 2 | 1 | SE |
| 2.4 | 4 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 | SE |
| 2.4 | 4 | N | 4 | 6 | NE | 2 | 1 | 2 | 1 | SE |
| 2.4 | 4 | N | 1 | 3 | NE | 1 | 1 | 2 | 1 | SE |
| 2.4 | 4 | N | 6 | 8 | NE | 1 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.5 | 3 | N | 3 | 5 | NE | 3 | 1 | 1 | 0 | S |
| 1.5 | 3 | N | 9 | 11 | E | 3 | 1 | 1 | 0 | S |
| 1 | 3 | N | 2 | 4 | E | 3 | 1 | 1 | 0 | S |
| 1.4 | 3 | N | 10 | 12 | E | 3 | 1 | 2 | 1 | SE |
| 1.5 | 3 | N | 10 | 12 | E | 3 | 1 | 2 | 1 | SE |
| 1.1 | 3 | N | 5 | 7 | E | 2 | 1 | 2 | 1 | SE |
| 1.3 | 3 | N | 5 | 7 | NE | 2 | 1 | 2 | 1 | SE |
| 1.2 | 3 | N | 5 | 7 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 1 | N | 11 | 14 | E | 3 | 1 | 1 | 0 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.6 | 1 | N | 8 | 9 | E | 3 | 1 | 1 | 0 | S |
| 0.7 | 1 | N | 7 | 9 | E | 3 | 1 | 1 | 0 | S |
| 0.6 | 1 | N | 6 | 8 | E | 2 | 1 | 2 | 1 | SE |
| 0.6 | 1 | N | 5 | 6 | E | 2 | 1 | 2 | 1 | SE |
| 0.6 | 1 | N | 2 | 4 | E | 2 | 1 | 2 | 1 | SE |
| 0.5 | 1 | N | 4 | 6 | E | 2 | 1 | 2 | 1 | SE |
| 0.5 | 1 | N | 7 | 9 | E | 2 | 1 | 2 | 1 | SE |
| 1.2 | 1 | N | 10 | 12 | E | 3 | 1 | 1 | 0 | S |
| 1.2 | 1 | N | 11 | 13 | E | 3 | 1 | 1 | 0 | S |
| 0.9 | 1 | N | 6 | 9 | E | 3 | 5 | 1 | 0 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.1 | 1 | N | 10 | 13 | NE | 2 | 1 | 2 | 2 | SE |
| 1.1 | 1 | N | 5 | 7 | E | 2 | 1 | 2 | 2 | SE |
| 1.1 | 1 | N | 7 | 9 | E | 2 | 1 | 2 | 2 | SE |
| 1 | 1 | N | 8 | 10 | E | 2 | 1 | 2 | 2 | SE |
| 1 | 1 | N | 13 | 15 | E | 2 | 1 | 2 | 2 | SE |
| 2.1 | 3 | N | 2 | 4 | NW | 3 | 1 | 1 | 0 | S |
| 2.1 | 3 | N | 3 | 4 | N | 3 | 1 | 1 | 0 | S |
| 2.1 | 1 | N | 3 | 4 | NW | 3 | 1 | 1 | 0 | S |
| 2.1 | 4 | N | 4 | 5 | N | 2 | 1 | 1 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2.1 | 4 | N | 3 | 4 | N | 2 | 1 | 1 | 1 | SE |
| 2.1 | 1 | N | 4 | 6 | N | 2 | 1 | 1 | 1 | SE |
| 2.1 | 1 | N | 3 | 4 | N | 2 | 1 | 1 | 1 | SE |
| 2.1 | 1 | N | 1 | 2 | N | 2 | 1 | 1 | 0 | S |
| 1.3 | 3 | N | 12 | 14 | NE | 3 | 1 | 1 | 0 | S |
| 1.3 | 3 | N | 12 | 14 | NE | 3 | 1 | 1 | 0 | S |
| 1 | 3 | N | 9 | 11 | NE | 3 | 2 | 1 | 0 | S |
| 1.2 | 3 | N | 9 | 11 | NE | 2 | 1 | 2 | 1 | SE |
| 1.1 | 3 | N | 8 | 10 | NE | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.1 | 3 | N | 12 | 14 | NE | 2 | 1 | 2 | 1 | SE |
| 1.1 | 3 | N | 7 | 9 | NE | 2 | 1 | 2 | 1 | SE |
| 1.1 | 3 | N | 10 | 12 | NE | 1 | 2 | 2 | 1 | SE |
| 0.5 | 1 | N | 8 | 9 | NE | 3 | 1 | 1 | 0 | SE |
| 0.6 | 1 | N | 12 | 13 | NE | 3 | 1 | 1 | 0 | SE |
| 0.9 | 1 | N | 6 | 7 | NE | 3 | 1 | 1 | 0 | SE |
| 0.6 | 1 | N | 14 | 15 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 1 | N | 6 | 7 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 1 | N | 8 | 9 | NE | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.8 | 1 | N | 9 | 10 | NE | 2 | 1 | 2 | 1 | SE |
| 0.8 | 1 | N | 16 | 17 | NE | 2 | 1 | 2 | 1 | SE |
| 2.1 | 1 | N | 7 | 9 | NE | 3 | 1 | 1 | 0 | S |
| 2.1 | 1 | N | 8 | 10 | NE | 3 | 1 | 2 | 1 | S |
| 2.4 | 1 | N | 9 | 11 | NE | 3 | 1 | 2 | 1 | S |
| 2.2 | 1 | N | 11 | 13 | NE | 2 | 1 | 2 | 1 | SE |
| 2.2 | 1 | N | 10 | 12 | NE | 2 | 1 | 2 | 1 | SE |
| 2.3 | 1 | N | 9 | 11 | NE | 1 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2.3 | 1 | N | 11 | 13 | NE | 1 | 1 | 2 | 1 | SE |
| 2.3 | 1 | N | 10 | 12 | NE | 1 | 1 | 2 | 1 | SE |
| 1.6 | 3 | N | 1 | 2 | W | 3 | 1 | 1 | 0 | S |
| 1.6 | 3 | N | 1 | 3 | NW | 3 | 1 | 1 | 0 | S |
| 1.6 | 3 | N | 1 | 2 | N | 3 | 1 | 1 | 0 | S |
| 1.6 | 3 | N | 3 | 5 | NW | 2 | 1 | 1 | 1 | SE |
| 1.6 | 3 | N | 2 | 4 | NW | 2 | 1 | 1 | 1 | SE |
| 1.6 | 3 | N | 4 | 5 | NW | 2 | 1 | 1 | 1 | SE |
| 1.6 | 3 | N | 3 | 5 | NW | 2 | 1 | 1 | 1 | SE |
| 1.6 | 3 | N | 3 | 4 | NW | 2 | 5 | 1 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.7 | 1 | N | 5 | 6 | NE | 3 | 1 | 1 | 0 | SE |
| 0.7 | 3 | N | 4 | 5 | NE | 3 | 1 | 1 | 0 | SE |
| 0.7 | 1 | N | 2 | 3 | NE | 3 | 1 | 1 | 0 | SE |
| 0.7 | 3 | N | 7 | 8 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 3 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 3 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 3 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 3 | N | 1 | 2 | NE | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.9 | 1 | N | 8 | 10 | NE | 3 | 1 | 1 | 0 | S |
| 1 | 1 | N | 9 | 12 | NE | 3 | 5 | 1 | 0 | S |
| 1.4 | 1 | N | 14 | 17 | NE | 2 | 1 | 1 | 0 | S |
| 1.1 | 1 | N | 12 | 16 | NE | 2 | 1 | 2 | 1 | SE |
| 1.1 | 1 | N | 8 | 10 | NE | 2 | 1 | 2 | 1 | SE |
| 1.1 | 1 | N | 3 | 7 | NE | 2 | 1 | 2 | 1 | SE |
| 1.2 | 1 | N | 3 | 5 | NE | 1 | 1 | 2 | 1 | SE |
| 1.2 | 1 | N | 6 | 9 | NE | 2 | 1 | 1 | 1 | SE |
| 2.1 | 1 | N | 4 | 5 | NE | 6 | 1 | 1 | 0 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 1 | N | 5 | 7 | NE | 6 | 1 | 1 | 0 | S |
| 2.1 | 1 | N | 3 | 5 | E | 6 | 1 | 1 | 0 | S |
| 2 | 1 | N | 5 | 7 | NE | 2 | 1 | 1 | 1 | SE |
| 2 | 1 | N | 5 | 7 | NE | 5 | 1 | 1 | 1 | SE |
| 2 | 1 | N | 6 | 9 | NE | 5 | 1 | 1 | 1 | SE |
| 1.9 | 1 | N | 2 | 3 | E | 3 | 1 | 1 | 1 | SE |
| 1.9 | 1 | N | 3 | 4 | NE | 3 | 1 | 1 | 1 | SE |
| 1.5 | 3 | N | 8 | 10 | NE | 3 | 1 | 1 | 0 | S |
| 1.5 | 3 | N | 7 | 9 | NE | 3 | 1 | 1 | 0 | S |
| 1.4 | 3 | N | 7 | 9 | NE | 3 | 5 | 1 | 0 | S |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.5 | 3 | N | 10 | 12 | NE | 2 | 2 | 1 | 1 | SE |
| 1.5 | 3 | N | 14 | 16 | NE | 1 | 2 | 2 | 1 | SE |
| 1.4 | 3 | N | 9 | 11 | NE | 1 | 5 | 2 | 1 | SE |
| 1.4 | 3 | N | 8 | 10 | NE | 1 | 5 | 2 | 1 | SE |
| 1.5 | 3 | N | 9 | 11 | NE | 1 | 2 | 2 | 1 | SE |
| 0.5 | 1 | N | 8 | 10 | NE | 3 | 1 | 1 | 0 | S |
| 0.4 | 1 | N | 7 | 9 | NE | 3 | 1 | 1 | 0 | S |
| 0.5 | 1 | N | 1 | 3 | NE | 3 | 1 | 1 | 0 | S |
| 0.4 | 1 | N | 15 | 17 | NE | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 1 | N | 3 | 5 | N | 2 | 1 | 2 | 1 | SE |
| 0.4 | 1 | N | 7 | 9 | NE | 1 | 1 | 2 | 1 | SE |
| 0.4 | 1 | N | 12 | 14 | NE | 1 | 1 | 2 | 1 | SE |
| 0.4 | 1 | N | 12 | 14 | NE | 1 | 1 | 2 | 1 | SE |
| 1.1 | 1 | N | 7 | 9 | NE | 3 | 1 | 1 | 0 | SE |
| 1.4 | 1 | N | 10 | 12 | NE | 3 | 1 | 1 | 0 | SE |
| 1.9 | 1 | N | 7 | E9 | E | 3 | 1 | 1 | 0 | SE |
| 1.4 | 1 | N | 12 | 14 | NE | 2 | 1 | 2 | 1 | SE |
| 1.4 | 1 | N | 12 | 14 | NE | 3 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.6 | 1 | N | 8 | 10 | E | 2 | 1 | 2 | 1 | SE |
| 1.7 | 1 | N | 9 | 11 | E | 1 | 1 | 2 | 1 | SE |
| 1.7 | 1 | N | 6 | 8 | NE | 1 | 1 | 2 | 1 | SE |
| 1.8 | 1 | N | 5 | 7 | NE | 3 | 1 | 1 | 0 | S |
| 1.8 | 1 | N | 9 | 11 | NE | 3 | 1 | 1 | 0 | S |
| 1.8 | 1 | N | 5 | 7 | NE | 3 | 1 | 1 | 0 | S |
| 1.8 | 1 | N | 13 | 15 | NE | 2 | 1 | 2 | 1 | SE |
| 1.8 | 1 | N | 5 | 8 | NE | 2 | 1 | 2 | 1 | SE |
| 1.8 | 1 | N | 4 | 6 | NE | 1 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.7 | 1 | N | 1 | 2 | E | 1 | 1 | 2 | 1 | SE |
| 1.7 | 1 | N | 5 | 8 | E | 1 | 1 | 2 | 1 | SE |

| Less than (<) | Entero-coccus (No./100ml) | Clostridium perfringens (No./100ml) | Remarks |
|---|---|---|---|
| | 2 | | CANNOT SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | |
| < | 0.9 | | CANNOT SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | |
| | 2 | | CANNOT SEE BOTTOM |
| < | 0.9 | | |
| | 0.9 | | |
| < | 0.9 | | CANNOT SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | |
| | | | NO REMARKS |
| | | | |
| < | 0.9 | | BARELY SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | |
| | | | NO REMARKS |
| | | | |
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | |
| | | | NO REMARKS |
| | | | |
| | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| | 0.9 | | |
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | |
| | | | NO REMARKS |

| | | |
|---|---|---|
| | | NO REMARKS |
| | | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| | 2 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 5 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| | 0.9 | CAN SEE BOTTOM |
| | 3 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |

| | | |
|---|---|---|
| | 2 | CANNOT SEE BOTTOM |
| | 4 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | CANNOT SEE BOTTOM |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 8 | CANNOT SEE BOTTOM |
| | 5 | NO REMARKS |
| | 5 | NO REMARKS |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | | |
| < | 0.9 | CAN SEE BOTTOM |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | | |
| | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 5 | SEE BOTTOM CLEARLY |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | | |
| | 180 | CANNOT SEE BOTTOM; HEAVY RAINS AND SHOWERS PRIOR TO SAMPLE DATE |
| | 5 | NO REMARKS |
| | 11 | NO REMARKS |

| | | |
|---|---|---|
| | 210 | CANNOT SEE BOTTOM; HEAVY RAINS AND SHOWERS PRIOR TO SAMPLE DATE |
| | 0.9 | NO REMARKS |
| | 5 | NO REMARKS |
| | 680 | CANNOT SEE BOTTOM; HEAVY RAINS AND SHOWERS PRIOR TO SAMPLE DATE |
| | 7 | NO REMARKS |
| | 5 | NO REMARKS |
| | 6 | CANNOT SEE BOTTOM; HEAVY RAINS AND SHOWERS PRIOR TO SAMPLE DATE |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 50 | CANNOT SEE BOTTOM; HEAVY RAINS AND SHOWERS PRIOR TO SAMPLE DATE |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 21 | BARELY SEE BOTTOM; HEAVY RAINS AND SHOWERS PRIOR TO SAMPLE DATE |
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 4 | CAN SEE BOTTOM; HEAVY RAINS AND SHOWERS PRIOR TO SAMPLE DATE |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 0.9 | CAN SEE BOTTOM; HEAVY RAINS AND SHOWERS PRIOR TO SAMPLE DATE |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |

| | | |
|---|---|---|
| < | 0.9 | NO REMARKS |
| | 3 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 0.9 | NO REMARKS |
| | 4 | NO REMARKS |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |

| | | |
|---|---|---|
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | CANNOT SEE BOTTOM |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |

| | | |
|---|---|---|
| < | 0.9 | CAN SEE BOTTOM |
| | 2 | NO REMARKS |
| | 2 | NO REMARKS |

| | | |
|---|---|---|
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | NO REMARKS |
| | 3 | NO REMARKS |

| | | |
|---|---|---|
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |

| | | |
|---|---|---|
| | 2 | CANNOT SEE BOTTOM |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | CANNOT SEE BOTTOM |

| | | |
|---|---|---|
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | CAN SEE BOTTOM |
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | CAN SEE BOTTOM |
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| | 1.5 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 6 | CANNOT SEE BOTTOM |
| | 5 | |
| < | 0.9 | |

| | | |
|---|---|---|
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| | | |
| | 2 | CAN SEE BOTTOM |
| | 9 | |
| | 0.9 | |
| | | |
| | | |
| | 0.9 | BARELY SEE BOTTOM |
| | 2 | |
| | 4 | |
| | | |
| | | |
| < | 0.9 | CAN SEE BOTTOM |
| | 2 | |
| | 2 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | | |
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| | | |
| < | 0.9 | CANNOT SEE BOTTOM |
| | 0.9 | |
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| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | CANNOT SEE BOTTOM |
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| | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |

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|---|---|---|
| | 0.9 | CAN SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | |
| | 1950 | CANNOT SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| | 140 | CANNOT SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| | 640 | CANNOT SEE BOTTOM |
| | 500 | |
| | 74 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 340 | CANNOT SEE BOTTOM |
| | 4 | |
| | 0.9 | |

| | | |
|---|---|---|
| | 60 | CAN SEE BOTTOM |
| | 13 | |
| < | 0.9 | |
| | | |
| | 12 | CAN SEE BOTTOM |
| | 2 | |
| | 0.9 | |
| | 5 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| | 485 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| | 0.9 | |
| | 410 | CANNOT SEE BOTTOM |
| | 3 | |
| < | 0.9 | |
| | 320 | CANNOT SEE BOTTOM |
| | 0.9 | |
| | 5 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| | 9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| | 2 | CAN SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |

| | | |
|---|---|---|
| | 4 | CAN SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| | 8 | CAN SEE BOTTOM |
| < | 0.9 | |
| | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 3 | CANNOT SEE BOTTOM |
| | 5 | |
| | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| | 0.9 | |

| | | | |
|---|---|---|---|
| < | | 0.9 | |
| < | | 0.9 | SEE BOTTOM CLEARLY |
| < | | 0.9 | |
| < | | 0.9 | |
| | | 220 | CANNOT SEE BOTTOM |
| | | 21 | |
| < | | 0.9 | |
| | 1---- | | CANNOT SEE BOTTOM |
| | | 4 | |
| | | 5 | |
| | | 1100 | CANNOT SEE BOTTOM |
| | | 12 | |
| | | 10 | |
| < | | 0.9 | CANNOT SEE BOTTOM |
| < | | 0.9 | |
| < | | 0.9 | |
| | | 10 | CAN SEE BOTTOM |
| | | 5 | |
| | | 2 | |
| | | 11 | CAN SEE BOTTOM |
| < | | 0.9 | |
| < | | 0.9 | |
| | | 160 | CAN SEE BOTTOM |
| | | 2 | |
| < | | 0.9 | |
| | | 570 | CAN SEE BOTTOM |
| | | 17 | |
| | | 0.9 | |

| | | |
|---|---|---|
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 2 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
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| < | 0.9 | |
| | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
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| < | 0.9 | CANNOT SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 8 | CANNOT SEE BOTTOM |
| | 4 | |
| | 5 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| | 2 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| | 2 | |
| | 23 | CANNOT SEE BOTTOM |
| | 290 | |
| | 4.5 | |
| | 29 | CANNOT SEE BOTTOM |
| | 280 | |

| | | |
|---|---|---|
| | 0.9 | |
| | 2 | CANNOT SEE BOTTOM |
| | 6 | |
| | 2 | |
| < | 0.9 | BARELY SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| | 5 | BARELY SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | CAN SEE BOTTOM |
| | 4 | |
| | 3 | |
| | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| | 0.9 | |
| | 4.5 | CANNOT SEE BOTTOM |
| | 6 | |
| | 3 | |
| | 0.9 | CANNOT SEE BOTTOM |
| | 0.9 | |
| | 0.9 | |
| | 13 | CANNOT SEE BOTTOM |
| | 6 | |
| | 4 | |
| < | 0.9 | CANNOT SEE BOTTOM |

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| < | 0.9 | |
| < | 0.9 | |
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| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| | | |
| | | |
| | 3 | CANNOT SEE BOTTOM |
| | 2 | |
| | 2 | |
| | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| | 0.9 | |
| | 3 | CANNOT SEE BOTTOM |
| | 2 | |
| | 2 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |

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|---|---|---|
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| | 0.9 | CANNOT SEE BOTTOM |
| | 2 | |
| < | 0.9 | |
| | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 16 | CAN SEE BOTTOM |
| | 2 | |
| < | 0.9 | |
| | | |
| < | 0.9 | CAN SEE BOTTOM |
| | 2 | |
| < | 0.9 | |

| | | |
|---|---|---|
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| | 0.9 | |
| | 2 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| | 3 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| | 2 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 3 | CAN SEE BOTTOM |
| | 5 | |
| | 3 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | CAN SEE BOTTOM |
| | 2 | |
| < | 0.9 | |
| | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |

| | | |
|---|---|---|
| | 3 | CAN SEE BOTTOM |
| | 2 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| | 11 | CAN SEE BOTTOM |
| | 0.9 | |
| | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |

| | | |
|---|---|---|
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 2 | CANNOT SEE BOTTOM |
| | 2 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| | 2 | |
| < | 0.9 | |
| | 0.9 | CAN SEE BOTTOM |
| | 3 | |
| | 2 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | |
| | 5 | CANNOT SEE BOTTOM; HEAVY RAIN PRIOR TO S |

| | | |
|---|---|---|
| | 35 | |
| | 6 | |
| | 12 | CANNOT SEE BOTTOM; HEAVY RAIN PRIOR TO S |
| | 3 | |
| | 2 | |
| | 10 | CANNOT SEE BOTTOM; HEAVY RAIN PRIOR TO S |
| < | 0.9 | |
| | 6 | |
| | 3 | BARELY SEE BOTTOM; HEAVY RAIN PRIOR TO S/ |
| | 3 | |
| | 3 | |
| | 0.9 | BARELY SEE BOTTOM; HEAVY RAIN PRIOR TO S/ |
| | 0.9 | |
| < | 0.9 | |
| | 0.9 | CAN SEE BOTTOM; HEAVY RAIN PRIOR TO SAMP |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | CAN SEE BOTTOM; HEAVY RAIN PRIOR TO SAMP |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM; HEAVY RAIN PRIOR TO SAMP |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| | 0.9 | |
| | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |

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|---|---|---|
| < | 0.9 | CANNOT SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| | 0.9 | |
| | 2 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| | 0.9 | |
| | 0.9 | |
| | 10 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 8 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 12 | CANNOT SEE BOTTOM |
| | 3 | |
| | 3 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |

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|---|---|---|
| < | 0.9 | |
| | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| | 2 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| | 1 | |
| | 2 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | |
| | 2 | CANNOT SEE BOTTOM |
| | 3 | |
| | 2 | |
| | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | CANNOT SEE BOTTOM |
| | 0.9 | |
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| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | CANNOT SEE BOTTOM |

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| < | 0.9 | |
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| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
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| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
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| < | 0.9 | CANNOT SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
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| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
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|---|---|---|
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| | 2 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |

| | | |
|---|---|---|
| < | 0.9 | CAN SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 600 | CANNOT SEE BOTTOM; HEAVY RAINS PRIOR TO |
| | 15 | |
| | 9 | |
| | 600 | CANNOT SEE BOTTOM; HEAVY RAINS PRIOR TO |
| | 39 | |
| | 8 | |
| | 600 | CANNOT SEE BOTTOM; HEAVY RAINS PRIOR TO |
| | 150 | |
| | 39 | |
| < | 0.9 | BARELY SEE BOTTOM; HEAVY RAINS PRIOR TO S |
| | 1 | |
| | 5 | |
| < | 0.9 | CAN SEE BOTTOM; HEAVY RAINS PRIOR TO SAM |
| < | 0.9 | |
| | 0.9 | |
| | 93 | CAN SEE BOTTOM; HEAVY RAINS PRIOR TO SAM |
| < | 0.9 | |
| < | 0.9 | |
| | 54 | CAN SEE BOTTOM; HEAVY RAINS PRIOR TO SAM |
| | 0.9 | |
| | 4 | |
| | 18 | SEE BOTTOM CLEARLY; HEAVY RAINS PRIOR TO |

| | | |
|---|---|---|
| | 0.9 | |
| | 3 | |
| | | |
| | | |
| | | |
| | 350 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 110 | CANNOT SEE BOTTOM |
| | 11 | |
| | 2 | |
| | 410 | CANNOT SEE BOTTOM |
| | 320 | |
| | 74 | |
| < | 0.9 | BARELY SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| | | |
| | | |
| | 3 | BARELY SEE BOTTOM |
| | 2 | |
| | 4 | |
| | | |
| | | |
| | 0.9 | CAN SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| | | |
| | | |
| | 2 | CAN SEE BOTTOM |
| | 4 | |
| | 5 | |
| | 53 | CAN SEE BOTTOM |
| | 3 | |
| | 2 | |

| | | |
|---|---|---|
| | 330 | CANNOT SEE BOTTOM |
| | 1 | |
| | 0.9 | |
| | 330 | CANNOT SEE BOTTOM |
| | 0.9 | |
| | 0.9 | |
| | 1100 | CANNOT SEE BOTTOM |
| | 43 | |
| | 15 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 23 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 10 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 3 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 12 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |

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| < | 0.9 | |
| < | 0.9 | OIL SHEEN ON SURFACE OF WATER |
| < | 0.9 | |
| < | 0.9 | |
| | 2 | CANNOT SEE BOTTOM |
| | 0.9 | |
| | 3 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
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| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 540 | CANNOT SEE BOTTOM |
| | 54 | |
| | 60 | |
| | 170 | CANNOT SEE BOTTOM |
| | 4 | |
| < | 0.9 | |
| | 69 | CANNOT SEE BOTTOM |

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| | 2 | |
| | 5 | |
| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | SEE BOTTOM CLEARLY |
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| < | 0.9 | CANNOT SEE BOTTOM |
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| | 995 | CANNOT SEE BOTTOM |
| | 530 | |
| | 450 | |
| | 940 | CANNOT SEE BOTTOM |
| | 230 | |
| | 10 | |
| | 300 | CANNOT SEE BOTTOM |
| | 43 | |
| | 42 | |
| | 10 | BARELY SEE BOTTOM |
| | 5 | |
| | 5 | |
| | | |
| | | |
| | 85 | BARELY SEE BOTTOM |
| | 84 | |
| | 69 | |
| | | |
| | | |
| | 5 | CAN SEE BOTTOM |
| | 4 | |
| | 2 | |

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| | 170 | CAN SEE BOTTOM |
| | 13 | |
| | 5 | |
| | 600 | BARELY SEE BOTTOM |
| | 10 | |
| | 8 | |
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| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM |
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| | 2 | CAN SEE BOTTOM |
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| | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM; LARGE SOUTH SWELL |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM; LARGE SOUTH SWELL |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | CANNOT SEE BOTTOM; LARGE SOUTH SWELL |
| | 0.9 | |

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| | 2 | |
| < | 0.9 | CANNOT SEE BOTTOM; LARGE SOUTH SWELL |
| < | 0.9 | |
| | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM; LARGE SOUTH SWELL |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM; LARGE SOUTH SWELL |
| < | 0.9 | |
| < | 0.9 | |
| | 30 | BARELY SEE BOTTOM; LARGE SOUTH SWELL |
| | 4 | |
| | 0.9 | |
| | 14 | CANNOT SEE BOTTOM; LARGE SOUTH SWELL |
| | 10 | |
| | 4 | |
| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| | 11.5 | |

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| < | 0.9 | CAN SEE BOTTOM |
| | 5 | |
| | 580 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| | 0.9 | |

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|---|---|---|
| < | 0.9 | CANNOT SEE BOTTOM; HIGH SURF |
| < | 0.9 | |
| | 15 | |
| < | 0.9 | CANNOT SEE BOTTOM; HIGH SURF |
| < | 0.9 | |
| | 13 | |
| | 0.9 | CANNOT SEE BOTTOM; HIGH SURF |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM; HIGH SURF |
| < | 0.9 | |
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| < | 0.9 | CANNOT SEE BOTTOM; HIGH SURF |
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| < | 0.9 | CAN SEE BOTTOM; HIGH SURF |
| | 0.9 | |

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| | 2 | CAN SEE BOTTOM; HIGH SURF |
| < | 0.9 | |
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| < | 0.9 | CAN SEE BOTTOM; HIGH SURF |
| < | 0.9 | |
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| < | 0.9 | CANNOT SEE BOTTOM |
| | 0.9 | |
| | 16.5 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| | 9 | |
| | 5 | |
| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | CANNOT SEE BOTTOM; HIGH SURF |
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| | 2 | CANNOT SEE BOTTOM |
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| < | 0.9 | CANNOT SEE BOTTOM |
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| | 6 | CANNOT SEE BOTTOM |
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| < | 0.9 | BARELY SEE BOTTOM |
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| < | 0.9 | SEE BOTTOM CLEARLY |
| | 4 | |
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| | 0 | CANNOT SEE BOTTOM |
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| | 0.9 | CANNOT SEE BOTTOM |
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| | 0 | BARELY SEE BOTTOM |
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| | 0 | CAN SEE BOTTOM |
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| | 0 | CAN SEE BOTTOM |
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| | 20 | |
| | 0 | CAN SEE BOTTOM |
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| | 5 | |
| | 0.9 | CAN SEE BOTTOM |

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| | 150 | CANNOT SEE BOTTOM |
| | 150 | |
| | 2 | |
| | 2.5 | CANNOT SEE BOTTOM |
| | 0.9 | |
| | 2 | |
| | 92 | CANNOT SEE BOTTOM |
| | 39 | |
| | 33 | |
| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
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| < | 0.9 | CAN SEE BOTTOM |
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| | 5 | CAN SEE BOTTOM |
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| | 3 | SEE BOTTOM CLEARLY |
| | 0.9 | |
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| | 1.5 | CANNOT SEE BOTTOM |
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| | 3 | CAN SEE BOTTOM |
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| | 11 | CAN SEE BOTTOM |
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| | 15 | CANNOT SEE BOTTOM |
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| | 3 | CAN SEE BOTTOM |
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| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 600 | CANNOT SEE BOTTOM; HEAVY RAIN PRIOR TO S |
| | 87 | |
| | 9 | |

| | | |
|---|---|---|
| | 600 | CANNOT SEE BOTTOM; HEAVY RAIN PRIOR TO S |
| | 41 | |
| | 8 | |
| | 600 | CANNOT SEE BOTTOM; HEAVY RAIN PRIOR TO S |
| | 360 | |
| | 59 | |
| < | 0.9 | CAN SEE BOTTOM; HEAVY RAIN PRIOR TO SAMP |
| < | 0.9 | |
| | 0.9 | |
| | 600 | CANNOT SEE BOTTOM; HEAVY RAIN PRIOR TO S |
| | 21 | |
| | 59 | |
| | 600 | CANNOT SEE BOTTOM; HEAVY RAIN PRIOR TO S |
| | 13 | |
| | 4 | |
| | 1200 | BARELY SEE BOTTOM; HEAVY RAIN PRIOR TO S/ |
| | 3 | |
| | 0.9 | |
| | 310 | BARELY SEE BOTTOM; HEAVY RAIN PRIOR TO S/ |
| < | 0.9 | |
| | 0.9 | |
| | 6 | CANNOT SEE BOTTOM |
| | 6 | |
| | 0.9 | |
| | 8 | CANNOT SEE BOTTOM |
| | 4 | |
| | 0.9 | |
| | 7 | CANNOT SEE BOTTOM |
| | 5 | |

| | | |
|---|---|---|
| | 5 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| | 34 | CANNOT SEE BOTTOM; HEAVY RAINS PRIOR TO |
| | 6 | |
| | 5 | |
| | 28 | CANNOT SEE BOTTOM; HEAVY RAINS PRIOR TO |
| | 0.9 | |
| | 42 | |
| | 22 | CANNOT SEE BOTTOM; HEAVY RAINS PRIOR TO |
| | 9 | |
| | 15 | |
| | 3 | BARELY SEE BOTTOM; HEAVY RAINS PRIOR TO S |
| | 0.9 | |
| | 6 | |

| | | |
|---|---|---|
| < | 0.9 | BARELY SEE BOTTOM; HEAVY RAINS PRIOR TO S |
| | 0.9 | |
| < | 0.9 | |
| | 0.9 | CAN SEE BOTTOM; HEAVY RAINS PRIOR TO SAM |
| < | 0.9 | |
| | 4.5 | |
| < | 0.9 | CAN SEE BOTTOM; HEAVY RAINS PRIOR TO SAM |
| | 0.9 | |
| | 10 | |
| | 0.9 | CAN SEE BOTTOM; HEAVY RAINS PRIOR TO SAM |
| < | 0.9 | |
| | 35 | |
| | 26 | CANNOT SEE BOTTOM |
| | 20 | |
| | 25 | |
| | 2 | CANNOT SEE BOTTOM |
| | 2 | |
| | 4 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | 2.5 | BARELY SEE BOTTOM |
| | 2 | |
| < | 0.9 | |
| | 0.9 | CANNOT SEE BOTTOM |
| | 2 | |
| | 0.9 | |

| | | |
|---|---|---|
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| | 2 | |
| | | |
| | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| | 2 | |
| | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| | 3 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| < | 0.9 | CAN SEE BOTTOM |
| | 0.9 | |
| < | 0.9 | |
| | | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| | 0.9 | |

| | | |
|---|---|---|
| | 0.9 | |
| | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| | 0.9 | |
| < | 0.9 | |

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RESULTS OF BACTERIAL ANALYSES AND FIELD OBSERVATIONS
J:/_MC\M&C/WWTPlants/wwtpmicro & Oceanlogs/2011microbiology.xls
SAND ISLAND OCEAN OUTFALL - OFFSHORE STATIONS
01-Jun-15

| Date | Station | Time | Depth (m) | CTD on (hhmm) | CTD off (hhmm) | Light ext. coeff. | Secchi depth (feet) | Cloud cover (%) |
|---|---|---|---|---|---|---|---|---|
| 1/19/2011 | D1 | 912 | 0 | | | | | 95 |
| 1/19/2011 | D1 | 913 | 25 | | | | | |
| 1/19/2011 | D1 | 914 | 50 | | | | | |
| 1/19/2011 | D2 | 849 | 0 | | | | | 95 |
| 1/19/2011 | D2 | 851 | 25 | | | | | |
| 1/19/2011 | D2 | 852 | 50 | | | | | |
| 1/19/2011 | D3 | 744 | 0 | | | | | 95 |
| 1/19/2011 | D3 | 746 | 25 | | | | | |
| 1/19/2011 | D3 | 747 | 50 | | | | | |
| 1/19/2011 | D3A | ---- | 0 | | | | | |
| 1/19/2011 | D3A | ---- | 25 | | | | | |
| 1/19/2011 | D3A | ---- | 50 | | | | | |
| 1/19/2011 | D4 | 806 | 0 | | | | | 95 |
| 1/19/2011 | D4 | 807 | 25 | | | | | |
| 1/19/2011 | D4 | 808 | 50 | | | | | |
| 1/19/2011 | D5 | 823 | 0 | | | | | 95 |
| 1/19/2011 | D5 | 824 | 25 | | | | | |
| 1/19/2011 | D5 | 825 | 50 | | | | | |
| 1/19/2011 | D6 | ---- | 0 | | | | | |
| 1/19/2011 | D6 | ---- | 25 | | | | | |
| 1/19/2011 | D6 | ---- | 50 | | | | | |
| 1/19/2011 | E1 | 904 | 0 | | | | | 95 |
| 1/19/2011 | E1 | 906 | 50 | | | | | |
| 1/19/2011 | E1 | 908 | 100 | | | | | |
| 1/19/2011 | E2 | 855 | 0 | | | | | 95 |
| 1/19/2011 | E2 | 857 | 50 | | | | | |
| 1/19/2011 | E2 | 859 | 100 | | | | | |
| 1/19/2011 | E3 | 749 | 0 | | | | | 95 |
| 1/19/2011 | E3 | 751 | 46 | | | | | |
| 1/19/2011 | E3 | 752 | 92 | | | | | |
| 1/19/2011 | E4 | 759 | 0 | | | | | 95 |
| 1/19/2011 | E4 | 801 | 50 | | | | | |
| 1/19/2011 | E4 | 803 | 100 | | | | | |
| 1/19/2011 | E5 | 814 | 0 | | | | | 95 |

| | | | | |
|---|---|---|---|---|
| 1/19/2011 | E5 | 816 | 50 | |
| 1/19/2011 | E5 | 819 | 100 | |
| 1/19/2011 | E6 | ---- | 0 | |
| 1/19/2011 | E6 | ---- | 50 | |
| 1/19/2011 | E6 | ---- | 100 | |
| 2/8/2011 | D1 | 920 | 0 | 45 |
| 2/8/2011 | D1 | 923 | 25 | |
| 2/8/2011 | D1 | 923 | 50 | |
| 2/8/2011 | D2 | 850 | 0 | 45 |
| 2/8/2011 | D2 | 852 | 25 | |
| 2/8/2011 | D2 | 852 | 50 | |
| 2/8/2011 | D3 | 825 | 0 | 45 |
| 2/8/2011 | D3 | 826 | 25 | |
| 2/8/2011 | D3 | 827 | 50 | |
| 2/8/2011 | D3A | ---- | 0 | |
| 2/8/2011 | D3A | ---- | 25 | |
| 2/8/2011 | D3A | ---- | 50 | |
| 2/8/2011 | D4 | 755 | 0 | 45 |
| 2/8/2011 | D4 | 757 | 25 | |
| 2/8/2011 | D4 | 757 | 50 | |
| 2/8/2011 | D5 | 731 | 0 | 45 |
| 2/8/2011 | D5 | 733 | 25 | |
| 2/8/2011 | D5 | 734 | 50 | |
| 2/8/2011 | D6 | ---- | 0 | |
| 2/8/2011 | D6 | ---- | 25 | |
| 2/8/2011 | D6 | ---- | 50 | |
| 2/8/2011 | E1 | 909 | 0 | 45 |
| 2/8/2011 | E1 | 912 | 50 | |
| 2/8/2011 | E1 | 914 | 100 | |
| 2/8/2011 | E2 | 857 | 0 | 45 |
| 2/8/2011 | E2 | 859 | 50 | |
| 2/8/2011 | E2 | 901 | 100 | |
| 2/8/2011 | E3 | 814 | 0 | 45 |
| 2/8/2011 | E3 | 817 | 46 | |
| 2/8/2011 | E3 | 818 | 92 | |
| 2/8/2011 | E4 | 802 | 0 | 45 |
| 2/8/2011 | E4 | 805 | 50 | |
| 2/8/2011 | E4 | 807 | 100 | |
| 2/8/2011 | E5 | 720 | 0 | 45 |
| 2/8/2011 | E5 | 723 | 50 | |
| 2/8/2011 | E5 | 725 | 100 | |
| 2/8/2011 | E6 | ---- | 0 | |
| 2/8/2011 | E6 | ---- | 50 | |
| 2/8/2011 | E6 | ---- | 100 | |

| | | | | |
|---|---|---|---|---|
| 3/8/2011 | D1 | 842 | 0 | 45 |
| 3/8/2011 | D1 | 843 | 25 | |
| 3/8/2011 | D1 | 844 | 50 | |
| 3/8/2011 | D2 | 821 | 0 | 45 |
| 3/8/2011 | D2 | 821 | 25 | |
| 3/8/2011 | D2 | 822 | 50 | |
| 3/8/2011 | D3 | 724 | 0 | 45 |
| 3/8/2011 | D3 | 726 | 25 | |
| 3/8/2011 | D3 | 725 | 50 | |
| 3/8/2011 | D3A | ---- | 0 | |
| 3/8/2011 | D3A | ---- | 25 | |
| 3/8/2011 | D3A | ---- | 50 | |
| 3/8/2011 | D4 | 746 | 0 | 45 |
| 3/8/2011 | D4 | 747 | 25 | |
| 3/8/2011 | D4 | 747 | 50 | |
| 3/8/2011 | D5 | 801 | 0 | 45 |
| 3/8/2011 | D5 | 802 | 25 | |
| 3/8/2011 | D5 | 803 | 50 | |
| 3/8/2011 | D6 | ---- | 0 | |
| 3/8/2011 | D6 | ---- | 25 | |
| 3/8/2011 | D6 | ---- | 50 | |
| 3/8/2011 | E1 | 835 | 0 | 45 |
| 3/8/2011 | E1 | 837 | 50 | |
| 3/8/2011 | E1 | 839 | 100 | |
| 3/8/2011 | E2 | 826 | 0 | 45 |
| 3/8/2011 | E2 | 827 | 50 | |
| 3/8/2011 | E2 | 829 | 100 | |
| 3/8/2011 | E3 | 729 | 0 | 45 |
| 3/8/2011 | E3 | 730 | 46 | |
| 3/8/2011 | E3 | 732 | 92 | |
| 3/8/2011 | E4 | 739 | 0 | 45 |
| 3/8/2011 | E4 | 740 | 50 | |
| 3/8/2011 | E4 | 742 | 100 | |
| 3/8/2011 | E5 | 752 | 0 | 45 |
| 3/8/2011 | E5 | 753 | 50 | |
| 3/8/2011 | E5 | 755 | 100 | |
| 3/8/2011 | E6 | ---- | 0 | |
| 3/8/2011 | E6 | ---- | 50 | |
| 3/8/2011 | E6 | ---- | 100 | |
| 4/13/2011 | D1 | 854 | 0 | 25 |
| 4/13/2011 | D1 | 857 | 25 | |
| 4/13/2011 | D1 | 858 | 50 | |
| 4/13/2011 | D2 | 823 | 0 | 25 |
| 4/13/2011 | D2 | 824 | 25 | |

| | | | | |
|---|---|---|---|---|
| 4/13/2011 | D2 | 825 | 50 | |
| 4/13/2011 | D3 | 757 | 0 | 25 |
| 4/13/2011 | D3 | 758 | 25 | |
| 4/13/2011 | D3 | 759 | 50 | |
| 4/13/2011 | D3A | --- | 0 | |
| 4/13/2011 | D3A | --- | 25 | |
| 4/13/2011 | D3A | --- | 50 | |
| 4/13/2011 | D4 | 726 | 0 | 25 |
| 4/13/2011 | D4 | 728 | 25 | |
| 4/13/2011 | D4 | 729 | 50 | |
| 4/13/2011 | D5 | 657 | 0 | 25 |
| 4/13/2011 | D5 | 658 | 25 | |
| 4/13/2011 | D5 | 705 | 50 | |
| 4/13/2011 | D6 | --- | 0 | |
| 4/13/2011 | D6 | --- | 25 | |
| 4/13/2011 | D6 | --- | 50 | |
| 4/13/2011 | E1 | 845 | 0 | 25 |
| 4/13/2011 | E1 | 847 | 50 | |
| 4/13/2011 | E1 | 849 | 100 | |
| 4/13/2011 | E2 | 831 | 0 | 25 |
| 4/13/2011 | E2 | 834 | 50 | |
| 4/13/2011 | E2 | 836 | 100 | |
| 4/13/2011 | E3 | 746 | 0 | 25 |
| 4/13/2011 | E3 | 748 | 46 | |
| 4/13/2011 | E3 | 749 | 92 | |
| 4/13/2011 | E4 | 734 | 0 | 25 |
| 4/13/2011 | E4 | 738 | 50 | |
| 4/13/2011 | E4 | 739 | 100 | |
| 4/13/2011 | E5 | 646 | 0 | 25 |
| 4/13/2011 | E5 | 649 | 50 | |
| 4/13/2011 | E5 | 649 | 100 | |
| 4/13/2011 | E6 | --- | 0 | |
| 4/13/2011 | E6 | --- | 50 | |
| 4/13/2011 | E6 | --- | 100 | |
| 5/3/2011 | D1 | 820 | 0 | 85 |
| 5/3/2011 | D1 | 821 | 25 | |
| 5/3/2011 | D1 | 822 | 50 | |
| 5/3/2011 | D2 | 759 | 0 | 85 |
| 5/3/2011 | D2 | 759 | 25 | |
| 5/3/2011 | D2 | 801 | 50 | |
| 5/3/2011 | D3 | 656 | 0 | 85 |
| 5/3/2011 | D3 | 656 | 25 | |
| 5/3/2011 | D3 | 657 | 50 | |
| 5/3/2011 | D3A | --- | 0 | |

| | | | | |
|---|---|---|---|---|
| 5/3/2011 | D3A | --- | 25 | |
| 5/3/2011 | D3A | --- | 50 | |
| 5/3/2011 | D4 | 720 | 0 | 85 |
| 5/3/2011 | D4 | 720 | 25 | |
| 5/3/2011 | D4 | 722 | 50 | |
| 5/3/2011 | D5 | 735 | 0 | 85 |
| 5/3/2011 | D5 | 736 | 25 | |
| 5/3/2011 | D5 | 737 | 50 | |
| 5/3/2011 | D6 | --- | 0 | |
| 5/3/2011 | D6 | --- | 25 | |
| 5/3/2011 | D6 | --- | 50 | |
| 5/3/2011 | E1 | 812 | 0 | 85 |
| 5/3/2011 | E1 | 814 | 50 | |
| 5/3/2011 | E1 | 816 | 100 | |
| 5/3/2011 | E2 | 805 | 0 | 85 |
| 5/3/2011 | E2 | 803 | 50 | |
| 5/3/2011 | E2 | 807 | 100 | |
| 5/3/2011 | E3 | 701 | 0 | 85 |
| 5/3/2011 | E3 | 703 | 46 | |
| 5/3/2011 | E3 | 705 | 92 | |
| 5/3/2011 | E4 | 712 | 0 | 85 |
| 5/3/2011 | E4 | 714 | 50 | |
| 5/3/2011 | E4 | 716 | 100 | |
| 5/3/2011 | E5 | 727 | 0 | 85 |
| 5/3/2011 | E5 | 729 | 50 | |
| 5/3/2011 | E5 | 729 | 100 | |
| 5/3/2011 | E6 | --- | 0 | |
| 5/3/2011 | E6 | --- | 50 | |
| 5/3/2011 | E6 | --- | 100 | |
| 6/8/2011 | D1 | 752 | 0 | 75 |
| 6/8/2011 | D1 | 753 | 25 | |
| 6/8/2011 | D1 | 754 | 50 | |
| 6/8/2011 | D2 | 736 | 0 | 75 |
| 6/8/2011 | D2 | 737 | 25 | |
| 6/8/2011 | D2 | 738 | 50 | |
| 6/8/2011 | D3 | 716 | 0 | 75 |
| 6/8/2011 | D3 | 717 | 25 | |
| 6/8/2011 | D3 | 718 | 50 | |
| 6/8/2011 | D3A | --- | 0 | |
| 6/8/2011 | D3A | --- | 25 | |
| 6/8/2011 | D3A | --- | 50 | |
| 6/8/2011 | D4 | 658 | 0 | 75 |
| 6/8/2011 | D4 | 700 | 25 | |
| 6/8/2011 | D4 | 701 | 50 | |

| | | | | |
|---|---|---|---|---|
| 6/8/2011 | D5 | 639 | 0 | 75 |
| 6/8/2011 | D5 | 640 | 25 | |
| 6/8/2011 | D5 | 641 | 50 | |
| 6/8/2011 | D6 | --- | 0 | |
| 6/8/2011 | D6 | --- | 25 | |
| 6/8/2011 | D6 | --- | 50 | |
| 6/8/2011 | E1 | 742 | 0 | 75 |
| 6/8/2011 | E1 | 744 | 50 | |
| 6/8/2011 | E1 | 746 | 100 | |
| 6/8/2011 | E2 | 731 | 0 | 75 |
| 6/8/2011 | E2 | 729 | 50 | |
| 6/8/2011 | E2 | 733 | 100 | |
| 6/8/2011 | E3 | 722 | 0 | 75 |
| 6/8/2011 | E3 | 724 | 46 | |
| 6/8/2011 | E3 | 725 | 92 | |
| 6/8/2011 | E4 | 652 | 0 | 75 |
| 6/8/2011 | E4 | 654 | 50 | |
| 6/8/2011 | E4 | 656 | 100 | |
| 6/8/2011 | E5 | 644 | 0 | 75 |
| 6/8/2011 | E5 | 646 | 50 | |
| 6/8/2011 | E5 | 646 | 100 | |
| 6/8/2011 | E6 | --- | 0 | |
| 6/8/2011 | E6 | --- | 50 | |
| 6/8/2011 | E6 | --- | 100 | |
| 7/26/2011 | D1 | 819 | 0 | 20 |
| 7/26/2011 | D1 | 821 | 25 | |
| 7/26/2011 | D1 | 822 | 50 | |
| 7/26/2011 | D2 | 749 | 0 | 20 |
| 7/26/2011 | D2 | 751 | 25 | |
| 7/26/2011 | D2 | 752 | 50 | |
| 7/26/2011 | D3 | 725 | 0 | 20 |
| 7/26/2011 | D3 | 726 | 25 | |
| 7/26/2011 | D3 | 727 | 50 | |
| 7/26/2011 | D3A | --- | 0 | |
| 7/26/2011 | D3A | --- | 25 | |
| 7/26/2011 | D3A | --- | 50 | |
| 7/26/2011 | D4 | 653 | 0 | 20 |
| 7/26/2011 | D4 | 655 | 25 | |
| 7/26/2011 | D4 | 655 | 50 | |
| 7/26/2011 | D5 | 630 | 0 | 20 |
| 7/26/2011 | D5 | 631 | 25 | |
| 7/26/2011 | D5 | 632 | 50 | |
| 7/26/2011 | D6 | --- | 0 | |
| 7/26/2011 | D6 | --- | 25 | |

| | | | | |
|---|---|---|---|---|
| 7/26/2011 | D6 | --- | 50 | |
| 7/26/2011 | E1 | 810 | 0 | 20 |
| 7/26/2011 | E1 | 812 | 50 | |
| 7/26/2011 | E1 | 813 | 100 | |
| 7/26/2011 | E2 | 757 | 0 | 20 |
| 7/26/2011 | E2 | 759 | 50 | |
| 7/26/2011 | E2 | 801 | 100 | |
| 7/26/2011 | E3 | 715 | 0 | 20 |
| 7/26/2011 | E3 | 718 | 46 | |
| 7/26/2011 | E3 | 719 | 92 | |
| 7/26/2011 | E4 | 702 | 0 | 20 |
| 7/26/2011 | E4 | 704 | 50 | |
| 7/26/2011 | E4 | 705 | 100 | |
| 7/26/2011 | E5 | 620 | 0 | 20 |
| 7/26/2011 | E5 | 623 | 50 | |
| 7/26/2011 | E5 | 624 | 100 | |
| 7/26/2011 | E6 | --- | 0 | |
| 7/26/2011 | E6 | --- | 50 | |
| 7/26/2011 | E6 | --- | 100 | |
| 8/11/2011 | D1 | 754 | 0 | 20 |
| 8/11/2011 | D1 | 755 | 25 | |
| 8/11/2011 | D1 | 756 | 50 | |
| 8/11/2011 | D2 | 735 | 0 | 20 |
| 8/11/2011 | D2 | 736 | 25 | |
| 8/11/2011 | D2 | 737 | 50 | |
| 8/11/2011 | D3 | 717 | 0 | 20 |
| 8/11/2011 | D3 | 718 | 25 | |
| 8/11/2011 | D3 | 719 | 50 | |
| 8/11/2011 | D3A | --- | 0 | |
| 8/11/2011 | D3A | --- | 25 | |
| 8/11/2011 | D3A | --- | 50 | |
| 8/11/2011 | D4 | 659 | 0 | 20 |
| 8/11/2011 | D4 | 700 | 25 | |
| 8/11/2011 | D4 | 701 | 50 | |
| 8/11/2011 | D5 | 645 | 0 | 20 |
| 8/11/2011 | D5 | 646 | 25 | |
| 8/11/2011 | D5 | 647 | 50 | |
| 8/11/2011 | D6 | --- | 0 | |
| 8/11/2011 | D6 | --- | 25 | |
| 8/11/2011 | D6 | --- | 50 | |
| 8/11/2011 | E1 | 748 | 0 | 20 |
| 8/11/2011 | E1 | 750 | 50 | |
| 8/11/2011 | E1 | 752 | 100 | |
| 8/11/2011 | E2 | 740 | 0 | 20 |

| | | | | |
|---|---|---|---|---|
| 8/11/2011 | E2 | 742 | 50 | |
| 8/11/2011 | E2 | 743 | 100 | |
| 8/11/2011 | E3 | 712 | 0 | 20 |
| 8/11/2011 | E3 | 713 | 46 | |
| 8/11/2011 | E3 | 715 | 92 | |
| 8/11/2011 | E4 | 703 | 0 | 20 |
| 8/11/2011 | E4 | 705 | 50 | |
| 8/11/2011 | E4 | 707 | 100 | |
| 8/11/2011 | E5 | 638 | 0 | 20 |
| 8/11/2011 | E5 | 640 | 50 | |
| 8/11/2011 | E5 | 641 | 100 | |
| 8/11/2011 | E6 | --- | 0 | |
| 8/11/2011 | E6 | --- | 50 | |
| 8/11/2011 | E6 | --- | 100 | |
| 9/12/2011 | D1 | 820 | 0 | 55 |
| 9/12/2011 | D1 | 821 | 25 | |
| 9/12/2011 | D1 | 822 | 50 | |
| 9/12/2011 | D2 | 755 | 0 | 55 |
| 9/12/2011 | D2 | 755 | 25 | |
| 9/12/2011 | D2 | 756 | 50 | |
| 9/12/2011 | D3 | 738 | 0 | 55 |
| 9/12/2011 | D3 | 739 | 25 | |
| 9/12/2011 | D3 | 740 | 50 | |
| 9/12/2011 | D3A | --- | 0 | |
| 9/12/2011 | D3A | --- | 25 | |
| 9/12/2011 | D3A | --- | 50 | |
| 9/12/2011 | D4 | 719 | 0 | 55 |
| 9/12/2011 | D4 | 720 | 25 | |
| 9/12/2011 | D4 | 721 | 50 | |
| 9/12/2011 | D5 | 705 | 0 | 55 |
| 9/12/2011 | D5 | 706 | 25 | |
| 9/12/2011 | D5 | 707 | 50 | |
| 9/12/2011 | D6 | --- | 0 | |
| 9/12/2011 | D6 | --- | 25 | |
| 9/12/2011 | D6 | --- | 50 | |
| 9/12/2011 | E1 | 808 | 0 | 55 |
| 9/12/2011 | E1 | 809 | 50 | |
| 9/12/2011 | E1 | 814 | 100 | |
| 9/12/2011 | E2 | 759 | 0 | 55 |
| 9/12/2011 | E2 | 801 | 50 | |
| 9/12/2011 | E2 | 802 | 100 | |
| 9/12/2011 | E3 | 733 | 0 | 55 |
| 9/12/2011 | E3 | 734 | 46 | |
| 9/12/2011 | E3 | 736 | 92 | |

| | | | | |
|---|---|---|---|---|
| 9/12/2011 | E4 | 724 | 0 | 55 |
| 9/12/2011 | E4 | 726 | 50 | |
| 9/12/2011 | E4 | 727 | 100 | |
| 9/12/2011 | E5 | 659 | 0 | 55 |
| 9/12/2011 | E5 | 701 | 50 | |
| 9/12/2011 | E5 | 702 | 100 | |
| 9/12/2011 | E6 | --- | 0 | |
| 9/12/2011 | E6 | --- | 50 | |
| 9/12/2011 | E6 | --- | 100 | |
| 10/18/2011 | D1 | 858 | 0 | 40 |
| 10/18/2011 | D1 | 900 | 25 | |
| 10/18/2011 | D1 | 901 | 50 | |
| 10/18/2011 | D2 | 823 | 0 | 40 |
| 10/18/2011 | D2 | 824 | 25 | |
| 10/18/2011 | D2 | 825 | 50 | |
| 10/18/2011 | D3 | 759 | 0 | 40 |
| 10/18/2011 | D3 | 800 | 25 | |
| 10/18/2011 | D3 | 801 | 50 | |
| 10/18/2011 | D3A | --- | 0 | |
| 10/18/2011 | D3A | --- | 25 | |
| 10/18/2011 | D3A | --- | 50 | |
| 10/18/2011 | D4 | 725 | 0 | 40 |
| 10/18/2011 | D4 | 726 | 25 | |
| 10/18/2011 | D4 | 727 | 50 | |
| 10/18/2011 | D5 | 702 | 0 | 40 |
| 10/18/2011 | D5 | 703 | 25 | |
| 10/18/2011 | D5 | 704 | 50 | |
| 10/18/2011 | D6 | --- | 0 | |
| 10/18/2011 | D6 | --- | 25 | |
| 10/18/2011 | D6 | --- | 50 | |
| 10/18/2011 | E1 | 846 | 0 | 40 |
| 10/18/2011 | E1 | 848 | 50 | |
| 10/18/2011 | E1 | 850 | 100 | |
| 10/18/2011 | E2 | 831 | 0 | 40 |
| 10/18/2011 | E2 | 833 | 50 | |
| 10/18/2011 | E2 | 835 | 100 | |
| 10/18/2011 | E3 | 748 | 0 | 40 |
| 10/18/2011 | E3 | 749 | 46 | |
| 10/18/2011 | E3 | 751 | 92 | |
| 10/18/2011 | E4 | 734 | 0 | 40 |
| 10/18/2011 | E4 | 736 | 50 | |
| 10/18/2011 | E4 | 738 | 100 | |
| 10/18/2011 | E5 | 650 | 0 | 40 |
| 10/18/2011 | E5 | 652 | 50 | |

| | | | | |
|---|---|---|---|---|
| 10/18/2011 | E5 | 654 | 100 | |
| 10/18/2011 | E6 | --- | 0 | |
| 10/18/2011 | E6 | --- | 50 | |
| 10/18/2011 | E6 | --- | 100 | |
| 11/3/2011 | D1 | 829 | 0 | 40 |
| 11/3/2011 | D1 | 830 | 25 | |
| 11/3/2011 | D1 | 831 | 50 | |
| 11/3/2011 | D2 | 802 | 0 | 40 |
| 11/3/2011 | D2 | 803 | 25 | |
| 11/3/2011 | D2 | 809 | 50 | |
| 11/3/2011 | D3 | 705 | 0 | 40 |
| 11/3/2011 | D3 | 706 | 25 | |
| 11/3/2011 | D3 | 707 | 50 | |
| 11/3/2011 | D3A | --- | 0 | |
| 11/3/2011 | D3A | --- | 25 | |
| 11/3/2011 | D3A | --- | 50 | |
| 11/3/2011 | D4 | 729 | 0 | 40 |
| 11/3/2011 | D4 | 730 | 25 | |
| 11/3/2011 | D4 | 731 | 50 | |
| 11/3/2011 | D5 | 743 | 0 | 40 |
| 11/3/2011 | D5 | 744 | 25 | |
| 11/3/2011 | D5 | 745 | 50 | |
| 11/3/2011 | D6 | --- | 0 | 0 |
| 11/3/2011 | D6 | --- | 25 | |
| 11/3/2011 | D6 | --- | 50 | |
| 11/3/2011 | E1 | 822 | 0 | 40 |
| 11/3/2011 | E1 | 823 | 50 | |
| 11/3/2011 | E1 | 826 | 100 | |
| 11/3/2011 | E2 | 813 | 0 | 40 |
| 11/3/2011 | E2 | 814 | 50 | |
| 11/3/2011 | E2 | 817 | 100 | |
| 11/3/2011 | E3 | 711 | 0 | 40 |
| 11/3/2011 | E3 | 711 | 46 | |
| 11/3/2011 | E3 | 713 | 92 | |
| 11/3/2011 | E4 | 721 | 0 | 40 |
| 11/3/2011 | E4 | 722 | 50 | |
| 11/3/2011 | E4 | 725 | 100 | |
| 11/3/2011 | E5 | 736 | 0 | 40 |
| 11/3/2011 | E5 | 738 | 50 | |
| 11/3/2011 | E5 | 740 | 100 | |
| 11/3/2011 | E6 | --- | 0 | |
| 11/3/2011 | E6 | --- | 50 | |
| 11/3/2011 | E6 | --- | 100 | |
| 12/5/2011 | D1 | 834 | 0 | 70 |

| | | | | |
|---|---|---|---|---|
| 12/5/2011 | D1 | 835 | 25 | |
| 12/5/2011 | D1 | 836 | 50 | |
| 12/5/2011 | D2 | 815 | 0 | 70 |
| 12/5/2011 | D2 | 816 | 25 | |
| 12/5/2011 | D2 | 816 | 50 | |
| 12/5/2011 | D3 | 718 | 0 | 70 |
| 12/5/2011 | D3 | 720 | 25 | |
| 12/5/2011 | D3 | 720 | 50 | |
| 12/5/2011 | D3A | --- | 0 | |
| 12/5/2011 | D3A | --- | 25 | |
| 12/5/2011 | D3A | --- | 50 | |
| 12/5/2011 | D4 | 740 | 0 | 70 |
| 12/5/2011 | D4 | 741 | 25 | |
| 12/5/2011 | D4 | 742 | 50 | |
| 12/5/2011 | D5 | 747 | 0 | 70 |
| 12/5/2011 | D5 | 748 | 25 | |
| 12/5/2011 | D5 | 749 | 50 | |
| 12/5/2011 | D6 | --- | 0 | 0 |
| 12/5/2011 | D6 | --- | 25 | |
| 12/5/2011 | D6 | --- | 50 | |
| 12/5/2011 | E1 | 827 | 0 | 70 |
| 12/5/2011 | E1 | 829 | 50 | |
| 12/5/2011 | E1 | 830 | 100 | |
| 12/5/2011 | E2 | 819 | 0 | 70 |
| 12/5/2011 | E2 | 821 | 50 | |
| 12/5/2011 | E2 | 822 | 100 | |
| 12/5/2011 | E3 | 724 | 0 | 70 |
| 12/5/2011 | E3 | 726 | 46 | |
| 12/5/2011 | E3 | 727 | 92 | |
| 12/5/2011 | E4 | 734 | 0 | 70 |
| 12/5/2011 | E4 | 736 | 50 | |
| 12/5/2011 | E4 | 737 | 100 | |
| 12/5/2011 | E5 | 752 | 0 | 70 |
| 12/5/2011 | E5 | 754 | 50 | |
| 12/5/2011 | E5 | 755 | 100 | |
| 12/5/2011 | E6 | --- | 0 | |
| 12/5/2011 | E6 | --- | 50 | |
| 12/5/2011 | E6 | --- | 100 | |

| Tide hgt (ft) | Tide stage (0154) | Odor Floatable n/p | Wind low (m/h) | Wind high (m/h) | Wind dir (deg) | Water color (0394) | Wea-ther (0108) | Sea state (0109) | Wave hgt (0362) | Wave direction. (se) | Fecal Coliform (No./100ml) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.3 | 1 | N | 2 | 3 | N | 1 | 1 | 2 | 1 | SE | |
| 0.5 | 1 | N | 4 | 5 | N | 2 | 1 | 2 | 1 | SE | |
| 1 | 1 | N | 2 | 3 | N | 2 | 1 | 2 | 1 | SE | |
| 0.8 | 1 | N | 5 | 6 | N | 2 | 1 | 2 | 1 | SE | |
| 0.6 | 1 | N | 3 | 4 | N | 2 | 1 | 2 | 1 | SE | |
| 0.4 | 1 | N | 5 | 6 | N | 2 | 1 | 2 | 1 | SE | |
| 0.4 | 1 | N | 4 | 5 | N | 1 | 1 | 2 | 1 | SE | |
| 1 | 1 | N | 2 | 3 | N | 1 | 1 | 2 | 1 | SE | |
| 0.8 | 1 | N | 2 | 3 | N | 1 | 1 | 2 | 1 | SE | |
| 0.7 | 1 | N | 2 | 3 | N | 1 | 1 | 2 | 1 | SE | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.7 | 1 | N | 3 | 4 | NE | 1 | 1 | 2 | 1 | SE |
| 0.9 | 1 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | SE |
| 0.9 | 1 | N | 2 | 3 | NE | 1 | 1 | 2 | 1 | SE |
| 1 | 1 | N | 5 | 6 | NE | 1 | 1 | 2 | 1 | SE |
| 1.1 | 1 | N | 6 | 7 | NE | 1 | 1 | 2 | 1 | SE |
| 0.8 | 1 | N | 4 | 5 | NE | 1 | 1 | 2 | 1 | SE |
| 0.8 | 1 | P | 3 | 4 | NE | 2 | 1 | 2 | 1 | SE |
| 1 | 1 | N | 5 | 6 | NE | 1 | 1 | 2 | 1 | SE |
| 1 | 1 | N | 3 | 4 | NE | 1 | 1 | 2 | 1 | SE |
| 1.1 | 1 | N | 4 | 5 | E | 1 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.5 | 1 | N | 3 | 5 | NE | 2 | 1 | 2 | 1 | SE |
| 0.6 | 1 | N | 7 | 9 | NE | 1 | 1 | 2 | 1 | SE |
| 0.8 | 1 | N | 6 | 7 | E | 1 | 1 | 2 | 1 | SE |
| 0.7 | 1 | N | 2 | 4 | NE | 1 | 1 | 2 | 1 | SE |
| 0.7 | 1 | N | 3 | 4 | E | 1 | 1 | 1 | 1 | SE |
| 0.5 | 1 | N | 5 | 7 | NE | 1 | 1 | 2 | 1 | SE |
| 0.5 | 1 | N | 5 | 7 | NE | 1 | 1 | 2 | 1 | SE |
| 0.8 | 1 | N | 4 | 7 | NE | 1 | 1 | 2 | 1 | SE |
| 0.7 | 1 | N | 3 | 4 | NE | 1 | 1 | 2 | 1 | SE |
| 0.7 | 1 | N | 3 | 5 | NE | 1 | 1 | 2 | 1 | SE |
| 0.1 | 3 | N | 1 | 2 | N | 2 | 1 | 2 | 1 | SE |
| 0 | 3 | N | 2 | 3 | N | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| -0.1 | 3 | N | 3 | 4 | N | 2 | 1 | 2 | 1 | SE |
| -0.1 | 3 | N | 3 | 4 | N | 1 | 1 | 2 | 1 | SE |
| -0.1 | 2 | N | 1 | 2 | N | 2 | 1 | 2 | 1 | SE |
| 0 | 3 | N | 1 | 2 | N | 1 | 1 | 2 | 1 | SE |
| 0 | 3 | P | 2 | 3 | N | 2 | 1 | 2 | 1 | SE |
| -0.1 | 3 | N | 4 | 5 | N | 1 | 1 | 2 | 1 | SE |
| -0.1 | 3 | N | 3 | 4 | N | 1 | 1 | 2 | 1 | SE |
| -0.1 | 1 | N | 3 | 4 | N | 1 | 1 | 2 | 1 | SE |
| -0.2 | 1 | N | 4 | 7 | N | 2 | 1 | 1 | 1 | SE |
| -0.1 | 1 | N | 2 | 3 | N | 1 | 1 | 1 | 1 | SE |
| 0.1 | 1 | N | 5 | 7 | N | 1 | 1 | 1 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.1 | 1 | N | 5 | 7 | N | 3 | 5 | 1 | 1 | SE |
| 0 | 1 | N | 3 | 4 | N | 1 | 1 | 1 | 1 | SE |
| -0.2 | 1 | N | 2 | 3 | N | 1 | 1 | 1 | 1 | SE |
| -0.1 | 1 | N | 4 | 6 | N | 1 | 1 | 1 | 1 | SE |
| 0.1 | 1 | N | 3 | 4 | N | 1 | 1 | 1 | 1 | SE |
| 0.1 | 1 | N | 8 | 10 | N | 2 | 8 | 1 | 1 | SE |
| 0 | 1 | N | 3 | 5 | N | 1 | 1 | 1 | 1 | SE |
| 0.6 | 3 | N | 8 | 10 | NE | 1 | 1 | 2 | 1 | SE |
| 0.6 | 3 | N | 6 | 8 | NE | 1 | 1 | 2 | 1 | SE |
| 0.5 | 3 | N | 8 | 10 | NE | 1 | 1 | 2 | 1 | SE |
| 0.5 | 3 | N | 5 | 7 | NE | 1 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.3 | 3 | N | 6 | 8 | NE | 1 | 1 | 2 | 1 | SE |
| 0.6 | 3 | N | 7 | 9 | NE | 1 | 1 | 2 | 1 | SE |
| 0.6 | 3 | N | 10 | 12 | NE | 1 | 1 | 2 | 1 | SE |
| 0.5 | 3 | N | 10 | 12 | NE | 1 | 1 | 2 | 1 | SE |
| 0.5 | 3 | N | 7 | 9 | NE | 1 | 1 | 2 | 1 | SE |
| 0.4 | 3 | N | 6 | 8 | NE | 1 | 1 | 2 | 1 | SE |
| 0.4 | 3 | N | 0 | 1 | NE | 1 | 0 | 1 | 0 | SE |
| 0.2 | 3 | N | 0 | 1 | NE | 1 | 0 | 1 | 0 | SE |
| 0.2 | 3 | N | 0 | 1 | NE | 1 | 0 | 1 | 0 | SE |
| 0.1 | 3 | N | 0 | 1 | NE | 1 | 0 | 1 | 0 | SE |
| 0 | 3 | N | 1 | 2 | NE | 1 | 0 | 1 | 0 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.4 | 3 | N | 1 | 2 | NE | 1 | 0 | 1 | 0 | SE |
| 0.3 | 3 | N | 0 | 1 | NE | 1 | 0 | 1 | 0 | SE |
| 0.1 | 3 | N | 0 | 1 | NE | 1 | 0 | 1 | 0 | SE |
| 0.1 | 3 | N | 0 | 1 | NE | 1 | 0 | 1 | 0 | SE |
| 0 | 3 | N | 1 | 2 | E | 1 | 0 | 1 | 0 | SE |
| | | | | | | | | | | |
| -0.1 | 2 | N | 10 | 11 | NE | 2 | 1 | 2 | 1 | SE |
| -0.1 | 1 | N | 7 | 8 | NE | 1 | 1 | 2 | 1 | SE |
| -0.1 | 1 | N | 4 | 5 | NE | 1 | 1 | 2 | 1 | SE |
| | | | | | | | | | | |
| 0 | 1 | N | 7 | 8 | NE | 1 | 1 | 2 | 1 | SE |
| 0.1 | 1 | N | 5 | 6 | NE | 1 | 1 | 2 | 1 | SE |
| | | | | | | | | | | |
| -0.1 | 1 | N | 12 | 13 | NE | 1 | 1 | 2 | 1 | SE |
| -0.1 | 1 | N | 5 | 6 | NE | 1 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| -0.1 | 1 | N | 7 | 8 | NE | 1 | 1 | 2 | 1 | SE |
| 0 | 1 | N | 7 | 8 | NE | 1 | 1 | 2 | 1 | SE |
| 0.1 | 1 | N | 7 | 8 | NE | 1 | 1 | 2 | 1 | SE |
| | | | | | | | | | | |
| 0.5 | 1 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 | SE |
| 0.5 | 1 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 | SE |
| 0.6 | 1 | N | 3 | 4 | NE | 1 | 1 | 2 | 1 | SE |
| | | | | | | | | | | |
| 0.8 | 1 | N | 1 | 2 | NE | 1 | 1 | 2 | 1 | SE |
| 0.9 | 1 | N | 4 | 5 | NE | 1 | 1 | 2 | 1 | SE |
| | | | | | | | | | | |
| 0.5 | 1 | N | 4 | 5 | NE | 1 | 1 | 2 | 1 | SE |
| 0.5 | 1 | N | 2 | 3 | NE | 1 | 1 | 2 | 1 | SE |
| 0.7 | 1 | N | 3 | 4 | NE | 1 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.7 | 1 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 | SE |
| 0.9 | 1 | N | 5 | 6 | NE | 1 | 1 | 2 | 1 | SE |
| 1.8 | 1 | N | 2 | 3 | N | 1 | 1 | 2 | 1 | SE |
| 1.8 | 4 | N | 4 | 5 | N | 1 | 1 | 2 | 1 | SE |
| 1.8 | 3 | N | 7 | 8 | NE | 2 | 1 | 2 | 1 | SE |
| 1.8 | 3 | N | 3 | 4 | NE | 1 | 1 | 2 | 1 | SE |
| 1.7 | 3 | N | 4 | 5 | NE | 1 | 1 | 2 | 1 | SE |
| 1.8 | 4 | N | 2 | 3 | N | 2 | 1 | 2 | 1 | SE |
| 1.8 | 4 | N | 2 | 3 | NE | 1 | 1 | 2 | 1 | SE |
| 1.8 | 3 | N | 9 | 10 | NE | 1 | 1 | 2 | 1 | SE |
| 1.8 | 3 | N | 8 | 9 | NE | 1 | 1 | 2 | 1 | SE |
| 1.7 | 3 | N | 5 | 6 | NE | 1 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.4 | 3 | N | 5 | 7 | NE | 3 | 1 | 2 | 2 | SE |
| 1.3 | 3 | N | 5 | 7 | NE | 1 | 1 | 2 | 2 | SE |
| 1.1 | 3 | N | 8 | 10 | NE | 1 | 1 | 2 | 2 | SE |
| 1.2 | 3 | N | 5 | 7 | NE | 1 | 1 | 2 | 1 | SE |
| 1.2 | 3 | N | 10 | 12 | NE | 1 | 1 | 2 | 1 | SE |
| 0 | | | | | | | | | | |
| 1.3 | 3 | N | 5 | 7 | NE | 2 | 1 | 2 | 2 | SE |
| 1.3 | 3 | N | 9 | 11 | NE | 1 | 5 | 2 | 2 | SE |
| 1.1 | 3 | N | 8 | 10 | NE | 1 | 1 | 2 | 2 | SE |
| 1.1 | 3 | N | 7 | 9 | NE | 1 | 1 | 2 | 2 | SE |
| 1.2 | 3 | N | 10 | 12 | E | 1 | 1 | 2 | 2 | SE |
| 0.7 | 3 | N | 7 | 8 | NE | 2 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.7 | 3 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 1 | N | 6 | 7 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 2 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 2 | N | 2 | 3 | NE | 2 | 1 | 2 | 1 | SE |
| 0 | | | | | | | | | | |
| 0.7 | 3 | N | 7 | 8 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 3 | N | 4 | 5 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 2 | N | 5 | 6 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 2 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 | SE |
| 0.7 | 2 | N | 3 | 4 | NE | 2 | 1 | 2 | 1 | SE |

| Less than (<) | Entero-coccus (No./100ml) | Clostridium perfringens (No./100ml) | Remarks |
|---|---|---|---|
| < | 0.9 | | NO REMARKS |
| | 1.5 | | |
| < | 0.9 | | |
| < | 0.9 | | NO REMARKS |
| | 38 | | |
| < | 0.9 | | |
| < | 0.9 | | NO REMARKS |
| < | 0.9 | | |
| < | 0.9 | | |
| | 1.5 | | NO REMARKS |
| < | 0.9 | | |
| | 0.9 | | |
| < | 0.9 | | NO REMARKS |
| < | 0.9 | | |
| < | 0.9 | | |
| < | 0.9 | | NO REMARKS |
| < | 0.9 | | |
| < | 0.9 | | |
| < | 0.9 | | NO REMARKS |
| < | 0.9 | | |
| | 2 | | |
| < | 0.9 | | NO REMARKS |
| | 0.9 | | |
| < | 0.9 | | |
| | 0.9 | | NO REMARKS |
| | 0.9 | | |
| < | 0.9 | | |
| < | 0.9 | | NO REMARKS |

| | | |
|---|---|---|
| | 0.9 | |
| < | 0.9 | |
| | | |
| | | |
| | 2 | NO REMARKS |
| | 2 | |
| < | 0.9 | |
| | 3 | NO REMARKS |
| | 10 | |
| | 3 | |
| | 70 | NO REMARKS |
| | 0.9 | |
| | 3 | |
| | | |
| | | |
| | 27 | NO REMARKS |
| | 0.9 | |
| < | 0.9 | |
| | 47 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| | | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 0.9 | |
| | 0.9 | NO REMARKS |
| | 3 | |
| < | 0.9 | |
| | 95 | NO REMARKS |
| | 4 | |
| | 0.9 | |
| | 45 | NO REMARKS |
| | 5 | |
| | 0.9 | |
| | 20 | NO REMARKS |
| | 0.9 | |
| | 0.9 | |

| | | |
|---|---|---|
| | 3 | NO REMARKS |
| | 220 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| | 0.9 | |
| < | 0.9 | |
| | 0.9 | NO REMARKS |
| | 0.9 | |
| | 0.9 | |
| | 14 | NO REMARKS |
| | 2 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| | 4 | |
| < | 0.9 | |
| | 27 | NO REMARKS |
| | 1100 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 0.9 | |
| < | 0.9 | NO REMARKS |
| | 0.9 | |

| | | |
|---|---|---|
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| | | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | USED SPARE BOTTLE FOR BOTTOM SAMPLE |
| | 3 | |
| < | 0.9 | |
| | | |
| | | |
| < | 0.9 | NO REMARKS |
| | 0.9 | |
| < | 0.9 | |
| | 2 | SURFACE - ODOR PRESENT |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| | | |
| < | 0.9 | HEAVY RAINS PRIOR TO SAMPLING |
| < | 0.9 | |
| | 0.9 | |
| < | 0.9 | HEAVY RAINS PRIOR TO SAMPLING |
| | 0.9 | |
| | 21 | |
| | 11 | HEAVY RAINS PRIOR TO SAMPLING |
| | 5 | |
| < | 0.9 | |

| | | |
|---|---|---|
| | 420 | HEAVY RAINS PRIOR TO SAMPLING |
| < | 0.9 | |
| < | 0.9 | |
| | 580 | HEAVY RAINS PRIOR TO SAMPLING |
| | 3 | |
| | 5 | |
| | | |
| | | |
| < | 0.9 | HEAVY RAINS PRIOR TO SAMPLING |
| | 0.9 | |
| | 2 | |
| < | 0.9 | HEAVY RAINS PRIOR TO SAMPLING |
| | 15 | |
| | 3 | |
| < | 0.9 | HEAVY RAINS PRIOR TO SAMPLING |
| < | 0.9 | |
| | 4 | |
| | 310 | HEAVY RAINS PRIOR TO SAMPLING |
| | 0.9 | |
| | 2 | |
| | 31 | HEAVY RAINS PRIOR TO SAMPLING |
| < | 0.9 | |
| | 0.9 | |
| | | |
| | | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 0.9 | |
| | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 2 | |
| | | |
| | | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |

| | | |
|---|---|---|
| < | 0.9 | NO REMARKS |
| | 0.9 | |
| < | 0.9 | |
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| | | |
| < | 0.9 | NO REMARKS |
| | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 5 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 2 | |
| < | 0.9 | NO REMARKS |
| | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| | 0.9 | |
| < | 0.9 | |
| | | |
| | | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| | 2 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| | 2 | |
| | 2 | |
| | | |
| | | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |

| | | |
|---|---|---|
| < | 0.9 | USED SPARE BOTTLE FOR BIOLOGY SURFACE |
| | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 7 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| | 2 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |

| | | |
|---|---|---|
| < | 0.9 | |
| | 2 | |
| < | 0.9 | NO REMARKS |
| | 2 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| | 0.9 | |
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| < | 0.9 | NO REMARKS |
| | 0.9 | |
| | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
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| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| | 0.9 | |
| | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 2 | |

| | | |
|---|---|---|
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |

| | | |
|---|---|---|
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 2 | |
| | 0.9 | NO REMARKS |
| | 0.9 | |
| | 0.9 | |

| | | |
|---|---|---|
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |

| | | |
|---|---|---|
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | USED SPARE BOTTLE FOR E2 BOTTOM |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| | 3 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |

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|---|---|---|
| < | 0.9 | |
| | | |
| | | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 2 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| | | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 5 | |
| | 2 | NO REMARKS |
| < | 0.9 | |
| | 2 | |
| | | |
| | | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 2 | |
| < | 0.9 | NO REMARKS |
| | 2 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| | | |
| | | |
| | 2 | NO REMARKS |

| | | |
|---|---|---|
| | 2 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 5 | |
| | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| | 2 | NO REMARKS |
| | 4 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| | 0.9 | NO REMARKS |
| | 0.9 | |
| | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |

RESULTS OF BACTERIAL ANALYSES AND FIELD OBSERVATIONS
J:/_MC\M&C/WWTPlants/wwtpmicro & Oceanlogs/2011microbiology.xls
WAIANAE OCEAN OUTFALL - SHORELINE STATIONS
01-Jun-15

| DATE | Station | Time | Depth (m) | CTD on (hhmm) | CTD off (hhmm) | Light ext. coeff. | Secchi depth (feet) | Cloud cover (%) |
|---|---|---|---|---|---|---|---|---|
| 1/26/2011 | WS1 | 751 | 0 | | | | | 15 |
| 1/26/2011 | WS2 | 739 | 0 | | | | | 15 |
| 1/26/2011 | WS3 | 731 | 0 | | | | | 15 |
| 1/26/2011 | WS4 | 721 | 0 | | | | | 15 |
| 1/26/2011 | WS5 | 710 | 0 | | | | | 15 |
| 2/22/2011 | WS1 | 818 | 0 | | | | | 70 |
| 2/22/2011 | WS2 | 721 | 0 | | | | | 70 |
| 2/22/2011 | WS3 | 730 | 0 | | | | | 70 |
| 2/22/2011 | WS4 | 742 | 0 | | | | | 70 |
| 2/22/2011 | WS5 | 755 | 0 | | | | | 70 |
| 3/18/2011 | WS1 | 817 | 0 | | | | | 60 |
| 3/18/2011 | WS2 | 802 | 0 | | | | | 60 |
| 3/18/2011 | WS3 | 753 | 0 | | | | | 60 |
| 3/18/2011 | WS4 | 745 | 0 | | | | | 60 |
| 3/18/2011 | WS5 | 726 | 0 | | | | | 60 |
| 4/19/2011 | WS1 | 734 | 0 | | | | | 75 |
| 4/19/2011 | WS2 | 725 | 0 | | | | | 75 |
| 4/19/2011 | WS3 | 717 | 0 | | | | | 75 |
| 4/19/2011 | WS4 | 709 | 0 | | | | | 75 |
| 4/19/2011 | WS5 | 653 | 0 | | | | | 75 |
| 5/17/2011 | WS1 | 733 | 0 | | | | | 25 |
| 5/17/2011 | WS2 | 640 | 0 | | | | | 25 |
| 5/17/2011 | WS3 | 649 | 0 | | | | | 25 |
| 5/17/2011 | WS4 | 658 | 0 | | | | | 25 |
| 5/17/2011 | WS5 | 716 | 0 | | | | | 25 |
| 6/7/2011 | WS1 | 725 | 0 | | | | | 35 |
| 6/7/2011 | WS2 | 633 | 0 | | | | | 35 |
| 6/7/2011 | WS3 | 641 | 0 | | | | | 35 |
| 6/7/2011 | WS4 | 648 | 0 | | | | | 35 |
| 6/7/2011 | WS5 | 710 | 0 | | | | | 35 |
| 7/12/2011 | WS1 | 744 | 0 | | | | | 15 |
| 7/12/2011 | WS2 | 732 | 0 | | | | | 15 |
| 7/12/2011 | WS3 | 720 | 0 | | | | | 15 |
| 7/12/2011 | WS4 | 711 | 0 | | | | | 15 |

| | | | | |
|---|---|---|---|---|
| 7/12/2011 | WS5 | 656 | 0 | 15 |
| 8/9/2011 | WS1 | 741 | 0 | 25 |
| 8/9/2011 | WS2 | 730 | 0 | 25 |
| 8/9/2011 | WS3 | 647 | 0 | 25 |
| 8/9/2011 | WS4 | 655 | 0 | 25 |
| 8/9/2011 | WS5 | 711 | 0 | 25 |
| 9/6/2011 | WS1 | 706 | 0 | 15 |
| 9/6/2011 | WS2 | 658 | 0 | 15 |
| 9/6/2011 | WS3 | 650 | 0 | 15 |
| 9/6/2011 | WS4 | 640 | 0 | 15 |
| 9/6/2011 | WS5 | 630 | 0 | 15 |
| 10/4/2011 | WS1 | 809 | 0 | 85 |
| 10/4/2011 | WS2 | 759 | 0 | 85 |
| 10/4/2011 | WS3 | 752 | 0 | 85 |
| 10/4/2011 | WS4 | 744 | 0 | 85 |
| 10/4/2011 | WS5 | 736 | 0 | 85 |
| 11/1/2011 | WS1 | 719 | 0 | 95 |
| 11/1/2011 | WS2 | 706 | 0 | 95 |
| 11/1/2011 | WS3 | 655 | 0 | 95 |
| 11/1/2011 | WS4 | 645 | 0 | 95 |
| 11/1/2011 | WS5 | 628 | 0 | 95 |
| 12/7/2011 | WS1 | 724 | 0 | 10 |
| 12/7/2011 | WS2 | 715 | 0 | 10 |
| 12/7/2011 | WS3 | 706 | 0 | 10 |
| 12/7/2011 | WS4 | 654 | 0 | 10 |
| 12/7/2011 | WS5 | 642 | 0 | 10 |

| Tide hgt (ft) | Tide stage (0154) | Odor Floatable n/p | Wind low (m/h) | Wind high (m/h) | Wind dir (deg) | Water color (0394) | Wea-ther (0108) | Sea state (0109) | Wave hgt (0362) | Wave direction. (se) | Fecal Coliform (No./100ml) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.9 | 3 | N | 1 | 2 | N | 2 | 1 | 2 | 1 | | |
| 0.9 | 3 | N | 1 | 2 | E | 2 | 1 | 2 | 1 | | |
| 0.9 | 3 | N | 0 | 1 | N | 2 | 1 | 2 | 1 | | |
| 0.9 | 3 | N | 0 | 1 | N | 2 | 1 | 1 | 1 | | |
| 0.9 | 3 | N | 1 | 2 | N | 2 | 1 | 1 | 2 | | |
| 0.8 | 1 | N | 1 | 2 | N | 1 | 1 | 1 | 0 | | |
| 1.1 | 1 | N | 2 | 3 | NE | 1 | 1 | 2 | 1 | | |
| 1 | 1 | N | 1 | 2 | N | 2 | 1 | 2 | 0 | | |
| 0.9 | 1 | N | 1 | 2 | NE | 2 | 1 | 2 | 0 | | |
| 0.9 | 1 | N | 1 | 2 | N | 2 | 1 | 2 | 0 | | |
| -0.1 | 1 | N | 1 | 3 | E | 2 | 1 | 1 | 0 | | |
| 0 | 1 | N | 7 | 9 | NE | 2 | 1 | 1 | 1 | | |
| 0 | 1 | N | 3 | 4 | NE | 2 | 1 | 1 | 0 | | |
| 0.1 | 1 | N | 3 | 5 | NE | 4 | 1 | 2 | 1 | | |
| 0.2 | 1 | N | 0 | 1 | NE | 2 | 1 | 1 | 0 | | |
| 0.1 | 1 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 | | |
| 0.1 | 1 | N | 1 | 2 | E | 1 | 1 | 2 | 0 | | |
| 0.2 | 1 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 | | |
| 0.2 | 1 | N | 2 | 3 | NE | 2 | 1 | 2 | 0 | | |
| 0.4 | 1 | N | 1 | 2 | N | 1 | 1 | 1 | 0 | | |
| -0.2 | 1 | N | 0 | 1 | E | 2 | 1 | 1 | 0 | | |
| 0 | 1 | N | 0 | 1 | NE | 1 | 1 | 2 | 0 | | |
| 0 | 1 | N | 2 | 3 | N | 1 | 1 | 2 | 0 | | |
| -0.1 | 1 | N | 0 | 1 | NE | 2 | 1 | 2 | 0 | | |
| -0.1 | 1 | N | 0 | 1 | SE | 2 | 1 | 2 | 0 | | |
| 0.7 | 3 | N | 0 | 1 | N | 2 | 1 | 2 | 0 | | |
| 0.5 | 3 | N | 1 | 2 | NE | 1 | 1 | 2 | 0 | | |
| 0.5 | 3 | N | 1 | 2 | N | 2 | 1 | 2 | 0 | | |
| 0.5 | 3 | N | 1 | 2 | NE | 4 | 1 | 2 | 0 | | |
| 0.6 | 3 | N | 1 | 2 | N | 4 | 1 | 2 | 0 | | |
| -0.2 | 3 | N | 1 | 2 | NE | 1 | 1 | 0 | 0 | | |
| -0.2 | 3 | N | 1 | 2 | NE | 2 | 1 | 1 | 0 | | |
| -0.3 | 3 | N | 2 | 3 | E | 1 | 1 | 0 | 0 | | |
| -0.3 | 3 | N | 2 | 3 | SE | 2 | 1 | 1 | 0 | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| -0.3 | 2 | N | 0 | 1 | N | 1 | 1 | 1 | 0 |
| 0.2 | 3 | N | 3 | 4 | NE | 1 | 1 | 1 | 0 |
| 0.1 | 3 | N | 4 | 5 | NE | 2 | 1 | 2 | 0 |
| 0 | 3 | N | 0 | 1 | E | 2 | 1 | 1 | 0 |
| 0.1 | 3 | N | 1 | 2 | NE | 2 | 1 | 2 | 0 |
| 0.1 | 3 | N | 1 | 2 | NE | 3 | 1 | 2 | 0 |
| 0.5 | 3 | N | 2 | 3 | NE | 2 | 1 | 1 | 0 |
| 0.5 | 3 | N | 2 | 3 | E | 2 | 1 | 1 | 1 |
| 0.5 | 3 | N | 0 | 1 | E | 2 | 1 | 1 | 0 |
| 0.5 | 3 | N | 0 | 1 | NE | 2 | 1 | 1 | 1 |
| 0.4 | 3 | N | 2 | 3 | NE | 2 | 1 | 1 | 0 |
| 1.5 | 3 | N | 1 | 2 | E | 2 | 1 | 2 | 0 |
| 1.5 | 3 | N | 4 | 5 | SE | 2 | 2 | 2 | 0 |
| 1.4 | 3 | N | 2 | 3 | E | 3 | 2 | 2 | 0 |
| 1.4 | 3 | N | 3 | 4 | NE | 2 | 5 | 3 | 2 |
| 1.3 | 3 | N | 1 | 2 | NE | 2 | 2 | 2 | 0 |
| 1.8 | 3 | N | 2 | 3 | NE | 2 | 6 | 2 | 1 |
| 1.8 | 3 | N | 0 | 1 | NE | 2 | 1 | 2 | 1 |
| 1.8 | 3 | N | 0 | 1 | S | 3 | 1 | 1 | 0 |
| 1.7 | 3 | N | 0 | 1 | N | 3 | 1 | 2 | 1 |
| 1.7 | 3 | N | 2 | 3 | N | 1 | 1 | 2 | 1 |
| 0.7 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 1 |
| 0.8 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 1 |
| 0.9 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 1 |
| 0.9 | 1 | N | 0 | 1 | N | 2 | 1 | 1 | 1 |
| 1 | 1 | N | 0 | 1 | N | 2 | 0 | 1 | 1 |

| Less than (<) | Entero-coccus (No./100ml) | Clostridium perfringens (No./100ml) | Remarks |
|---|---|---|---|
| | 4 | | NO REMARKS |
| | 15 | | NO REMARKS |
| | 5 | | NO REMARKS |
| | 2 | | NO REMARKS |
| | 15 | | HOMELESS LIVING AT SAMPLE SITE |
| < | 0.9 | | HEAVY RAIN PRIOR TO SAMPLING |
| | 2 | | HEAVY RAIN PRIOR TO SAMPLING |
| | 12 | | HEAVY RAIN PRIOR TO SAMPLING |
| | 4 | | HOMELESS LIVING AT SAMPLE SITE; HEAVY RAIN PRIOF |
| < | 0.9 | | HEAVY RAIN PRIOR TO SAMPLING |
| | 0.9 | | NO REMARKS |
| < | 0.9 | | NO REMARKS |
| < | 0.9 | | NO REMARKS |
| | 2 | | NO REMARKS |
| < | 0.9 | | NO REMARKS |
| | 0.9 | | NO REMARKS |
| < | 0.9 | | NO REMARKS |
| | 0.9 | | NO REMARKS |
| | 2 | | HOMELESS LIVING AT SAMPLE SITE |
| | 0.9 | | HOMELESS LIVING AT SAMPLE SITE |
| | 5 | | NO REMARKS |
| < | 0.9 | | HOMELESS LIVING AT SAMPLE SITE |
| < | 0.9 | | NO REMARKS |
| | 12 | | NO REMARKS |
| < | 0.9 | | HOMELESS LIVING AT SAMPLE SITE |
| < | 0.9 | | NO REMARKS |
| < | 0.9 | | NO REMARKS |
| < | 0.9 | | NO REMARKS |
| | 2 | | HOMELESS LIVING AT SAMPLE SITE |
| | 5 | | HOMELESS LIVING AT SAMPLE SITE |
| < | 0.9 | | SWIMMERS AT SAMPLE SITE |
| < | 0.9 | | NO REMARKS |
| < | 0.9 | | FISHERMEN AT SAMPLE SITE |
| < | 0.9 | | NO REMARKS |

| | | |
|---|---|---|
| | 2 | NO REMARKS |
| | 1 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | HOMELESS LIVING AT SAMPLE SITE |
| < | 0.9 | HOMELESS LIVING AT SAMPLE SITE |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | HIGH SURF |
| | 9 | HIGH SURF |
| | 4 | HIGH SURF |
| | 3 | HIGH SURF |
| | 2 | HIGH SURF |
| | 15 | NO REMARKS |
| | 2 | NO REMARKS |
| | 12 | NO REMARKS |
| | 20 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 23 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| | 2 | NO REMARKS |
| < | 0.9 | NO REMARKS |
| < | 0.9 | NO REMARKS |

R TO SAMPLING

ANALYSES AND FIELD OBSERVATIONS
J:/_MC\M&C/WWTPlants/wwtpmicro & Oceanlogs/2011microbiology.xls
WAIANAE OCEAN OUTFALL - NEARSHORE STATIONS
01-Jun-15

| DATE | Station | Time | Depth (m) | CTD on (hhmm) | CTD off (hhmm) | Light ext. coeff. | Secchi depth (feet) | Cloud cover (%) |
|---|---|---|---|---|---|---|---|---|
| 1/26/2011 | WN1 | 716 | 0 | | | | | 50 |
| 1/26/2011 | WN1 | 716 | 10 | | | | | |
| 1/26/2011 | WN2 | 721 | 0 | | | | | 50 |
| 1/26/2011 | WN2 | 721 | 9 | | | | | |
| 1/26/2011 | WN3 | 801 | 0 | | | | | 50 |
| 1/26/2011 | WN3 | 801 | 8 | | | | | |
| 1/26/2011 | WN4 | 807 | 0 | | | | | 50 |
| 1/26/2011 | WN4 | 807 | 9 | | | | | |
| 1/26/2011 | WN5 | 812 | 0 | | | | | 50 |
| 1/26/2011 | WN5 | 812 | 9 | | | | | |
| 2/22/2011 | WN1 | 827 | 0 | | | | | 50 |
| 2/22/2011 | WN1 | 828 | 10 | | | | | |
| 2/22/2011 | WN2 | 834 | 0 | | | | | 50 |
| 2/22/2011 | WN2 | 835 | 9 | | | | | |
| 2/22/2011 | WN3 | 916 | 0 | | | | | 50 |
| 2/22/2011 | WN3 | 917 | 8 | | | | | |
| 2/22/2011 | WN4 | 923 | 0 | | | | | 50 |
| 2/22/2011 | WN4 | 924 | 9 | | | | | |
| 2/22/2011 | WN5 | 929 | 0 | | | | | 50 |
| 2/22/2011 | WN5 | 930 | 9 | | | | | |
| 3/18/2011 | WN1 | 744 | 0 | | | | | 90 |
| 3/18/2011 | WN1 | 744 | 10 | | | | | |
| 3/18/2011 | WN2 | 750 | 0 | | | | | 90 |
| 3/18/2011 | WN2 | 750 | 9 | | | | | |
| 3/18/2011 | WN3 | 758 | 0 | | | | | 90 |
| 3/18/2011 | WN3 | 758 | 8 | | | | | |
| 3/18/2011 | WN4 | 803 | 0 | | | | | 90 |
| 3/18/2011 | WN4 | 803 | 9 | | | | | |
| 3/18/2011 | WN5 | 810 | 0 | | | | | 90 |
| 3/18/2011 | WN5 | 810 | 9 | | | | | |
| 4/19/2011 | WN1 | 757 | 0 | | | | | 70 |
| 4/19/2011 | WN1 | 757 | 10 | | | | | |
| 4/19/2011 | WN2 | 751 | 0 | | | | | 70 |
| 4/19/2011 | WN2 | 751 | 9 | | | | | |

| | | | | |
|---|---|---|---|---|
| 4/19/2011 | WN3 | 746 | 0 | 70 |
| 4/19/2011 | WN3 | 746 | 8 | |
| 4/19/2011 | WN4 | 741 | 0 | 70 |
| 4/19/2011 | WN4 | 741 | 9 | |
| 4/19/2011 | WN5 | 735 | 0 | 70 |
| 4/19/2011 | WN5 | 735 | 9 | |
| 5/17/2011 | WN1 | 746 | 0 | 40 |
| 5/17/2011 | WN1 | 746 | 10 | |
| 5/17/2011 | WN2 | 751 | 0 | 40 |
| 5/17/2011 | WN2 | 752 | 9 | |
| 5/17/2011 | WN3 | 829 | 0 | 40 |
| 5/17/2011 | WN3 | 830 | 8 | |
| 5/17/2011 | WN4 | 833 | 0 | 40 |
| 5/17/2011 | WN4 | 834 | 9 | |
| 5/17/2011 | WN5 | 837 | 0 | 40 |
| 5/17/2011 | WN5 | 838 | 9 | |
| 6/7/2011 | WN1 | 733 | 0 | 35 |
| 6/7/2011 | WN1 | 733 | 10 | |
| 6/7/2011 | WN2 | 738 | 0 | 35 |
| 6/7/2011 | WN2 | 738 | 9 | |
| 6/7/2011 | WN3 | 816 | 0 | 35 |
| 6/7/2011 | WN3 | 816 | 8 | |
| 6/7/2011 | WN4 | 822 | 0 | 35 |
| 6/7/2011 | WN4 | 822 | 9 | |
| 6/7/2011 | WN5 | 827 | 0 | 35 |
| 6/7/2011 | WN5 | 827 | 9 | |
| 7/12/2011 | WN1 | 740 | 0 | 15 |
| 7/12/2011 | WN1 | 740 | 10 | |
| 7/12/2011 | WN2 | 745 | 0 | 15 |
| 7/12/2011 | WN2 | 745 | 9 | |
| 7/12/2011 | WN3 | 831 | 0 | 15 |
| 7/12/2011 | WN3 | 831 | 8 | |
| 7/12/2011 | WN4 | 837 | 0 | 15 |
| 7/12/2011 | WN4 | 838 | 9 | |
| 7/12/2011 | WN5 | 843 | 0 | 15 |
| 7/12/2011 | WN5 | 844 | 9 | |
| 8/9/2011 | WN1 | 742 | 0 | 20 |
| 8/9/2011 | WN1 | 743 | 10 | |
| 8/9/2011 | WN2 | 748 | 0 | 20 |
| 8/9/2011 | WN2 | 748 | 9 | |
| 8/9/2011 | WN3 | 753 | 0 | 20 |
| 8/9/2011 | WN3 | 753 | 8 | |
| 8/9/2011 | WN4 | 723 | 0 | 20 |
| 8/9/2011 | WN4 | 723 | 9 | |

| | | | | |
|---|---|---|---|---|
| 8/9/2011 | WN5 | 728 | 0 | 20 |
| 8/9/2011 | WN5 | 729 | 9 | |
| 9/6/2011 | WN1 | 749 | 0 | 45 |
| 9/6/2011 | WN1 | 749 | 10 | |
| 9/6/2011 | WN2 | 743 | 0 | 45 |
| 9/6/2011 | WN2 | 743 | 9 | |
| 9/6/2011 | WN3 | 736 | 0 | 45 |
| 9/6/2011 | WN3 | 736 | 8 | |
| 9/6/2011 | WN4 | 732 | 0 | 45 |
| 9/6/2011 | WN4 | 732 | 9 | |
| 9/6/2011 | WN5 | 726 | 0 | 45 |
| 9/6/2011 | WN5 | 726 | 9 | |
| 10/4/2011 | WN1 | 732 | 0 | 80 |
| 10/4/2011 | WN1 | 732 | 10 | |
| 10/4/2011 | WN2 | 737 | 0 | 80 |
| 10/4/2011 | WN2 | 737 | 9 | |
| 10/4/2011 | WN3 | 822 | 0 | 80 |
| 10/4/2011 | WN3 | 822 | 8 | |
| 10/4/2011 | WN4 | 827 | 0 | 80 |
| 10/4/2011 | WN4 | 827 | 9 | |
| 10/4/2011 | WN5 | 833 | 0 | 80 |
| 10/4/2011 | WN5 | 833 | 9 | |
| 11/1/2011 | WN1 | 820 | 0 | 80 |
| 11/1/2011 | WN1 | 820 | 10 | |
| 11/1/2011 | WN2 | 815 | 0 | 80 |
| 11/1/2011 | WN2 | 815 | 9 | |
| 11/1/2011 | WN3 | 810 | 0 | 80 |
| 11/1/2011 | WN3 | 810 | 8 | |
| 11/1/2011 | WN4 | 805 | 0 | 80 |
| 11/1/2011 | WN4 | 805 | 9 | |
| 11/1/2011 | WN5 | 759 | 0 | 80 |
| 11/1/2011 | WN5 | 759 | 9 | |
| 12/7/2011 | WN1 | 813 | 0 | 25 |
| 12/7/2011 | WN1 | 813 | 10 | |
| 12/7/2011 | WN2 | 807 | 0 | 25 |
| 12/7/2011 | WN2 | 807 | 9 | |
| 12/7/2011 | WN3 | 801 | 0 | 25 |
| 12/7/2011 | WN3 | 801 | 8 | |
| 12/7/2011 | WN4 | 756 | 0 | 25 |
| 12/7/2011 | WN4 | 756 | 9 | |
| 12/7/2011 | WN5 | 750 | 0 | 25 |
| 12/7/2011 | WN5 | 750 | 9 | |

| Tide hgt (ft) | Tide stage (0154) | Odor Floatable n/p | Wind low (m/h) | Wind high (m/h) | Wind dir (deg) | Water color (0394) | Wea-ther (0108) | Sea state (0109) | Wave hgt (0362) | Wave direction. (se) | Fecal Coliform (No./100ml) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1.6 | 1 | N | 1 | 3 | N | 1 | 1 | 2 | 2 | NW | |
| 1.6 | 1 | N | 0 | 2 | N | 2 | 1 | 2 | 2 | NW | |
| 1.4 | 1 | N | 1 | 3 | NE | 2 | 1 | 2 | 2 | NW | |
| 1.4 | 1 | N | 0 | 2 | E | 1 | 1 | 2 | 2 | NW | |
| 1.4 | 1 | N | 1 | 3 | E | 1 | 1 | 2 | 2 | NW | |
| 0.8 | 1 | N | 1 | 3 | N | 2 | 1 | 1 | 1 | SW | |
| 0.8 | 1 | N | 4 | 5 | NE | 2 | 1 | 1 | 1 | SW | |
| 0.6 | 1 | N | 0 | 1 | NE | 2 | 1 | 1 | 1 | SW | |
| 0.6 | 1 | N | 0 | 1 | SE | 2 | 1 | 1 | 1 | SW | |
| 0.6 | 1 | N | 0 | 1 | S | 2 | 1 | 1 | 1 | SW | |
| 0.1 | 1 | N | 10 | 12 | E | 1 | 1 | 2 | 1 | S | |
| 0.1 | 1 | N | 13 | 15 | NE | 1 | 1 | 2 | 1 | S | |
| 0 | 1 | N | 8 | 10 | NE | 1 | 1 | 2 | 1 | S | |
| 0 | 1 | N | 9 | 11 | NE | 2 | 1 | 2 | 1 | S | |
| -0.1 | 1 | N | 7 | 9 | NE | 2 | 1 | 2 | 1 | S | |
| 0 | 1 | N | 2 | 3 | E | 3 | 1 | 1 | 1 | S | |
| 0 | 1 | N | 1 | 2 | E | 3 | 1 | 1 | 0 | SW | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | N | 3 | 4 | E | 2 | 1 | 1 | 0 | SE |
| 0 | 1 | N | 2 | 3 | E | 2 | 1 | 1 | 0 | SW |
| 0.1 | 1 | N | 0 | 1 | E | 2 | 1 | 1 | 0 | SW |
| -0.2 | 1 | N | 0 | 1 | NE | 1 | 1 | 1 | 0 | SE |
| -0.2 | 1 | N | 1 | 2 | NE | 1 | 1 | 1 | 0 | SE |
| -0.4 | 1 | N | 3 | 4 | NE | 1 | 1 | 1 | 0 | SE |
| -0.4 | 1 | N | 3 | 4 | NE | 1 | 1 | 1 | 0 | SE |
| -0.4 | 1 | N | 3 | 4 | NE | 1 | 1 | 1 | 0 | SE |
| 0.7 | 3 | N | 3 | 4 | N | 2 | 1 | 2 | 1 | SE |
| 0.7 | 3 | N | 0 | 1 | N | 2 | 1 | 2 | 1 | SE |
| 0.7 | 3 | N | 0 | 1 | N | 3 | 1 | 2 | 1 | SE |
| 0.7 | 3 | N | 0 | 1 | N | 3 | 1 | 2 | 1 | SE |
| 0.8 | 3 | N | 2 | 3 | W | 2 | 1 | 2 | 1 | SE |
| -0.2 | 3 | N | 0 | 1 | E | 2 | 1 | 1 | 1 | SE |
| -0.2 | 3 | N | 3 | 4 | E | 1 | 1 | 1 | 1 | SE |
| 0 | 3 | N | 2 | 3 | E | 3 | 1 | 1 | 1 | SE |
| 0 | 3 | N | 0 | 1 | N | 2 | 1 | 1 | 1 | SE |
| 0 | 3 | N | 4 | 6 | NW | 2 | 1 | 1 | 1 | SE |
| 0.2 | 3 | N | 1 | 2 | N | 2 | 1 | 1 | 0 | SE |
| 0.2 | 3 | N | 7 | 8 | NE | 1 | 1 | 1 | 0 | SE |
| 0.3 | 3 | N | 5 | 6 | NE | 1 | 1 | 1 | 0 | SE |
| 0.1 | 3 | N | 4 | 5 | NE | 2 | 1 | 1 | 0 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.1 | 3 | N | 1 | 2 | N | 2 | 1 | 1 | 0 | SE |
| 0.7 | 3 | N | 4 | 5 | N | 2 | 1 | 1 | 1 | SE |
| 0.7 | 3 | N | 3 | 4 | NE | 1 | 1 | 1 | 0 | SE |
| 0.6 | 3 | N | 1 | 2 | NE | 1 | 1 | 1 | 0 | SE |
| 0.6 | 3 | N | 2 | 3 | N | 1 | 1 | 1 | 0 | SE |
| 0.6 | 3 | N | 2 | 3 | N | 1 | 1 | 1 | 0 | SE |
| 1.3 | 3 | N | 4 | 6 | NE | 3 | 1 | 2 | 1 | SE |
| 1.3 | 3 | N | 1 | 2 | NE | 2 | 1 | 1 | 1 | SE |
| 1.5 | 3 | N | 5 | 7 | E | 3 | 1 | 2 | 1 | SE |
| 1.6 | 3 | N | 3 | 5 | E | 2 | 1 | 2 | 1 | SE |
| 1.6 | 3 | N | 3 | 6 | E | 2 | 1 | 2 | 1 | SE |
| 2 | 3 | N | 2 | 3 | E | 1 | 1 | 1 | 1 | SE |
| 2 | 3 | N | 5 | 7 | E | 2 | 5 | 1 | 1 | SE |
| 2 | 3 | N | 2 | 3 | E | 2 | 1 | 1 | 1 | SE |
| 2 | 3 | N | 3 | 5 | E | 2 | 1 | 1 | 1 | SE |
| 2 | 3 | N | 3 | 4 | E | 1 | 1 | 1 | 1 | SE |
| 0.5 | 1 | N | 4 | 5 | S | 2 | 1 | 2 | 1 | W |
| 0.5 | 1 | N | 10 | 12 | E | 2 | 1 | 2 | 2 | S |
| 0.5 | 1 | N | 8 | 10 | NE | 2 | 1 | 1 | 1 | S |
| 0.5 | 1 | N | 2 | 4 | E | 3 | 1 | 1 | 0 | S |
| 0.6 | 1 | N | 1 | 3 | N | 2 | 1 | 1 | 0 | S |

| Less than (<) | Entero-coccus (No./100ml) | Clostridium perfringens (No./100ml) | Remarks |
|---|---|---|---|
| < | 0.9 | | SEE BOTTOM CLEARLY; HIGH SURF |
| | 0.9 | | |
| | 2 | | BARELY SEE BOTTOM; HIGH SURF |
| < | 0.9 | | |
| | 3 | | CAN SEE BOTTOM; HIGH SURF |
| | 2 | | |
| < | 0.9 | | SEE BOTTOM CLEARLY; HIGH SURF |
| < | 0.9 | | |
| < | 0.9 | | SEE BOTTOM CLEARLY; HIGH SURF |
| < | 0.9 | | |
| < | 0.9 | | SEE BOTTOM CLEARLY |
| < | 0.9 | | |
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | SEE BOTTOM CLEARLY |
| < | 0.9 | | |
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | BARELY SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |
| < | 0.9 | | CAN SEE BOTTOM |
| < | 0.9 | | |

| | | |
|---|---|---|
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM |
| | 2 | |
| < | 0.9 | BARELY SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |

| | | |
|---|---|---|
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| | 0.9 | |
| | 1 | SEE BOTTOM CLEARLY |
| | 0.9 | |
| < | 0.9 | CANNOT SEE BOTTOM; HIGH SURF |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM; HIGH SURF |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM; HIGH SURF |
| | 1 | |
| < | 0.9 | SEE BOTTOM CLEARLY; HIGH SURF |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY; HIGH SURF |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| | 2 | |
| | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | SEE BOTTOM CLEARLY |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |
| < | 0.9 | CAN SEE BOTTOM |
| < | 0.9 | |

RESULTS OF BACTERIAL ANALYSES AND FIELD OBSERVATIONS
J:/_MC\M&C/WWTPlants/wwtpmicro & Oceanlogs/2011microbiology.xls
WAIANAE OCEAN OUTFALL - OFFSHORE STATIONS
01-Jun-15

| DATE | Station | Time | Depth (m) | CTD on (hhmm) | CTD off (hhmm) | Light ext. coeff. | Secchi depth (feet) | Cloud cover (%) |
|---|---|---|---|---|---|---|---|---|
| 2/22/2011 | W1 | 818 | 0 | | | | | 50 |
| 2/22/2011 | W1 | 819 | 16 | | | | | |
| 2/22/2011 | W1 | 820 | 32 | | | | | |
| 2/22/2011 | W2 | 840 | 0 | | | | | 50 |
| 2/22/2011 | W2 | 841 | 14 | | | | | |
| 2/22/2011 | W2 | 842 | 27 | | | | | |
| 2/22/2011 | W4 | 848 | 0 | | | | | 50 |
| 2/22/2011 | W4 | 849 | 15 | | | | | |
| 2/22/2011 | W4 | 850 | 29 | | | | | |
| 2/22/2011 | W5 | 856 | 0 | | | | | 50 |
| 2/22/2011 | W5 | 856 | 17 | | | | | |
| 2/22/2011 | W5 | 857 | 35 | | | | | |
| 2/22/2011 | W6 | 902 | 0 | | | | | 50 |
| 2/22/2011 | W6 | 903 | 14 | | | | | |
| 2/22/2011 | W6 | 904 | 27 | | | | | |
| 2/22/2011 | W7 | 910 | 0 | | | | | 50 |
| 2/22/2011 | W7 | 911 | 13 | | | | | |
| 2/22/2011 | W7 | 911 | 26 | | | | | |
| 2/22/2011 | W10 | 935 | 0 | | | | | 50 |
| 2/22/2011 | W10 | 936 | 17 | | | | | |
| 2/22/2011 | W10 | 937 | 33 | | | | | |
| 6/7/2011 | W1 | 723 | 0 | | | | | 35 |
| 6/7/2011 | W1 | 725 | 16 | | | | | |
| 6/7/2011 | W1 | 726 | 32 | | | | | |
| 6/7/2011 | W2 | 742 | 0 | | | | | 35 |
| 6/7/2011 | W2 | 743 | 14 | | | | | |
| 6/7/2011 | W2 | 744 | 27 | | | | | |
| 6/7/2011 | W4 | 750 | 0 | | | | | 35 |
| 6/7/2011 | W4 | 751 | 15 | | | | | |
| 6/7/2011 | W4 | 752 | 29 | | | | | |
| 6/7/2011 | W5 | 756 | 0 | | | | | 35 |
| 6/7/2011 | W5 | 757 | 17 | | | | | |
| 6/7/2011 | W5 | 758 | 35 | | | | | |
| 6/7/2011 | W6 | 803 | 0 | | | | | 35 |

| | | | | |
|---|---|---|---|---|
| 6/7/2011 | W6 | 805 | 14 | |
| 6/7/2011 | W6 | 805 | 27 | |
| 6/7/2011 | W7 | 809 | 0 | 35 |
| 6/7/2011 | W7 | 811 | 13 | |
| 6/7/2011 | W7 | 812 | 26 | |
| 6/7/2011 | W10 | 832 | 0 | 35 |
| 6/7/2011 | W10 | 834 | 17 | |
| 6/7/2011 | W10 | 835 | 33 | |
| 7/12/2011 | W1 | 731 | 0 | 15 |
| 7/12/2011 | W1 | 732 | 16 | |
| 7/12/2011 | W1 | 733 | 32 | |
| 7/12/2011 | W2 | 750 | 0 | 15 |
| 7/12/2011 | W2 | 751 | 14 | |
| 7/12/2011 | W2 | 751 | 27 | |
| 7/12/2011 | W4 | 759 | 0 | 15 |
| 7/12/2011 | W4 | 759 | 15 | |
| 7/12/2011 | W4 | 800 | 29 | |
| 7/12/2011 | W5 | 807 | 0 | 15 |
| 7/12/2011 | W5 | 808 | 17 | |
| 7/12/2011 | W5 | 809 | 35 | |
| 7/12/2011 | W6 | 814 | 0 | 15 |
| 7/12/2011 | W6 | 815 | 14 | |
| 7/12/2011 | W6 | 816 | 27 | |
| 7/12/2011 | W7 | 822 | 0 | 15 |
| 7/12/2011 | W7 | 823 | 13 | |
| 7/12/2011 | W7 | 823 | 26 | |
| 7/12/2011 | W10 | 849 | 0 | 15 |
| 7/12/2011 | W10 | 850 | 17 | |
| 7/12/2011 | W10 | 851 | 33 | |
| 10/4/2011 | W1 | 723 | 0 | 80 |
| 10/4/2011 | W1 | 724 | 16 | |
| 10/4/2011 | W1 | 724 | 32 | |
| 10/4/2011 | W2 | 742 | 0 | 80 |
| 10/4/2011 | W2 | 742 | 14 | |
| 10/4/2011 | W2 | 743 | 27 | |
| 10/4/2011 | W4 | 751 | 0 | 80 |
| 10/4/2011 | W4 | 751 | 15 | |
| 10/4/2011 | W4 | 752 | 29 | |
| 10/4/2011 | W5 | 758 | 0 | 80 |
| 10/4/2011 | W5 | 759 | 17 | |
| 10/4/2011 | W5 | 800 | 35 | |
| 10/4/2011 | W6 | 807 | 0 | 80 |
| 10/4/2011 | W6 | 807 | 14 | |
| 10/4/2011 | W6 | 808 | 27 | |

| | | | | |
|---|---|---|---|---|
| 10/4/2011 | W7 | 814 | 0 | 80 |
| 10/4/2011 | W7 | 816 | 13 | |
| 10/4/2011 | W7 | 816 | 26 | |
| 10/4/2011 | W10 | 839 | 0 | 80 |
| 10/4/2011 | W10 | 840 | 17 | |
| 10/4/2011 | W10 | 840 | 33 | |

| Tide hgt (ft) | Tide stage (0154) | Odor Floatable n/p | Wind low (m/h) | Wind high (m/h) | Wind dir (deg) | Water color (0394) | Wea-ther (0108) | Sea state (0109) | Wave hgt (0362) | Wave direction. (se) | Fecal Coliform (No./100ml) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.8 | 1 | N | 0 | 1 | NE | 1 | 1 | 2 | 1 | NW | |
| 0.7 | 1 | N | 2 | 4 | E | 1 | 1 | 2 | 1 | SW | |
| 0.7 | 1 | N | 3 | 4 | E | 1 | 1 | 2 | 1 | SW | |
| 0.7 | 1 | N | 3 | 5 | E | 1 | 1 | 2 | 1 | SW | |
| 0.7 | 1 | N | 2 | 3 | E | 1 | 1 | 2 | 1 | SW | |
| 0.7 | 1 | N | 1 | 2 | E | 1 | 1 | 2 | 1 | SW | |
| 0.6 | 1 | N | 0 | 1 | S | 1 | 1 | 2 | 1 | SW | |
| 0.7 | 3 | N | 0 | 1 | NW | 2 | 1 | 1 | 0 | SE | |
| 0.7 | 3 | N | 1 | 2 | N | 2 | 1 | 2 | 1 | SE | |
| 0.7 | 3 | N | 0 | 1 | N | 2 | 1 | 2 | 1 | SE | |
| 0.7 | 3 | N | 0 | 1 | N | 2 | 1 | 2 | 1 | SE | |
| 0.7 | 3 | N | 0 | 1 | N | 2 | 1 | 2 | 1 | SE | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.7 | 3 | N | 0 | 1 | N | 3 | 1 | 2 | 1 | SE |
| 0.8 | 3 | N | 2 | 3 | E | 2 | 1 | 2 | 1 | SE |
| -0.2 | 3 | N | 1 | 3 | E | 1 | 1 | 1 | 1 | SE |
| -0.2 | 3 | N | 1 | 2 | E | 1 | 1 | 1 | 1 | SE |
| -0.2 | 3 | N | 1 | 2 | E | 1 | 1 | 1 | 1 | SE |
| -0.2 | 3 | N | 3 | 5 | E | 1 | 1 | 1 | 1 | SE |
| -0.1 | 3 | N | 0 | 1 | E | 1 | 1 | 1 | 1 | SE |
| -0.1 | 3 | N | 3 | 4 | E | 1 | 1 | 1 | 1 | SE |
| 0 | 3 | N | 3 | 4 | NW | 1 | 1 | 1 | 1 | SE |
| 1.3 | 3 | N | 3 | 4 | NE | 1 | 1 | 1 | 1 | SE |
| 1.4 | 3 | N | 1 | 2 | E | 1 | 1 | 1 | 1 | SE |
| 1.4 | 3 | N | 3 | 4 | NE | 1 | 1 | 2 | 1 | SE |
| 1.5 | 3 | N | 4 | 6 | NE | 1 | 1 | 2 | 1 | SE |
| 1.5 | 3 | N | 3 | 5 | E | 1 | 1 | 2 | 1 | SE |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.5 | 3 | N | 5 | 7 | E | 1 | 1 | 2 | 1 | SE |
| 1.7 | 3 | N | 5 | 7 | E | 1 | 1 | 2 | 1 | SE |

| Less than (<) | Entero-coccus (No./100ml) | Clostridium perfringens (No./100ml) | Remarks |
|---|---|---|---|
| < | 0.9 | | HEAVY RAIN PRIOR TO SAMPLING |
| < | 0.9 | | |
| < | 0.9 | | |
| < | 0.9 | | HEAVY RAIN PRIOR TO SAMPLING |
| | 0.9 | | |
| | 0.9 | | |
| | 2 | | HEAVY RAIN PRIOR TO SAMPLING |
| | 0.9 | | |
| | 2 | | |
| < | 0.9 | | HEAVY RAIN PRIOR TO SAMPLING |
| | 3 | | |
| | 3 | | |
| | 0.9 | | HEAVY RAIN PRIOR TO SAMPLING |
| < | 0.9 | | |
| | 3 | | |
| < | 0.9 | | HEAVY RAIN PRIOR TO SAMPLING |
| < | 0.9 | | |
| < | 0.9 | | |
| < | 0.9 | | HEAVY RAIN PRIOR TO SAMPLING |
| < | 0.9 | | |
| | 2 | | |
| < | 0.9 | | NO REMARKS |
| < | 0.9 | | |
| < | 0.9 | | |
| | 0.9 | | NO REMARKS |
| | 0.9 | | |
| | 15 | | |
| < | 0.9 | | NO REMARKS |
| | 6 | | |
| | 11 | | |
| < | 0.9 | | NO REMARKS |
| | 2 | | |
| | 16.5 | | |
| < | 0.9 | | NO REMARKS |

| | | |
|---|---|---|
| | 2 | |
| | 4 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| | 3 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| | 3 | NO REMARKS |
| | 5 | |
| < | 0.9 | |
| | 17 | NO REMARKS |
| < | 0.9 | |
| | 2.5 | |
| | 0.9 | NO REMARKS |
| | 0.9 | |
| < | 0.9 | |
| | 3 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | NO REMARKS |
| < | 0.9 | |
| < | 0.9 | |
| < | 0.9 | HIGH SURF |
| | 0.9 | |
| < | 0.9 | |
| < | 0.9 | HIGH SURF |
| < | 0.9 | |
| < | 0.9 | |
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