

**Table I-1**  
**Phase I and Phase II Sediment Core Coordinates and Surface Elevations**

| Location ID | Sampling Event                                  | Coordinates <sup>1</sup> |         | Surface Elevation <sup>2</sup> |
|-------------|-------------------------------------------------|--------------------------|---------|--------------------------------|
|             |                                                 | Northing                 | Easting |                                |
| AK02SED087  | 2007 Newark Bay Phase II Sediment Investigation | 647197                   | 573862  | -10.75                         |
| ER02SED083  | 2007 Newark Bay Phase II Sediment Investigation | 659618                   | 577279  | -11.41                         |
| ER02SED084  | 2007 Newark Bay Phase II Sediment Investigation | 658952                   | 576432  | -8.01                          |
| HR01SED067  | 2005 Newark Bay Phase I Sediment Investigation  | 693949                   | 606143  | -3.35                          |
| HR01SED069  | 2005 Newark Bay Phase I Sediment Investigation  | 696387                   | 609410  | -44.61                         |
| HR02SED103  | 2007 Newark Bay Phase II Sediment Investigation | 686885                   | 601907  | -41.46                         |
| KK02SED081  | 2007 Newark Bay Phase II Sediment Investigation | 661614                   | 598875  | -5.51                          |
| KK02SED095  | 2007 Newark Bay Phase II Sediment Investigation | 659977                   | 594793  | -10.23                         |
| KK02SED096  | 2007 Newark Bay Phase II Sediment Investigation | 662211                   | 601140  | -18.88                         |
| MC02SED085  | 2007 Newark Bay Phase II Sediment Investigation | 656047                   | 574440  | -9.83                          |
| NB01SED001A | 2005 Newark Bay Phase I Sediment Investigation  | 658398                   | 577046  | -39.81                         |
| NB01SED002  | 2005 Newark Bay Phase I Sediment Investigation  | 659889                   | 579770  | -23.87                         |
| NB01SED003  | 2005 Newark Bay Phase I Sediment Investigation  | 659431                   | 583122  | -2.96                          |
| NB01SED004  | 2005 Newark Bay Phase I Sediment Investigation  | 658527                   | 586408  | -31.63                         |
| NB01SED005  | 2005 Newark Bay Phase I Sediment Investigation  | 658927                   | 587774  | -9.95                          |
| NB01SED006A | 2005 Newark Bay Phase I Sediment Investigation  | 660354                   | 589659  | -55.17                         |
| NB01SED007  | 2005 Newark Bay Phase I Sediment Investigation  | 662453                   | 590720  | -9.82                          |
| NB01SED008A | 2005 Newark Bay Phase I Sediment Investigation  | 659296                   | 585480  | -22.51                         |
| NB01SED009  | 2005 Newark Bay Phase I Sediment Investigation  | 660149                   | 585273  | -8.12                          |
| NB01SED010A | 2005 Newark Bay Phase I Sediment Investigation  | 660685                   | 582568  | -42.65                         |
| NB01SED011  | 2005 Newark Bay Phase I Sediment Investigation  | 660960                   | 582815  | -16.27                         |
| NB01SED012  | 2005 Newark Bay Phase I Sediment Investigation  | 661834                   | 582698  | -12.84                         |
| NB01SED013  | 2005 Newark Bay Phase I Sediment Investigation  | 661953                   | 583522  | -4.6                           |
| NB01SED014  | 2005 Newark Bay Phase I Sediment Investigation  | 661923                   | 585956  | -6.04                          |
| NB01SED015  | 2005 Newark Bay Phase I Sediment Investigation  | 661575                   | 587420  | -10.84                         |
| NB01SED016  | 2005 Newark Bay Phase I Sediment Investigation  | 661380                   | 589904  | -33.55                         |
| NB01SED017  | 2005 Newark Bay Phase I Sediment Investigation  | 661731                   | 589317  | -56.79                         |
| NB01SED018  | 2005 Newark Bay Phase I Sediment Investigation  | 662108                   | 588724  | -34.28                         |
| NB01SED019  | 2005 Newark Bay Phase I Sediment Investigation  | 663373                   | 585713  | -8.54                          |
| NB01SED020  | 2005 Newark Bay Phase I Sediment Investigation  | 663775                   | 588777  | -10.06                         |
| NB01SED021  | 2005 Newark Bay Phase I Sediment Investigation  | 664115                   | 590607  | -53.17                         |
| NB01SED022  | 2005 Newark Bay Phase I Sediment Investigation  | 664569                   | 592097  | -9.26                          |
| NB01SED023  | 2005 Newark Bay Phase I Sediment Investigation  | 665047                   | 586861  | -4.56                          |
| NB01SED024  | 2005 Newark Bay Phase I Sediment Investigation  | 665134                   | 589477  | -52.59                         |
| NB01SED025  | 2005 Newark Bay Phase I Sediment Investigation  | 666005                   | 586970  | -1.92                          |
| NB01SED026  | 2005 Newark Bay Phase I Sediment Investigation  | 666322                   | 587163  | -20.1                          |
| NB01SED027  | 2005 Newark Bay Phase I Sediment Investigation  | 666099                   | 590503  | -50.87                         |
| NB01SED028  | 2005 Newark Bay Phase I Sediment Investigation  | 666808                   | 593179  | -10.2                          |
| NB01SED029  | 2005 Newark Bay Phase I Sediment Investigation  | 667115                   | 592554  | -35.8                          |
| NB01SED030  | 2005 Newark Bay Phase I Sediment Investigation  | 667328                   | 592082  | -49.26                         |
| NB01SED031  | 2005 Newark Bay Phase I Sediment Investigation  | 669486                   | 592161  | -50.47                         |
| NB01SED032  | 2005 Newark Bay Phase I Sediment Investigation  | 669453                   | 594425  | -9.2                           |
| NB01SED033A | 2005 Newark Bay Phase I Sediment Investigation  | 671894                   | 593681  | -50.01                         |
| NB01SED034A | 2005 Newark Bay Phase I Sediment Investigation  | 671859                   | 590996  | -50.65                         |
| NB01SED035A | 2005 Newark Bay Phase I Sediment Investigation  | 674794                   | 587387  | -50.88                         |
| NB01SED036  | 2005 Newark Bay Phase I Sediment Investigation  | 675605                   | 586563  | -47.81                         |
| NB01SED037  | 2005 Newark Bay Phase I Sediment Investigation  | 671804                   | 595488  | -8.53                          |
| NB01SED038  | 2005 Newark Bay Phase I Sediment Investigation  | 671975                   | 597902  | -3.68                          |
| NB01SED039  | 2005 Newark Bay Phase I Sediment Investigation  | 672475                   | 597376  | -6.6                           |
| NB01SED040  | 2005 Newark Bay Phase I Sediment Investigation  | 672584                   | 593401  | -6.7                           |
| NB01SED041  | 2005 Newark Bay Phase I Sediment Investigation  | 673531                   | 592305  | -4.8                           |
| NB01SED042  | 2005 Newark Bay Phase I Sediment Investigation  | 673666                   | 595087  | -30.75                         |
| NB01SED043  | 2005 Newark Bay Phase I Sediment Investigation  | 673866                   | 594678  | -45.4                          |

**Table I-1**  
**Phase I and Phase II Sediment Core Coordinates and Surface Elevations**

| Location ID | Sampling Event                                  | Coordinates <sup>1</sup> |         | Surface Elevation <sup>2</sup> |
|-------------|-------------------------------------------------|--------------------------|---------|--------------------------------|
|             |                                                 | Northing                 | Easting |                                |
| NB01SED044  | 2005 Newark Bay Phase I Sediment Investigation  | 674490                   | 593290  | -6.98                          |
| NB01SED045  | 2005 Newark Bay Phase I Sediment Investigation  | 674870                   | 596599  | -11.16                         |
| NB01SED046  | 2005 Newark Bay Phase I Sediment Investigation  | 675688                   | 595466  | -40.72                         |
| NB01SED047  | 2005 Newark Bay Phase I Sediment Investigation  | 676290                   | 593284  | -44.44                         |
| NB01SED048  | 2005 Newark Bay Phase I Sediment Investigation  | 678264                   | 591603  | -47.92                         |
| NB01SED049  | 2005 Newark Bay Phase I Sediment Investigation  | 679816                   | 588264  | -37.73                         |
| NB01SED050  | 2005 Newark Bay Phase I Sediment Investigation  | 676373                   | 597682  | -11.84                         |
| NB01SED051  | 2005 Newark Bay Phase I Sediment Investigation  | 676959                   | 595253  | -4.51                          |
| NB01SED052  | 2005 Newark Bay Phase I Sediment Investigation  | 680620                   | 597261  | -11.41                         |
| NB01SED053  | 2005 Newark Bay Phase I Sediment Investigation  | 677324                   | 599479  | -7.46                          |
| NB01SED054  | 2005 Newark Bay Phase I Sediment Investigation  | 678815                   | 598275  | -8.85                          |
| NB01SED055  | 2005 Newark Bay Phase I Sediment Investigation  | 679181                   | 597346  | -40.64                         |
| NB01SED056  | 2005 Newark Bay Phase I Sediment Investigation  | 679501                   | 596728  | -6.12                          |
| NB01SED057  | 2005 Newark Bay Phase I Sediment Investigation  | 679395                   | 600462  | -7.44                          |
| NB01SED058  | 2005 Newark Bay Phase I Sediment Investigation  | 681254                   | 601714  | -4.54                          |
| NB01SED059  | 2005 Newark Bay Phase I Sediment Investigation  | 681074                   | 600859  | -5.04                          |
| NB01SED060  | 2005 Newark Bay Phase I Sediment Investigation  | 681186                   | 599077  | -9.54                          |
| NB01SED061  | 2005 Newark Bay Phase I Sediment Investigation  | 681573                   | 598146  | -42.42                         |
| NB01SED062  | 2005 Newark Bay Phase I Sediment Investigation  | 683471                   | 600093  | -7.97                          |
| NB01SED063  | 2005 Newark Bay Phase I Sediment Investigation  | 684053                   | 598799  | -34.44                         |
| NB01SED064  | 2005 Newark Bay Phase I Sediment Investigation  | 684868                   | 600815  | -13.06                         |
| NB01SED065  | 2005 Newark Bay Phase I Sediment Investigation  | 686969                   | 600445  | -2.48                          |
| NB01SED066  | 2005 Newark Bay Phase I Sediment Investigation  | 685907                   | 601142  | -34.56                         |
| NB01SED068  | 2005 Newark Bay Phase I Sediment Investigation  | 660584                   | 579428  | -33.43                         |
| NB02SED070  | 2007 Newark Bay Phase II Sediment Investigation | 658938                   | 587773  | -14.73                         |
| NB02SED071  | 2007 Newark Bay Phase II Sediment Investigation | 662463                   | 590701  | -13.15                         |
| NB02SED072  | 2007 Newark Bay Phase II Sediment Investigation | 664579                   | 592100  | -11.74                         |
| NB02SED073  | 2007 Newark Bay Phase II Sediment Investigation | 669467                   | 594438  | -11.03                         |
| NB02SED074  | 2007 Newark Bay Phase II Sediment Investigation | 674496                   | 593301  | -10.43                         |
| NB02SED075  | 2007 Newark Bay Phase II Sediment Investigation | 679809                   | 588283  | -39.77                         |
| NB02SED076  | 2007 Newark Bay Phase II Sediment Investigation | 676966                   | 595264  | -8.54                          |
| NB02SED077  | 2007 Newark Bay Phase II Sediment Investigation | 679509                   | 596735  | -9                             |
| NB02SED078  | 2007 Newark Bay Phase II Sediment Investigation | 680609                   | 597241  | -15.53                         |
| NB02SED079  | 2007 Newark Bay Phase II Sediment Investigation | 679400                   | 600453  | -9.13                          |
| NB02SED080  | 2007 Newark Bay Phase II Sediment Investigation | 681177                   | 599064  | -12.23                         |
| NB02SED082  | 2007 Newark Bay Phase II Sediment Investigation | 662511                   | 583421  | -9.94                          |
| NB02SED088  | 2007 Newark Bay Phase II Sediment Investigation | 659893                   | 578562  | -24.33                         |
| NB02SED089  | 2007 Newark Bay Phase II Sediment Investigation | 660004                   | 583753  | -17.65                         |
| NB02SED090  | 2007 Newark Bay Phase II Sediment Investigation | 658116                   | 589523  | -10.19                         |
| NB02SED091  | 2007 Newark Bay Phase II Sediment Investigation | 667101                   | 593681  | -12.61                         |
| NB02SED092  | 2007 Newark Bay Phase II Sediment Investigation | 673893                   | 593022  | -8.91                          |
| NB02SED093  | 2007 Newark Bay Phase II Sediment Investigation | 679672                   | 599234  | -11.69                         |
| NB02SED094  | 2007 Newark Bay Phase II Sediment Investigation | 681262                   | 598675  | -14.31                         |
| NB02SED097  | 2007 Newark Bay Phase II Sediment Investigation | 660172                   | 585280  | -9.88                          |
| NB02SED098  | 2007 Newark Bay Phase II Sediment Investigation | 665677                   | 587436  | -13.49                         |
| NB02SED100  | 2007 Newark Bay Phase II Sediment Investigation | 690578                   | 603194  | -32.37                         |
| NB02SED101  | 2007 Newark Bay Phase II Sediment Investigation | 684051                   | 598800  | -36.81                         |
| NB02SED102  | 2007 Newark Bay Phase II Sediment Investigation | 680985                   | 596939  | -7.36                          |
| NB02SED104  | 2007 Newark Bay Phase II Sediment Investigation | 679172                   | 597355  | -43.58                         |
| NB02SED105  | 2007 Newark Bay Phase II Sediment Investigation | 675907                   | 599515  | -8.42                          |
| NB02SED106  | 2007 Newark Bay Phase II Sediment Investigation | 675699                   | 595456  | -43.62                         |
| NB02SED107  | 2007 Newark Bay Phase II Sediment Investigation | 676281                   | 593287  | -47.96                         |
| NB02SED108  | 2007 Newark Bay Phase II Sediment Investigation | 671860                   | 590993  | -55.03                         |

**Table I-1**  
**Phase I and Phase II Sediment Core Coordinates and Surface Elevations**

| Location ID | Sampling Event                                  | Coordinates <sup>1</sup> |         | Surface Elevation <sup>2</sup> |
|-------------|-------------------------------------------------|--------------------------|---------|--------------------------------|
|             |                                                 | Northing                 | Easting |                                |
| NB02SED109  | 2007 Newark Bay Phase II Sediment Investigation | 671887                   | 593668  | -52.56                         |
| NB02SED110  | 2007 Newark Bay Phase II Sediment Investigation | 674775                   | 587384  | -52.86                         |
| NB02SED111  | 2007 Newark Bay Phase II Sediment Investigation | 669498                   | 592146  | -54.58                         |
| NB02SED112  | 2007 Newark Bay Phase II Sediment Investigation | 667113                   | 592553  | -38.33                         |
| NB02SED113  | 2007 Newark Bay Phase II Sediment Investigation | 661720                   | 589307  | -57.75                         |
| NB02SED114  | 2007 Newark Bay Phase II Sediment Investigation | 661414                   | 582478  | -11.06                         |
| NB02SED115  | 2007 Newark Bay Phase II Sediment Investigation | 660679                   | 582587  | -51.24                         |
| NB02SED116  | 2007 Newark Bay Phase II Sediment Investigation | 659295                   | 585479  | -25.63                         |
| NB02SED118  | 2007 Newark Bay Phase II Sediment Investigation | 658503                   | 587289  | -32.35                         |
| NB02SED119  | 2007 Newark Bay Phase II Sediment Investigation | 659654                   | 578152  | -8.03                          |
| NB02SED120  | 2007 Newark Bay Phase II Sediment Investigation | 658386                   | 577041  | -40.62                         |
| NB02SED121  | 2007 Newark Bay Phase II Sediment Investigation | 656145                   | 576165  | -38.76                         |
| PC02SED086  | 2007 Newark Bay Phase II Sediment Investigation | 650850                   | 573094  | -7.1                           |

**Notes:**

1. Coordinates are based on the North American Datum of 1983 - State Plane of New Jersey.
2. Surface elevations used in the EVS Simulation.