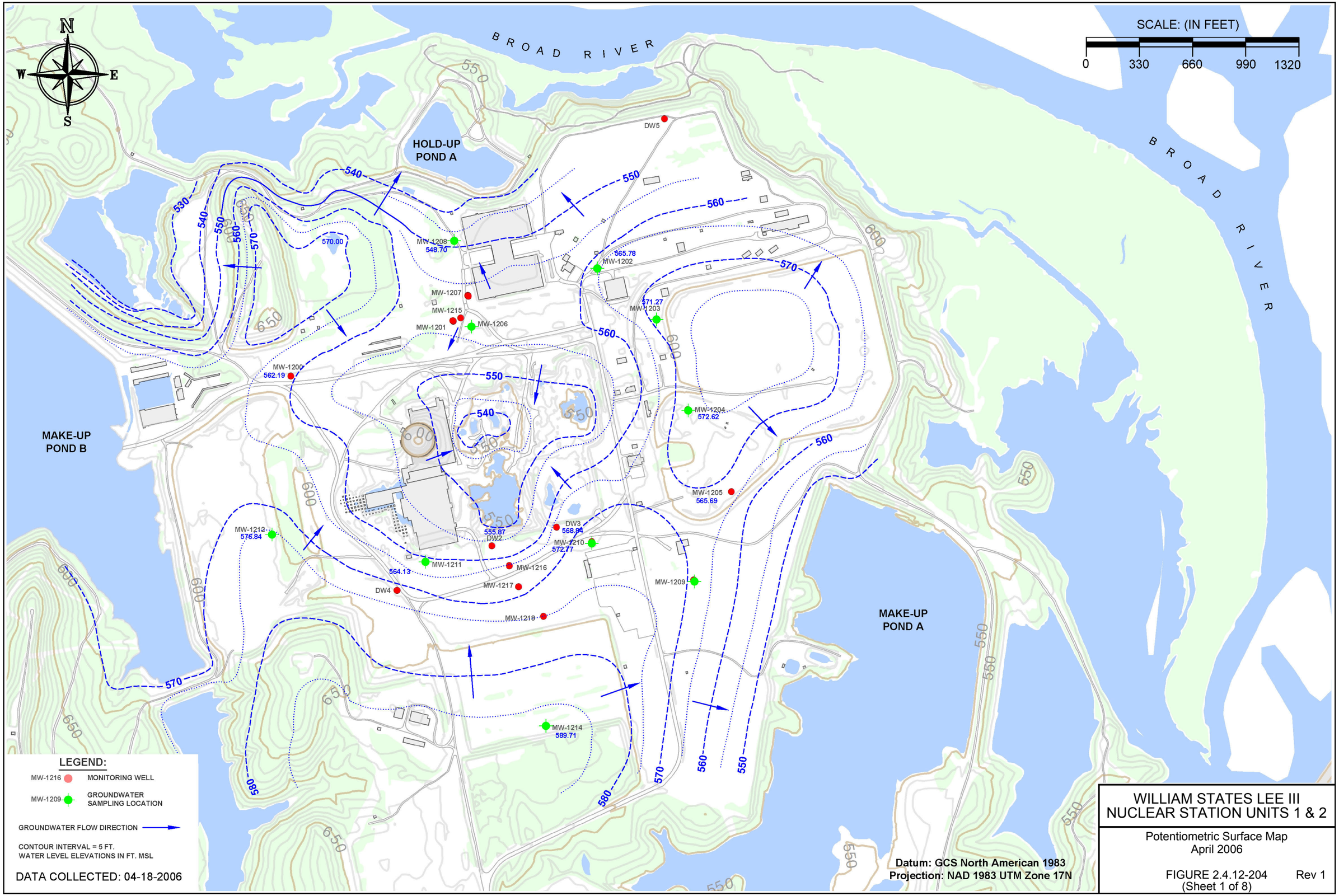


WLS
COL 2.4-4

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
April 2006

FIGURE 2.4.12-204 Rev 1
(Sheet 1 of 8)

N
W
E
S

SCALE: (IN FEET)
0 330 660 990 1320

BROAD RIVER

HOLD-UP POND A
533.69

MAKE-UP POND B

MAKE-UP POND A
546.41

524.24
569.20

DW5
MW-1208 547.63
MW-1202 564.82
MW-1207 557.46
MW-1215 556.79
MW-1201 556.77
MW-1206 557.88
MW-1203 570.36
MW-1200 561.09
MW-1204 572.09
MW-1205 565.26
DW3 566.69
DW2 552.41
MW-1210 571.76
MW-1212 575.48
MW-1211 563.52
MW-1216
MW-1217
DW4
MW-1209 569.29
MW-1218
MW-1214 588.26

530 540 550 560 570 580 600 650

LEGEND:

MW-1216 MONITORING WELL

MW-1209 GROUNDWATER SAMPLING LOCATION

GROUNDWATER FLOW DIRECTION

CONTOUR INTERVAL = 5 FT.
WATER LEVEL ELEVATIONS IN FT. MSL

DATA COLLECTED: 05-29-2006

Datum: GCS North American 1983
Projection: NAD 1983 UTM Zone 17N

WLS
COL 2.4-4

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
May 2006

FIGURE 2.4.12-204 Rev 1
(Sheet 2 of 8)

N
W
E
S

SCALE: (IN FEET)
0 330 660 990 1320

BROAD RIVER

BROAD RIVER

HOLD-UP POND A
533.61

MAKE-UP POND B
569.10

MAKE-UP POND A
546.11

524.22

570.00

DW5

MW-1208
546.62

563.86
MW-1202

MW-1207
555.85

MW-1215
555.22

MW-1201
555.15

MW-1206
556.22

MW-1203
569.22

MW-1200
559.68

MW-1204
571.25

MW-1205
564.84

MW-1212
573.39

564.46
DW3

550.26
DW2

MW-1210
570.36

MW-1211

565.69
MW-1216

562.83

MW-1209
568.71

MW-1217

DW4
567.60

567.91

573.55
MW-1218

585.89
MW-1214

530 540 550 560 570 580 600 650

WLS
COL 2.4-4

LEGEND:

MW-1216 MONITORING WELL

MW-1209 GROUNDWATER SAMPLING LOCATION

GROUNDWATER FLOW DIRECTION

CONTOUR INTERVAL = 5 FT.
WATER LEVEL ELEVATIONS IN FT. MSL

DATA COLLECTED: 07-21-2006

Datum: GCS North American 1983
Projection: NAD 1983 UTM Zone 17N

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
July 2006

FIGURE 2.4.12-204 Rev 1
(Sheet 3 of 8)

N
W
E
S

SCALE: (IN FEET)
0 330 660 990 1320

BROAD RIVER

HOLD-UP POND A
534.40

MAKE-UP POND B
569.20

MAKE-UP POND A
546.20

524.30

DW5

MW-1208 545.80
MW-1202 562.87
MW-1207 554.55
MW-1215 553.98
MW-1201 553.93
MW-1206 555.00
MW-1203 567.17
MW-1200 557.35
MW-1204 570.28
MW-1205 564.09
MW-1212 572.15
549.25 DW2
DW3 564.01
MW-1210 569.66
MW-1211 562.90
MW-1216 563.77
MW-1209 NM
DW4 572.20
MW-1217 565.69
MW-1218 572.41
MW-1214 584.47

540 550 560 570 580 600 650

LEGEND:

MW-1216 MONITORING WELL

MW-1209 GROUNDWATER SAMPLING LOCATION

GROUNDWATER FLOW DIRECTION

CONTOUR INTERVAL = 5 FT.
WATER LEVEL ELEVATIONS IN FT. MSL

DATA COLLECTED: 09-11-2006

Datum: GCS North American 1983
Projection: NAD 1983 UTM Zone 17N

WLS
COL 2.4-4

WILLIAM STATES LEE III NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
September 2006

FIGURE 2.4.12-204 Rev 1
(Sheet 4 of 8)

N
W
E
S

SCALE: (IN FEET)
0 330 660 990 1320

BROAD RIVER

HOLD-UP POND A
534.35

MAKE-UP POND B
569.23

MAKE-UP POND A
545.94

524.26

570.00

530.28
DW5

MW-1208
544.98

MW-1202
562.01

MW-1207
553.23

MW-1215
552.70

MW-1201
552.68

MW-1206
553.68

MW-1203
567.70

MW-1200
557.55

MW-1204
569.74

MW-1205
563.83

MW-1212
572.26

549.23
DW2

DW3
564.84

MW-1210
569.73

MW-1211
563.42

MW-1216
562.80

MW-1217
565.61

DW4
568.00

MW-1209I
567.47

MW-1218
572.41

MW-1214
584.16

530 540 550 560 570 580 600 650

LEGEND:

MW-1216 MONITORING WELL

MW-1209 GROUNDWATER SAMPLING LOCATION

GROUNDWATER FLOW DIRECTION

CONTOUR INTERVAL = 5 FT.
WATER LEVEL ELEVATIONS IN FT. MSL

DATA COLLECTED: 11-14-2006

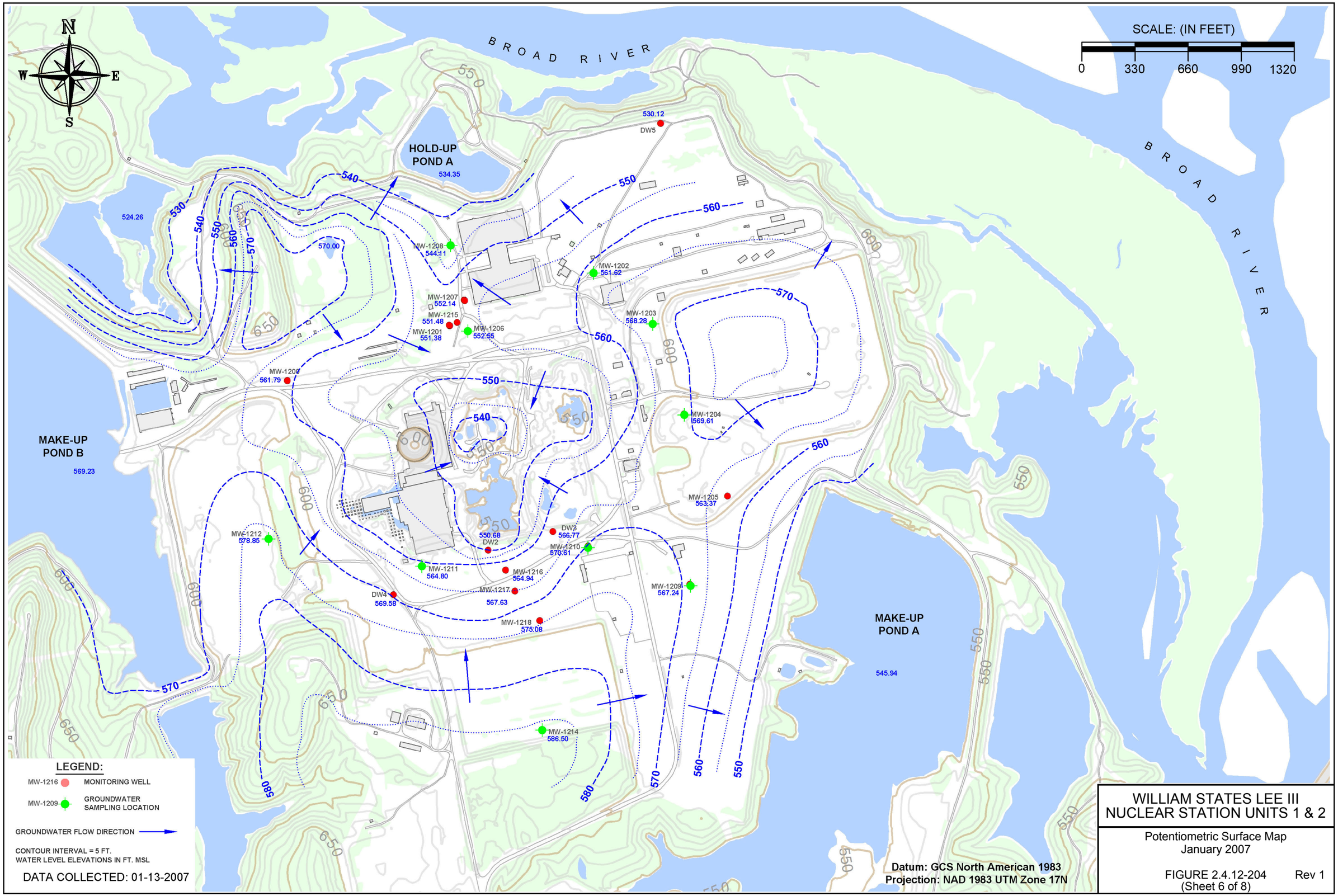
Datum: GCS North American 1983
Projection: NAD 1983 UTM Zone 17N

WLS
COL 2.4-4

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
November 2006

FIGURE 2.4.12-204 Rev 1
(Sheet 5 of 8)

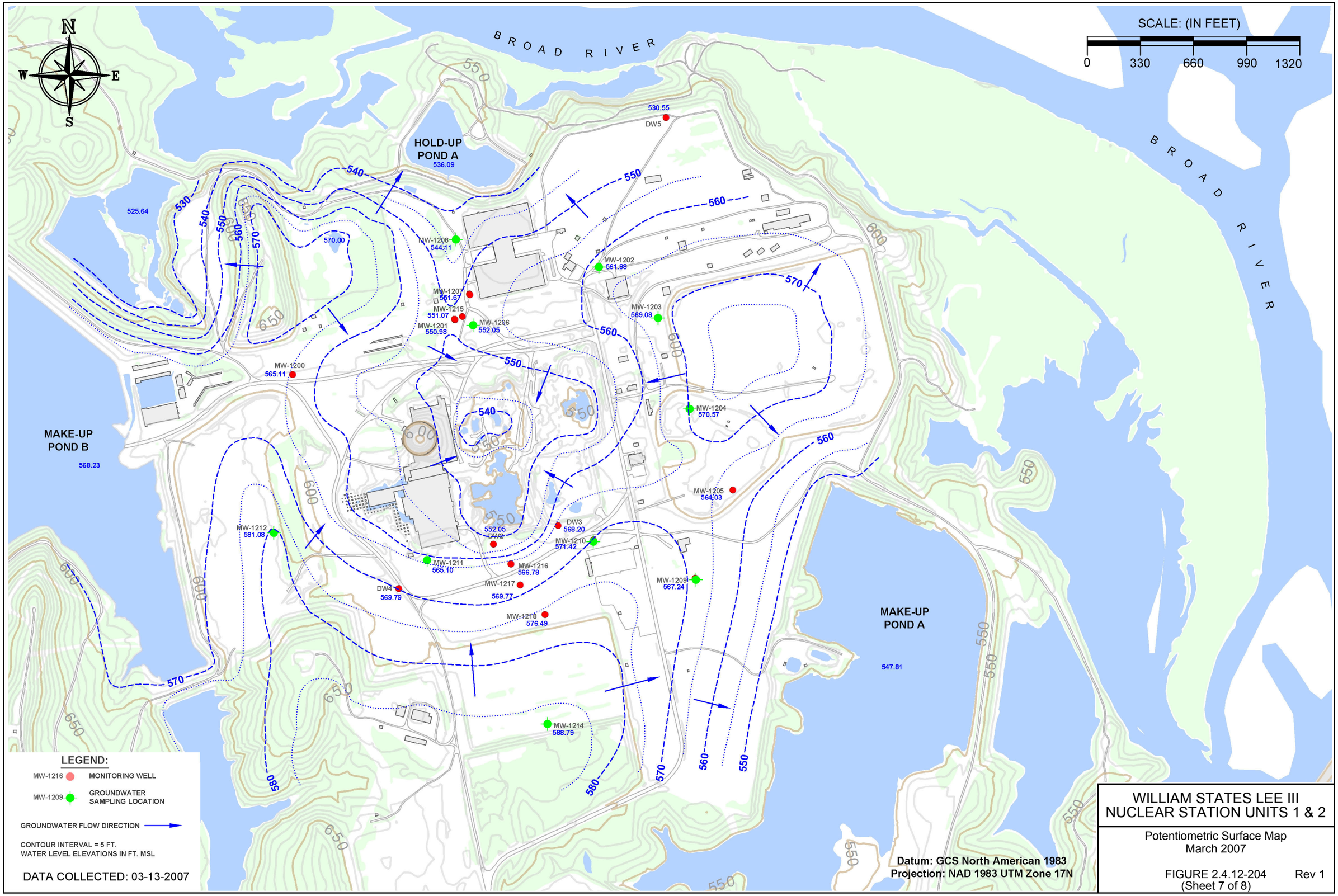


WLS
COL 2.4-4

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
January 2007

FIGURE 2.4.12-204 Rev 1
(Sheet 6 of 8)



WLS
COL 2.4-4

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
March 2007

FIGURE 2.4.12-204 Rev 1
(Sheet 7 of 8)

N
W
E
S

SCALE: (IN FEET)
0 330 660 990 1320

BROAD RIVER

HOLD-UP POND A
≈534

MAKE-UP POND B
≈570

MAKE-UP POND A
≈547

≈525

MW-1200
MW-1201
MW-1202
MW-1203
MW-1205
MW-1206
MW-1207
MW-1208
MW-1209
MW-1210
MW-1211
MW-1212
MW-1214
MW-1215
MW-1216
MW-1217
MW-1218
DW2
DW3
DW4
DW5

McKOWN MTN.

WLS
COL 2.4-4

LEGEND:
DW2 OBSERVATION WELL
MW-1209 GROUNDWATER SAMPLING LOCATION
GROUNDWATER FLOW PATH
GROUNDWATER COMPARTMENT BOUNDARY
CONTOUR INTERVAL = 10 FT.
PROJECTED WATER TABLE

Datum: GCS North American 1983
Projection: NAD 1983 UTM Zone 17N

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
Projected Post-Dewatering Table

FIGURE 2.4.12-204 Rev 1
(Sheet 8 of 8)