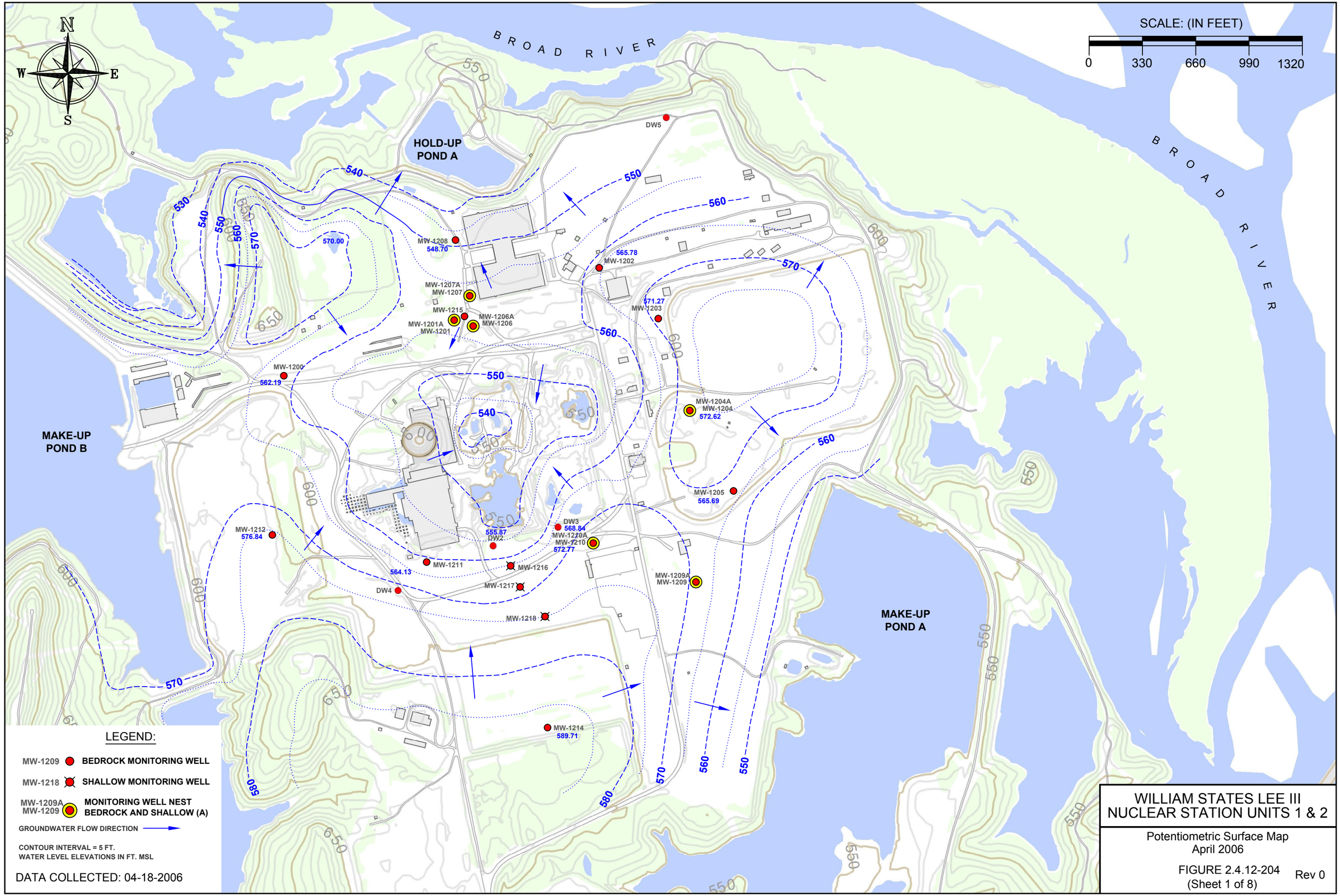
N
W
E
S
SCALE: (IN FEET)
0
330
660
990
1320
BROAD RIVER
BROAD RIVER
HOLD-UP
POND A
MAKE-UP
POND B
MAKE-UP
POND A
DW5
MW-1208
548.70
565.78
MW-1202
MW-1207A
MW-1207
MW-1215
MW-1201A
MW-1201
MW-1206A
MW-1206
571.27
MW-1203
MW-1200
562.19
MW-1204A
MW-1204
572.62
MW-1205
565.69
MW-1212
576.84
555.87
DW2
DW3
568.84
MW-1210A
MW-1210
572.77
MW-1211
564.13
MW-1216
MW-1217
DW4
MW-1218
MW-1209A
MW-1209
MW-1214
589.71
530
540
550
560
570
580
600
650
LEGEND:
MW-1209 BEDROCK MONITORING WELL
MW-1218 SHALLOW MONITORING WELL
MW-1209A MW-1209 MONITORING WELL NEST BEDROCK AND SHALLOW (A)
GROUNDWATER FLOW DIRECTION
CONTOUR INTERVAL = 5 FT.
WATER LEVEL ELEVATIONS IN FT. MSL
DATA COLLECTED: 04-18-2006
WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2
Potentiometric Surface Map
April 2006
FIGURE 2.4.12-204
(Sheet 1 of 8)
Rev 0

WLS
COL 2.4-4

N
W
E
S

SCALE: (IN FEET)
0 330 660 990 1320

BROAD RIVER

BROAD RIVER

HOLD-UP POND A
533.69

MAKE-UP POND B
569.20

MAKE-UP POND A
546.41

524.24

570.00

DW5

MW-1208
547.63

MW-1202
564.82

MW-1207A
MW-1207
557.46

MW-1215
556.79
MW-1201A
MW-1201
556.77

MW-1206A
MW-1206
557.88

MW-1203
570.36

561.09
MW-1200

MW-1204A
MW-1204
572.09

MW-1205
565.26

MW-1212
575.48

DW3
566.69
MW-1210A
MW-1210
571.76

DW2
552.11

MW-1211
563.52

MW-1216

MW-1217

DW4

MW-1209A
MW-1209
569.29

MW-1218

588.26
MW-1214

530 540 550 560 570 580 600 650 680

LEGEND:

MW-1209 BEDROCK MONITORING WELL

MW-1218 SHALLOW MONITORING WELL

MW-1209A / MW-1209 MONITORING WELL NEST BEDROCK AND SHALLOW (A)

GROUNDWATER FLOW DIRECTION

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

DATA COLLECTED: 05-29-2006

WLS
COL 2.4-4

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
May 2006

FIGURE 2.4.12-204
(Sheet 2 of 8)

Rev 0

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-1207A
MW-1207
555.85

MW-1215
555.22

MW-1201A
MW-1201
555.15

MW-1206A
MW-1206
556.22

MW-1203
569.22

MW-1200
559.68

MW-1204A
MW-1204
571.25

MW-1205
564.84

564.46
DW3

550.26
DW2

MW-1210A
MW-1210
570.36

MW-1212
573.39

MW-1211
562.83

565.69
MW-1216

MW-1209A
MW-1209
568.71

MW-1217
567.91

DW4
567.60

573.55
MW-1218

MW-1214
585.89

530 540 550 560 570 580 600 650 680

LEGEND:

MW-1209 BEDROCK MONITORING WELL

MW-1218 SHALLOW MONITORING WELL

MW-1209A / MW-1209 MONITORING WELL NEST BEDROCK AND SHALLOW (A)

GROUNDWATER FLOW DIRECTION

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

DATA COLLECTED: 07-21-2006

WLS
COL 2.4-4

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
July 2006

FIGURE 2.4.12-204
(Sheet 3 of 8)

Rev 0

N
W
E
S

SCALE: (IN FEET)
0 330 660 990 1320

BROAD RIVER

BROAD RIVER

HOLD-UP POND A
534.40

MAKE-UP POND B
569.20

MAKE-UP POND A
546.20

524.30

570.00

DW5

MW-1208
545.80

MW-1202
562.87

MW-1207A
MW-1207
554.55

MW-1215
553.98

MW-1201A
MW-1201
553.93

MW-1206A
MW-1206
555.00

MW-1203
567.17

MW-1200
557.35

MW-1204A
MW-1204
570.28

MW-1205
564.09

MW-1212
572.15

549.25
DW2

DW3
564.01

MW-1210A
MW-1210
569.66

MW-1211
562.90

MW-1216
563.77

MW-1217
565.69

MW-1209A
MW-1209
NM

DW4
572.20

MW-1218
572.41

MW-1214
584.47

LEGEND:

MW-1209 BEDROCK MONITORING WELL

MW-1218 SHALLOW MONITORING WELL

MW-1209A / MW-1209 MONITORING WELL NEST BEDROCK AND SHALLOW (A)

GROUNDWATER FLOW DIRECTION

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

DATA COLLECTED: 09-11-2006

WLS
COL 2.4-4

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
September 2006

FIGURE 2.4.12-204
(Sheet 4 of 8)

Rev 0

N
W
E
S

SCALE: (IN FEET)
0 330 660 990 1320

BROAD RIVER

BROAD RIVER

HOLD-UP POND A
534.35

MAKE-UP POND B
569.23

MAKE-UP POND A
545.94

524.26

570.00

DW5
530.28

MW-1208
544.98

MW-1202
562.01

MW-1207A
MW-1207
553.23

MW-1215
552.70

MW-1201A
MW-1201
552.68

MW-1206A
MW-1206
553.68

MW-1203
567.70

MW-1200
557.55

MW-1204A
MW-1204
569.74

MW-1205
563.83

MW-1212
572.26

549.23
DW2

DW3
564.84

MW-1210A
MW-1210
569.73

MW-1211
563.42

MW-1216
562.80

MW-1209A
MW-1209
567.47

MW-1217
565.61

DW4
568.00

MW-1218
572.41

MW-1214
584.16

530 540 550 560 570 580 600 650

LEGEND:

MW-1209 BEDROCK MONITORING WELL

MW-1218 SHALLOW MONITORING WELL

MW-1209A / MW-1209 MONITORING WELL NEST BEDROCK AND SHALLOW (A)

GROUNDWATER FLOW DIRECTION

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

DATA COLLECTED: 11-14-2006

WLS
COL 2.4-4

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
November 2006

FIGURE 2.4.12-204
(Sheet 5 of 8)

Rev 0

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

DW5
530.12

MW-1208
544.11

MW-1202
561.62

MW-1207A
MW-1207
552.14

MW-1215
551.48

MW-1206A
MW-1206
552.55

MW-1201A
MW-1201
551.38

MW-1203
568.28

MW-1200
561.79

MW-1204A
MW-1204
569.61

MW-1205
563.37

MW-1212
578.85

550.68
DW2

DW3
566.77

MW-1210A
MW-1210
570.61

MW-1211
564.80

MW-1216
564.94

MW-1209A
MW-1209
567.24

DW4
569.58

MW-1217
567.63

MW-1218
575.08

MW-1214
586.50

530 540 550 560 570 580 600 650 680

LEGEND:

- MW-1209 — BEDROCK MONITORING WELL
- MW-1218 — SHALLOW MONITORING WELL
- MW-1209A / MW-1209 — MONITORING WELL NEST BEDROCK AND SHALLOW (A)
- GROUNDWATER FLOW DIRECTION
- CONTOUR INTERVAL = 5 FT.
- WATER LEVEL ELEVATIONS IN FT. MSL

DATA COLLECTED: 01-13-2007

WLS
COL 2.4-4

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
January 2007

FIGURE 2.4.12-204
(Sheet 6 of 8)

Rev 0

N
W
E
S

SCALE: (IN FEET)
0 330 660 990 1320

BROAD RIVER

HOLD-UP POND A
536.09

MAKE-UP POND B
568.23

MAKE-UP POND A
547.81

525.64

530.55
DW5

MW-1208
544.11

570.00

MW-1202
561.88

MW-1207A
MW-1207
561.67

MW-1215
551.07

MW-1201A
MW-1201
550.98

MW-1206A
MW-1206
552.05

MW-1203
569.08

565.11
MW-1200

MW-1204A
MW-1204
570.57

MW-1205
564.03

MW-1212
581.08

552.05
DW2

DW3
568.20

MW-1210A
MW-1210
571.42

MW-1211
565.10

MW-1216
566.78

MW-1217
569.77

DW4
569.79

MW-1209A
MW-1209
567.24

MW-1218
576.49

MW-1214
588.79

LEGEND:

MW-1209 BEDROCK MONITORING WELL

MW-1218 SHALLOW MONITORING WELL

MW-1209A / MW-1209 MONITORING WELL NEST BEDROCK AND SHALLOW (A)

GROUNDWATER FLOW DIRECTION

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

DATA COLLECTED: 03-13-2007

WLS
COL 2.4-4

WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
March 2007

FIGURE 2.4.12-204
(Sheet 7 of 8)

Rev 0

N
W
E
S

SCALE: (IN FEET)
0 330 660 990 1320

BROAD RIVER

HOLD-UP POND A
≈534

≈525

MAKE-UP POND B
≈570

MAKE-UP POND A
≈547

MW-1208
MW-1202
MW-1207
MW-1215
MW-1201
MW-1206
MW-1203
MW-1200
MW-1204
MW-1212
MW-1211
MW-1210
MW-1216
MW-1217
MW-1209
MW-1218
MW-1214
DW-5
DW2
DW3
DW4

McKOWNS MTN

WLS
COL 2.4-4

LEGEND:

MW-1216 MONITORING WELL

MW-1209 GROUNDWATER SAMPLING LOCATION

GROUNDWATER FLOW PATH

GROUNDWATER COMPARTMENT BOUNDARY

CONTOUR INTERVAL = 10 FT.

PROJECTED WATER TABLE

WILLIAM STATES LEE III NUCLEAR STATION UNITS 1 & 2

Potentiometric Surface Map
Projected Post-Dewatering Water Table

FIGURE 2.4.12-204
(Sheet 8 of 8)

Rev 0